



David Morgan Grenville *fonds*

Prepared by Harold Averill
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University of Toronto Archives
David Morgan Grenville fonds

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David Morgan Grenville fonds

Biographical sketch¹

David Morgan Grenville was born February 16, 1928 in London, England, the eldest child and only son (he has two sisters) of Harry Morgan-Grenville OBE & Mary Murray Morgan-Grenville. He attended Stowe School in Buckingham from 1941 to 1945 and was then commissioned in the British Army from 1946 to 1948, seeing service in India in 1946/47. From 1948 to 1950 he studied at Cambridge University where he received his MA in economics. In 1950-1951 he took his MBA at the University of Kansas. He married Nancy Martin of Washington DC in 1951 and they had three children, Sally, Geoffrey, and Andrew. She died in 1994 and in 1996 he married Patricia Jequier.

Following the completion of his graduate work at the University of Kansas, Mr. Grenville worked as a roughneck in the New Mexico oilfields. In 1952 he joined Rycade Oil in Houston, Texas as an oil scout and landman. In 1954 he emigrated to Canada and began work for the British Newfoundland Corporation (Brinco), based in Montreal. From then until 1970 he was at various times assistant to each of Brinco's presidents; he was also development manager, and finally Brinco's assistant general manager. From 1966 until 1969 he was responsible on behalf of Brinco's subsidiary Churchill Falls (Labrador) Corporation for planning and managing the provision of construction and town-site services for the \$1 billion (1969) 6 million horsepower hydro-electric project.

In 1970 he moved to London to join Rio Tinto-Zinc's group planning department. He was then transferred as administrative general manager to RTZ Development Enterprises, a subsidiary of Rio Tinto acting as British Project Manager for the Anglo-French Channel Tunnel project between Britain and France. He acted as joint secretary of the project management executive committee, which coordinated the activities of the British and French teams. After successfully completing a one mile pilot tunnel in 1975, full-scale construction was about to begin; but the project was abandoned by the British government at the time as a result of rising interest rates and escalating inflation due to the OPEC oil crisis.

Mr. Grenville then returned to Canada in 1975 to help establish and develop C-CORE, the newly-formed Centre for Cold Ocean Resources Engineering at Memorial University in St. John's, Newfoundland. Funded by a major grant from the Devonian Foundation in Calgary, C-CORE's mandate was to work with government, university and oil industry researchers to establish the engineering qualities of sea-ice and icebergs, and to determine how offshore exploratory drilling and subsequently the production of oil from the continental shelf off Newfoundland and Labrador might be safely undertaken. He was C-CORE's administrator from 1975 to 1982, during which period the Captain Robert Bartlett Building was built for the Centre adjacent to Memorial University's Engineering Building. C-CORE celebrated its 35th anniversary in 2010 and continues to serve a wide range of international clients.

Mr. Grenville first met Omond Solandt when he joined C-CORE. Dr. Solandt was on C-CORE's Board of Advisors appointed by the Devonian Foundation, and Grenville was the secretary of the board. They worked together quite closely at that time and gradually became

¹ This biographical sketch is a combination of the contents, slightly edited, of two e-mail messages to Harold Averill by David Grenville on 9 and 14 December 2010.

David Morgan Grenville fonds

Biographical sketch

friends. Although Dr. Solandt was his senior by 19 years, they had quite a lot in common: both had been at Cambridge, Solandt just before the war, Grenville just after it; and he had lived in England through the war years. His second wife, Vaire, was English. He used to come to the house for dinner when he was in St. John's, and took an interest in Grenville's young teenage son Andrew, who was already deeply interested in computers.

As Mr. Grenville worked with Dr. Solandt and the other advisors in those early days of C-CORE, he became aware of the breadth and depth of his experience and qualifications, and realized the extent and nature of his reputation as an engineer and medical scientist in the field of operations research, and as a manager of research.

Following the loss in a storm of the giant semi-submersible drilling rig Ocean Ranger in February 1982, the Canada/Newfoundland Royal Commission on the Ocean Ranger Marine Disaster was established to enquire into the causes of the loss, and to carry out a comprehensive study of safety offshore Eastern Canada. Mr. Grenville was appointed Commission Secretary in 1982 with responsibility for managing its operations. He quickly saw that the six commissioners, all Newfoundlanders, and the Commission based in St. John's far away from Ottawa, would need to win credibility as they set about tackling a task that was of significance both nationally and internationally. He could see that someone like Dr. Solandt, who had run the Ontario Commission of Inquiry into the Transmission of Power between Nanticoke and Pickering (the Solandt Commission), had a great deal to contribute to their work. His national and international reputation would also prove to be a major asset. Alex Hickman, the Commission chair, prompted by Mr. Grenville to consider Dr. Solandt as senior advisor to the Commission, asked him to approach him. Dr. Solandt was looking for something new to do and he agreed to take it on. Art Collin, the Deputy Minister responsible for supporting the work of the Commission, subsequently said to Mr. Grenville when he heard about Dr. Solandt coming aboard, "I see you are mobilizing the best brains in the country to tackle the job." The inquiry was completed in 1985 after an extensive technical investigation and wide consultation involving regulatory bodies and the international oil industry. Dr. Solandt's final service to the Commission was acting as Chair of the Safety Offshore Eastern Canada Conference, held in St. John's in August 1984, that wrapped up the second phase of the enquiry by gathered the expert testimony necessary for the report.

