

Catalogue of the papers and correspondence of

Reginald Victor Jones CH FRS

(1911-1997)

by Alan Hayward
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GENERAL INTRODUCTION

PROVENANCE

The papers were received in May 1998 from the executors of R.V. Jones and in October 2000 from Churchill Archives Centre.

OUTLINE OF THE CAREER OF R.V. JONES

Reginald Victor Jones (known to many friends simply as R.V.) was born in Dulwich, London on 29 September 1911. He attended Sussex Road Elementary School, Brixton from where he won a scholarship to Alleyn's School, Dulwich. In 1929 Jones was awarded an Open Exhibition in Natural Science to Wadham College, Oxford, where T.C. Keeley was his tutor, and graduated with first class honours in physics in 1932. He was awarded a Research Studentship and at F.A. Lindemann's suggestion began developing new infrared detectors in the Clarendon Laboratory. Jones took his doctorate in 1934 and was elected to the Skynner Senior Studentship in Astronomy by Balliol College, with the intention that he should work with H.H. Plaskett on the infrared spectrum of the sun. These plans, however, were not to come to fruition. Instead in late 1935, with Lindemann's encouragement, Jones took part in trials to detect aircraft by infrared. As a result of these trials the Air Ministry's Committee on Air Defence, chaired by Sir Henry Tizard, employed Jones from January 1936 to work at the Clarendon Laboratory on the development of an airborne infrared detector which could be mounted on night fighters. In October 1936 he was appointed as a Scientific Officer and full-time member of Air Ministry staff. In January 1938 the airborne infrared project was terminated. After an initial decision to send Jones to the radar establishment at Bawdsey, Suffolk was reversed, he was posted to the Admiralty Research Laboratory, Teddington, Middlesex. This move was clearly a disappointment to Jones who viewed it as an 'exile' from the important task of air defence research. His stay at Teddington was short-lived, however, and in September 1939 he was attached to the intelligence services to investigate the German application of science to air warfare