Following the winding up of the Commission, Grenville worked for two years on a number of consulting assignments. These included setting up Seabright Corporation, Memorial University's innovation and technology transfer agency. He then joined former colleagues from C-CORE at Canpolar East, an engineering and technology innovation start-up company engaged in developing new processing methods and technology for the fishery industry.

He then retired to the Eastern Townships of Quebec in 1989, and served as Chairman of Canpolar East from 1989 until 1995. He and his wife currently live in Knowlton, Quebec.

David Morgan Grenville fonds

Scope and content

Textual, graphic, sound recordings, publications, 1942-2009, 1.62 metres
47 digital files (3 MB)

Records assembled by David Grenville relating to two projects on Omond McKillop Solandt: a proposed biography of him (never completed) and a symposium in his honour (1994) that was published as *Perspectives in science and technology: the legacy of Omond Solandt*. The files for the biography include original documents, research notes, correspondence, notes, manuscripts and addresses by Solandt (1957-1980) and 66 audio cassette tapes (with tape summaries by Jason Ridler) of interviews Grenville did with Solandt and his colleagues. The files on the symposium contain correspondence, minutes of meetings, notes, financial records, and partial drafts and copies of the book. There are also a number of accompanying photographs.

Accession: B2009-0046

Related accessions:

The accessions in the Omond McKillop Solandt fonds : see *Inventory of the Omond McKillop Solandt personal records* (1994) [accessions B1988-0016, B1989-0043, B1990-0022, B1991-0015, B1992-0011 and B1993-0041] and, in addition, accession B1994-0020.

ACCESS: Restricted

The audiotapes and tape summaries of the interviews between Grenville and Solandt and two associated notebooks are restricted until 31 December 2013. All of the other records are open.

David Morgan Grenville fonds

Introduction

In the mid 1980s David Grenville began assembling material for a biography of Omond Solandt, concerned that Canadians had forgotten a man who had played a pivotal role in the transformation of Canada during and after World War II into a nation that was

first amongst the second tier powers...By his outstanding intellectual abilities and his considerable leadership this man had helped found a modern scientific discipline, Operational Research, which sprang into prominence during the war and showed great potential as a science-based aid to executive decision-making in the years since. Solandt had gone on to found several significant Canadian scientific institutions and to display a remarkable level of innovative leadership in matters which had both national and international implications.²

Mr. Grenville soon discovered, however, that it was very difficult, with the limited time at his disposal, to collect sufficient material for and to grasp thoroughly Dr. Solandt's extraordinarily varied and numerous activities – he has been described as having five careers at a time when most people were satisfied with one – and their implications. With reluctance he abandoned his effort, after having taken a sabbatical in which he had visited England, written an outline of the project, assembled some textual material and conducted many interviews, including some with Dr. Solandt himself. Determined that his efforts would not be in vain, Mr. Grenville then assisted Dr. Solandt in depositing his voluminous personal records in the University of Toronto Archives. In 1992, he turned to several of Dr. Solandt's old colleagues from operational research days to organize in his honour the Solandt Symposium on Organizing and Managing the Practical Application of Science to Problems in War and Peace, held in Kingston, Ontario in May 1994. Unfortunately, Dr. Solandt died the year before.

In the years since the Symposium, Mr. Grenville has continued to encourage anyone interested in Dr. Solandt's life. The most promising prospect has been Jason Ridler, a doctoral student at Royal Military College in Kingston, Ontario. Mr. Grenville wrote,

I am more than ever convinced that the heart of the Solandt story is that 15 year period from 1940 to 1955 when he became so deeply involved in defence-related operations research, and demonstrated his unique qualifications and talent for that work. It was a time when Canada was punching above its weight due to the quality as well as the quantity of its contribution to the US/UK alliance both during and after WW2. I think that Ridler is well placed to deliver a very useful assessment and insight into what Solandt's role was in that period, as well as to do justice to the rest of his multi-faceted career.³

² Law, C. E., G. R. Lindsay and D. M. Grenville. ed. *Perspectives in science and technology – the legacy of Omond Solandt*. Proceedings of a symposium held at the Donald Gordon Centre, Queen's University at Kingston, Ontario, 8-10 May 1994. Kingston: Queen's Quarterly, 1995. Foreword, vii.

³ E-mail from David Grenville to Harold Averill, 2007-03-12

David Morgan Grenville fonds

Introduction

Jason defended his thesis, 'State scientist : Omond McKillop Solandt and government science in war and hostile peace, 1939-1956,' in 2009 and is currently seeking a publisher. He also compiled tape summaries of the interviews that Mr. Grenville loaned him for his thesis research.

The files in this fonds are grouped into series that reflect the various actions that Mr. Grenville took in his endeavours to ensure that Dr. Solandt was properly honoured.

Series 1: Research files (general)

Textual, graphic, 1942-1993, 0.30 m.

This series consists of the general files that Mr. Grenville assembled in his attempt to write Dr. Solandt's story. It begins with a variety of biographical information on Dr. Solandt, including curriculum vitae, tributes and obituaries, his memorial service, press clippings, and an article about him. This is followed by grant applications, a project outline, correspondence, and files on sources, family history, and Dr. Solandt's activities (including summaries of diaries), arranged alphabetically. The principal areas of activity covered are the atomic bomb/nuclear weapons, Canadian National Railway, Defence Research Board, forestry, medical research, operational research, the Science Council of Canada, and 'voyagers'. The photographs associated with some of the files have been removed and stored separately.

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|------------------|------------------------------------------|-----------|
| B2009-0046 | | |
| /001 | Curriculum vitae - correspondence | 1942-1993 |
| /002 | Summaries of diaries – 'nuclear weapons' | 1962-1991 |
| /003 (01) – (04) | Science Council of Canada – 'voyagers' | 1957-1993 |

David Morgan Grenville fonds

Series 2: Interviews

Textual, sound recordings, 1961-2009 [bulk 1985-1992], 0.64 m.
47 digital files (3 MB)

Restricted: The audiotapes and tape summaries of the interviews between Grenville and Solandt and two associated notebooks are restricted until 31 December 2013.

This series begins with two interviews that were not recorded by Mr. Grenville but were collected by him as a part of his research. The first, “Ten minutes with O. M. Solandt”, was a CBC television production recorded on 13 December 1961 when he was vice-president of research and development for Canadian National Railways, and broadcast on 3 April 1962. The second, with interviewer Robert F. Legg, is undated but was recorded when Dr. Solandt was chancellor of the University of Toronto (1965-1971), is described as “his personal reactions...to the situation he finds himself involved both as a Director of a commercial corporation [Electric Reduction Company of Canada]..., also as Chancellor of the University of Toronto and also as Chairman of the National Science Council [sic, Science Council of Canada]...”

A central part of Mr. Grenville’s research on Dr. Solandt was the series of interviews (66 cassette tapes) that he conducted in 1985, 1986 and 1990, including nine with Dr. Solandt. The others were with people who had known him well and/or worked with him at various stages in his long professional life. Accompanying these interviews are two notebooks which contain dated entries on his research activities. There are notes on contacts and sources, brief biographical notes about the interviewees along with detailed notes on Mr. Grenville’s interviews with Dr. Solandt and shorter notes on other interviews. There are also tape summaries prepared by Jason Ridler for each of the interviews. The latter were compiled as a condition of Mr. Grenville’s loaning his material to Mr. Ridler for use in his doctoral thesis on Dr. Solandt. The summaries vary in the amount of detail but provide a very useful guide to the interviews. A cautionary note to researchers is that they contain numerous typos, mostly as a result of Mr. Ridler having a limited amount of time to make the summaries and not having a list of names to compare spellings against, many of whom he was unfamiliar with.

Of all the interviewees, Laurie Chute probably knew Dr. Solandt best, certainly the longest. He was a boyhood friend, fellow student (along with his wife, Helen Reid) and, during World War II, was with the Physiological Research Laboratory at Lulworth in Dorset, England, and, from 1943, commanded the No. 1 Canadian Medical Research Laboratory where he specialized in the medical hazards of tank warfare. He was dean of medicine at the University of Toronto (1966-1973) during much of the time Dr. Solandt was chancellor. Another fellow medical student was Reginald Haist who became a professor of physiology at the U of T. All three had interesting observations on Dr. Solandt’s formative years, including his relationship with Charlie Best. Barbara Griffin, the widow of his brother Donald, provided detailed information about the Solandt family generally and the relationship between the brothers in particular.

David Morgan Grenville fonds

Series 2: Interviews

Charles Crawley; Anne Ellis Lewis whose husband ‘Tel’ had worked with Dr. Solandt, Wilhelm Feldberg, and Lancelot Fleming, were all Trinity Hall, Cambridge friends and interviewed for their recollections of him while at Trinity and in England generally. Maggie and Patrick Mollison reminisced about their work with him at the South West Blood Supply Depot at Sutton, Surrey. Donald Kaye, George Lindsey, Tony Sargeant, Ronnie Shephard, and Ted Treadwell all provided information on their work when Dr. Solandt was director of the Medical Research Council’s Physiological Laboratory at the Armoured Fighting Vehicle School at Lulworth (1941-1942) and subsequently with the Army Operational Research Group there and elsewhere (1942-1945).

Dr. Solandt’s years at the Defence Research Board (1947-1956) were thoroughly reviewed in the interviews with Alec Fordyce, Geoffrey Hatterley-Smith, George Lindsey, Archie Pennie, and Elliot Rodger, and Graham Rowley. His years with the Canadian National Railways

(1956-1963) were covered by Herb Bailey, at deHavilland (1963-1966) by Philip Lapp, at the Electric Reduction Company of Canada (1963-1970) by Lloyd Lillico, and science policy generally and Dr. Solandt’s years as founding chair of the Science Council of Canada (1966-1972) by James Mullin. In November 1967 Dr. Solandt accompanied the National Science Foundation (USA) expedition to Antarctica and the South Pole. Raymond Aidie, a geologist from South Africa and an expert on Antarctica, was interviewed about this trip. One of Dr. Solandt’s passions was the Canadian wilderness. Dennis Coolican, president of the Canadian Bank Note Company, and Elliot Rodger were two of the ‘voyageurs’ who made numerous canoe trips with him; both were on the famous 1955 Churchill River trip.

Digital copies (.doc files) of Ridler’s tape summaries are available. Please contact Archives for further details.

B2009-0046

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|------|------------------|--------------------------------------------------------------------------------------|--------------------|
| /003 | (05) | Interview, CBC TV : ‘Ten minutes with O.M. Solandt’ | 1961-12-13 |
| | (06) | Interview by Robert Legge, n.d. | [196-] |
| | (07) | ‘Solandt biography, vol. 1’. Notes accompanying tape recorded interviews | 1985-1986 |
| | (08) | ‘Solandt biography, vol. 2’. Notes accompanying tape recorded interviews | 1987-1992 |
| /004 | (01) – (02) | Correspondence with Jason Ridler; list of interviews conducted by David Grenville | 1987-2009 |
| | (03) – (45) | Ridler’s tape summaries of the interviews, arranged alphabetically: Adie - Treadwell | 2007-2008 |
| | /001S - /068S | Audio cassette tapes of interviews conducted by David Grenville | 1985-1986, 1990 |

David Morgan Grenville fonds

Series 3: Solandt Symposium

Textual, publications, 1992-1994, 0.16 m.

The Solandt Symposium on Organizing and Managing the Practical Application of Science to Problems in War and Peace was held in Kingston, Ontario from 8-10 May 1994. Its purpose was to honour and celebrate Dr. Solandt and his achievements relating to various aspects of science and technology and, in particular, operational research.

The files contain correspondence and notes regarding various aspects of organizing the conference, along with minutes of the organizing committee; budget and funding information; files on participants, session chairs and speakers; the programme; files relating to the publication and distribution of the proceedings, and a copy of the published proceedings, *Perspectives in science and technology: the legacy of Omond Solandt*.

| | | | |
|------------|------|------------------------------------------------------------------------------|-----------|
| B2009-0046 | | | |
| /005 | | Correspondence – distribution of proceedings | 1992-1995 |
| /006 | (01) | <i>Perspectives in science and technology: the legacy of Omond Solandt</i> . | 1995 |

Series 4: Manuscripts and publications

Textual, 1957-1975, 0.07 m.

Dr. Solandt's very busy schedule as an administrator, often juggling more than one activity at a time, meant that he did not have time to write a large number of articles or reports for publication. The titles in this series comprise a small portion of his output. Most of his manuscripts and publications can be found in two accessions (B1993-0041/002-005, and B1994-0020/003 and 004) in the Omond McKillop Solandt fonds, to which these titles have been compared to eliminate duplication. The files contain a combination of drafts, offprints and covering correspondence.

For a list of the titles, see Appendix 2.

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|------------|-------------|-------------|--|
| B2009-0046 | | | |
| /006 | (02) – (17) | 1957 – 1975 | |

David Morgan Grenville fonds

Series 5: Addresses

Textual, 1956-1986, 0.51 m

Dr. Solandt was much in demand as a public speaker, especially with professional, service, and educational organizations and groups. Often he served as a keynote speaker or, especially in later years, as an “after dinner” speaker.

The records in this series consist of notes on cards for addresses, covering correspondence for and typed drafts of speeches given. There are approximately 350 in total and the arrangement of them is chronological. They comprise the bulk of Dr. Solandt’s addresses that have survived; the remainder can be found within the Omond Solandt fonds, especially in accessions B1993-0041/002 and B1994-0020/002(05)-(30). Others are scattered here and there elsewhere in other series in these and other accessions in the fonds.

B2009-0046

| | | | |
|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| /006 | (18) – (29) | ‘List of speeches, 1956-1963’– ‘Convocation address, Sir George Williams College | 1956-1958 |
| /007 | | Notes on cards for addresses, 1959 – ‘Research and standardization in Russia,’ 1964-06-04 | 1959 - 1964 |
| /008 | | Notes on cards for addresses, 1965 – ‘Science forum’, 1968-12-23 | 1965-1968 |
| /009 | | Notes on cards for addresses, 1969 – ‘The predicament of man,’ 1974-09-16 | 1969-1974 |
| /010 | | Moderator, Transportation of energy session, Roads and Transportation of Canada, 1974-09-25 – Notes for an after dinner address, 3 rd International Symposium on Military Operational Research, 1986-09-09 | 1974-1986 |

David Morgan Grenville fonds

Series 6: Photographs

Photoprints, 1949-1986

The photographs in this series document portions of Dr. Solandt's life. There are a half dozen spanning the years 1949 to 1978, and there is one studio photograph of Andrew Lawrence (Laurie) Chute, a former fellow medical student at the University of Toronto and colleague in wartime Britain. There are two folders of colour photoprints by David Grenville of Dr. Solandt at his residence, the Wolfe Den, near Bolton, Ontario and of his last visit in August 1986 to his ancestral haunts at Inverness, Megantic County, in the Eastern Townships of Quebec.

B2009-0046

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|-------|------|---------------------------------------------------------------------------------------|------------|
| /001P | (01) | Photoprints of Dr. Solandt at various stages of his life | 1949 -1978 |
| | (02) | Silver tea service presented to Dr. Solandt on his leaving the Defence Research Board | 1956 |
| | (03) | Dr. Solandt at the Wolfe Den | 1986 |
| | (04) | Dr. Solandt at Inverness, Megantic County, Quebec | 1986 |
| | (05) | Andrew Lawrence (Laurie) Chute | [194-] |

David Morgan Grenville fonds

Appendix 1: Series 2: Interviews

The interviews listed below were conducted by Mr. Grenville as a part of his research; they consist both of 90-minute audio cassette tapes and summaries. Also included are his tape recordings of portions of selected minutes of the Medical Research Council in England and of the Army Council and Ministry of Supply Advisory Council on Scientific Research and Technical Development. The arrangement is alphabetical by name of interviewee. Where a tape contains interviews with more than one person and/or notes recorded by Mr Grenville, the applicable side of the tape is recorded. The tape summaries were prepared by Jason Ridler while doing research for his doctoral thesis on Dr. Solandt. The summaries for the Solandt interviews should be compared with Mr. Grenville's careful notes on same.

The following brief biographical notes on the interviewees were prepared while arranging and describing this series, as there is little information readily available on some of them.

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aidie, Raymond | Geologist from Pietermaritzburg, South Africa; specialist on Antarctica. Met OMS in 1967 and accompanied him on the National Science Foundation research expedition to Antarctica and the South Pole. |
| Bailey, Herb | With research and development at Canadian National Railways when OMS was Vice-President Research and Development. |
| Reid, Helen | Wife of Laurie Chute; first met Dr. Solandt as a young man. |
| Chute, Andrew | Met OMS in high school, was a fellow medical student at the University of Toronto and worked with him in England. |
| Lawrence (Laurie) | Commanded No. 1 Canadian Medical Research Laboratory 1943-1945, specializing in medical hazards of tank warfare. Dean of medicine at the University of Toronto, 1976-1983. |
| Coolican, Dennis | President, Canadian Bank Note Company, board of Canadian Geographical Society. Met OMS in the late 1940s in Ottawa; joined the 'voyageurs' (for list see <i>Perspectives in Science and Technology</i> , 21-22) initially for the 1955 Churchill River trip |
| Crawley, Charles | Met OMS in late 1930s at Trinity Hall, Cambridge University. Was a don there from 1924 to 1958. |
| Ellis Lewis, Mrs. A.nne | Interviewed about her husband, T. Ellis Lewis ("Tel") 1900-78. He was from a Welsh miner family; taught law at Cambridge; first met OMS when he went to Trinity Hall in 1939. |
| Feldberg, Wilhelm S. | Knew OMS at Trinity Hall, Cambridge. |
| Fleming, Lancelot | Church of England bishop but geologist by training, with an interest in the Canadian north. First met OMS at Trinity Hall, Cambridge. |
| Fordyce, Alec. M | Former comptroller of Defence Research Board, Ottawa. |
| Griffin, Barbara. | Widow of Donald Solandt. |
| Haist, Reginald Evan | Born Hamilton, Ontario, 1910. University of Toronto: BA, 1933, MD 1936, MA 1937, PhD 1940. Fellow medical student (physiology) of OMS. Worked his way up to full professor of physiology (1949) and dept. head (1965). Died 1987 |

David Morgan Grenville fonds

Appendix 1: Series 2: Interviews

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| Hattersley-Smith, Geoffrey Kaye, G. Donald | At Defence Research Board with OMS. Actuary; at start of World War II sent to British Army Operational Research Group (AORG), Lulworth, and became expert on weapons assessment. |
| Lapp, Philip. A. | First PhD hired at de Havilland; knew OMS from de Havilland (1961-67); see <i>Perspectives in Science and Technology</i> , 97 |
| Lillico, Lloyd George | Director (1963-1971) and deputy chairman (1966-1971) of Electric Reduction Company of Canada |
| Lindsey, George R. | With (AORG) during World War II; at Defence Research Board afterwards. See <i>Perspectives in Science and Technology</i> , 85 |
| Mollison, Maggie. | Was with OMS at the South-West London Blood Supply Depot, Sutton, Surrey, June 1940 |
| Mollison, Patrick. Mullin, James. | At South-West London Blood Supply Depot from Sept. 1939 Executive assistant to OMS, secretary and then deputy executive director of the Science Council of Canada. See: <i>Perspectives in Science and Technology</i> , 149 |
| Pennie, Archie M. | Born in Scotland, 1916. Came to Canada in 1948; joined Defence Research Board as superintendent, Chemical Wing, Canadian Armament Research and Development Establishment, 1948-1953 and Secretary, 1953-1954; Superintendent, Defence Research Northern Laboratory, 1954-1956; Chief Superintendent, Suffield Experimental Station, 1957-1964; Deputy chairman, DRB, 1964-1971; author of many scientific and technical papers. See <i>Canadian Who's Who</i> , 12 (1970-1972) 873; <i>Perspectives in Science and Technology</i> , 77 |
| Rodger, Elliot | Major-general in Canadian Army; one of the first members of the 'voyaguers'. See <i>Perspectives in Science and Technology</i> , 21 |
| Rowley, Graham | Knew OMS from Defence Research Board; member of North West Territories advisory council on science. |
| Sargeant, H A. 'Tony' | More of a pure scientist than OR scientist; at AORG, Lulworth, with OMS, then went to RND at Malvern, Worcestershire. Later assistant scientific advisor to Supreme Allied Commander Europe (SACEUR). |
| Shepherd, Ronald W. | Physicist; at AORG, Lulworth, working for Medical Research Council; worked in operations research in 1943. See <i>Perspectives in Science and Technology</i> , 30 |
| Treadwell, Edward (Ted) | With AV Hill from 1934 at University College, London, as "ordinary assistant"; joined Army, was asked to work on armour issues by Solandt and spent most of the war as a lab technician with AORG at Roehampton in London. |

David Morgan Grenville fonds

Appendix 1: Series 2: Interviews

| Textual /Box | Audio (file) | Tape no. | Description | Date(s) |
|-----------------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------------------------|------------|
| B2009-0046 | | | | |
| /004 | (01) | | Correspondence with Jason Ridler re his research and preparation of tape summaries | 2007 |
| | (02) | | List of tape summaries; list of interviews | 1987, 2009 |
| | (03) | /008S | Interview with Raymond Adie, Cambridge, 30 November 1985, Part I [side B] | 1985 |
| | (03) | /001S | Interview with Raymond Adie, Cambridge, 30 November 1985, Part II | 1985 |
| | (04) | /002S | Interview with Herb Bailey, Toronto, 16 September 1986, Part I | 1986 |
| | (04) | /003S | Interview with Herb Bailey, Toronto, 17 September 1986, Part II [part of side A] | 1986 |
| | (05) | /004S | Interview with Helen Reid (wife of Laurie Chute), Loretto, Ontario, 12 September 1985 [labelled as Helen Chute/Chute Reid] | 1985 |
| | (06) | /005S, /006S | Interview with Andrew Lawrence (Laurie) Chute, Loretto, Ontario, 12 September 1986, Parts I and II | 1986 |
| | (07) | /007S | Interview with Dennis M. Coolican, Ottawa, 17 April 1986, Parts I and II | 1986 |
| | (08) | /008S | Interview with Charles Crawley, Trinity Hall, Cambridge, England, 29 November 1985 [Side A] | 1985 |
| | (09) | /009S | Interview with Mrs. Anne Ellis Lewis, Cambridge, England, 30 November 1985 [re her late husband, A. Ellis Lewis ("Tel")] | 1985 |
| | (10) | /010S | Interview with Wilhelm S. Feldberg, Mill Hill, London, England, 18 November 1985 | 1985 |
| | (11) | /011S | Interview with Bishop Lancelot Fleming, London, England, 11 December 1985 [Side A] | 1985 |
| | (12) | /012S, /013S | Interview with Alec M. Fordyce, Ottawa, 20 April 1986, Parts I and II | 1986 |
| | (13) | /014S | Interview with Barbara Griffin (widow of Donald Young Solandt), Toronto, 26 February 1986 | 1986 |
| | (14) | /015S | Interview with Reginald Evan Haist, Toronto, 25 November 1986 | 1986 |
| | (15) | /016S | Interview with Geoffrey Hattersley-Smith, London, England, 21 November 1985 | 1985 |
| | (16) | /017S | Interview with G. Donald Kaye, Ottawa, 18 September 1985 | 1985 |
| | (17) | /018S | Interview with Philip Lapp, York University, Toronto, 7 May 1986 | 1986 |

David Morgan Grenville fonds

Appendix 1: Series 2: Interviews

| Textual /Box | (file) | Audio Tape no. | Description | Date(s) |
|-----------------|--------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| B2009-0046 | | | | |
| /004 | (18) | /019S, /020S | Interview with Lloyd George Lillico, Toronto, 28 November 1986, Parts I & II | 1986 |
| | (19) | /021S, /022S | Interview with George R. Lindsey, Ottawa, 23 August, 1985, Parts I and II | 1985 |
| | (20) | /023S | Interview with George R. Lindsey, Ottawa, 17 September 1985 | 1985 |
| | (21) | /024S | Medical Research Council, London [England], 25 November 1985, Part I: (A) review of files, (B) file notes | 1985 |
| | (21) | /025S | Medical Research Council, London [England], (A) 25 November 1985, review of files, part II, cont'd 10 December 1985; (B) 10 December 1985: review of Armoured Fighting Vehicle (AFV) School Physiological Laboratory files | 1985 |
| | (21) | /066S | Medical Research Council, London [England], 10 December 1985, AFV Physiological Laboratory files – notes [Part IV on side B; Treadwell, Part II on side A] | 1985 |
| | (21) | /026S | Medical Research Council, London [England], 10 December 1985, Part III: review of AFV Physiological Lab., Lulworth, files | 1985 |
| | (21) | /027S | Medical Research Council, London [England], 12 December 1985: Blood Transfusion Service files, 1939-1941 | 1985 |
| | (21) | /011S | Medical Research Council, London [England], 12 December 1985: review of AFV Physiological Laboratory files, Part V [part of side A, side B] | 1985 |
| | (21) | /028S | Medical Research Council, London [England], 12 December 1985, Part VI: review of AFV Physiological Lab. files [side A only] | 1985 |
| | (22) | /029S – /031S | Interview with Maggie Mollison, Whitchurch, England, 16 October 1985, Parts I , II, III | 1985 |
| | (23) | /032S | Interview with Patrick Mollison, London, England, 19 November 1985 | 1985 |
| | (24) | /033S | Interview with James Mullin, Ottawa, 4 March 1986 | 1986 |
| | (25) | /034S | Interview with Archie M. Pennie, Ottawa, 21 April 1986 | 1986 |

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Appendix 1: Series 2: Interviews

| Textual /Box | (file) | Audio Tape no. | Description | Date(s) |
|--------------------|--------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| B2009-0046 /004 | (26) | /035S | Public Records Office, Kew, England: Notes on AORG files: minutes of Army Council and Ministry of Supply advisory council on scientific research and technical development, 20 December 1985 | 1985 |
| | (27) | /036S | Interview with Elliot Rodger, Ottawa, 23 April 1986 | 1986 |
| | (28) | /037S | Interview with Graham Rowley, Ottawa, 19 April, 1986 | 1986 |
| | (29) | /040S | Interview with H. A. 'Tony' Sargeant, Sway, England, 4 December 1985, Part I [Side B] | 1985 |
| | (29) | /038S | Interview with H. A. 'Tony' Sargeant, Sway, England, 4 December 1985, Part II | 1985 |
| | (30) | /039S | Interview with Ronnie Shephard, Shrivenham, England, 3 December, 1985, Parts I and II | 1985 |
| | (30) | /040S | Interview with Ronnie Shephard, Shrivenham, England, 3 December, 1985, Part I [Side B] and 4 December, 1985, Part II [Side A] | 1985 |
| | (31) | /041S, /042S | Interview with Omond McKillop Solandt, Bolton, Ontario, 8 September 1985, Parts I and II | 1985 |
| | (31) | /043S | Interview with Omond McKillop Solandt, Bolton, Ontario, 8 and 9 September 1985, Part III | 1985 |
| | (32) | /044S | Interview with Omond McKillop Solandt, Bolton, Ontario, 9 September 1985, Part IV | 1985 |
| | (33) | /045S | Interview with Omond McKillop Solandt, Bolton, Ontario, 10 September 1985, Part V | 1985 |
| | (33) | /046S | Interview with Omond McKillop Solandt, Bolton, Ontario, 10 September 1985, Part V | 1985 |
| | (34) | /047S | Interview with Omond McKillop Solandt, Kew Gardens, London, 13 November 1985 | 1985 |
| | (35) | /048S | Interview with Omond McKillop Solandt, Bolton, Ontario, 24 February 1986, unnumbered [appears to be same as /049S] | 1985 |
| | (35) | /049S, /050S | Interview with Omond McKillop Solandt, Bolton, Ontario, 24 February 1986, Parts I and II | 1986 |
| | (35) | /051S | Interview with Omond McKillop Solandt, Bolton, Ontario, 25 February 1986, Part III | 1986 |
| | (36) | /052S – /054S | Interview with Omond McKillop Solandt, Bolton, Ontario, 1 March 1986, Parts IV, V and VI | 1986 |

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Appendix 1: Series 2: Interviews

| Textual /Box | Audio (file) | Audio Tape no. | Description | Date(s) |
|--------------------|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| B2009-0046 /004 | (37) | /055S | Interview with Omond McKillop Solandt, Bolton, Ontario, 6 May 1986, Part One(1) [labelled Part I on box] | 1986 |
| | (37) | /056S | Interview with Omond McKillop Solandt, Bolton, Ontario, 6 May 1986, Part One(2) [labelled Part II on box] | 1986 |
| | (38) | /057S | Interview with Omond McKillop Solandt, Bolton, Ontario, 8 May 1986, Part Two-1 [labelled Part III on box] | 1986 |
| | (38) | /058S | Interview with Omond McKillop Solandt, Bolton, Ontario, 8 May 1986, Part Two-2 [labelled Part IV on box] | 1986 |
| | (39) | /059S | Interview with Omond McKillop Solandt, Bolton, Ontario, 8 and 10 May 1986, Parts Two(3) and Part Three [labelled Part V on box] | 1986 |
| | (40) | /060S | Interview with Omond McKillop Solandt, Bolton, Ontario, 10 May 1986, Part Three(3) [labelled Part VI on box] | 1986 |
| | (41) | /061S | Interview with Omond McKillop Solandt, Bolton, Ontario, 17 September 1986 | 1986 |
| | (42) | /003S | Interview with Omond McKillop Solandt, Bolton, Ontario, 17 September 1986 [part of side A, all of side B) | 1986 |
| | (43) | /062S | Interview with Omond McKillop Solandt, Bolton, Ontario, 27 November and 29 November (Part I) 1986 | 1986 |
| | (44) | /063S | Interview with Omond McKillop Solandt, Bolton, Ontario, 29 November 1986, Part II [label on box refers to 28 Nov. which does not exist] | 1986 |
| | (45) | /064S | Interview with Omond McKillop Solandt, Bolton, Ontario, 14 March 1990 | 1990 |
| | (46) | /065S | Interview with E. Treadwell, Coomb Martin, England, 8 December 1985, Part I | 1985 |
| | (46) | /066S | Interview with Edward (Ted) Treadwell, Coombe Martin, England, 8 December 1985, Part II (side A) | 1985 |

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Appendix 2: Series 4: Manuscripts and publications

| /Box | (file) | Description | Date(s) |
|------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| B2009-0046 | | | |
| /006 | (02) | <i>Scientific research in the modern world, being the Samuel Robertson Memorial Lecture, Prince of Wales College, Charlottetown, P. E .I., March 28, 1957.</i> Mimeograph, published version | 1957 |
| | (03) | '(iii) Technical fields,' in <i>Wanted...more experts.</i> Canada: Department of Labour, 1958, 15-18 | 1958 |
| | (04) | 'Dr Solandt on – Present day medical research problems,' <i>Applied Therapeutics</i> (February 1960) 100-101 | 1960 |
| | (05) | <i>The responsibilities of engineers in the Space Age, The tenth Wallberg Lecture, November 8th, 1961.</i> University of Toronto Press, 1961, 21 p. | 1961 |
| | (06) | 'Research and development in industry,' <i>Canadian Mining and Metallurgical Bulletin</i> , January 1965, 4 p. Draft, offprint | 1964-1965 |
| | (07) | 'The relationship between the government and the private sectors in the field of research and development,' <i>Colloque du Luxembourg sur la science et l'économie: 31 mai 1965.</i> Paris: Organisation de coopération de développement économiques, 1965, 41-52 | 1965 |
| | (08) | 'The Chancellor's address,' <i>Varsity Graduate</i> , 12, 1 (Christmas 1965) 23-31 | 1965 |
| | (09) | <i>Technology and management in Canada in the 1970s, the second annual Earle Douglas MacPhee Lecture.</i> Banff, Alberta: Banff School of Advanced Management, 1966 | 1966 |
| | (10) | 'Toward a Canadian science policy,' <i>Chemistry and Industry</i> , 1967, 604-609 | 1967 |
| | (11) | 'The modern mystery,' <i>Canadian High News</i> , 1968? Drafts | 1967-1968 |
| | (12) | 'Dr. Charles Herbert Best' | 1968 |
| | (13) | 'Foreword: the Science Council and psychology in Canada,' for 'Graduate training and research funding for clinical psychology in Canada: review and recommendations,' <i>Canadian Psychologist</i> , 11, 2 (April 1970) 100 | 1970 |
| | (14) | 'Foreword: "Men against the polar pack" | 1970 |
| | (15) | 'Science Council of Canada'. Typescript | n.d. |
| | (16) | <i>Creating our own future: the 1974 Hearn Lecture.</i> Toronto: Ontario Science Centre, 1974 | 1974-1975 |
| | (17) | 'Corporate memory'. Drafts of two versions | n.d. |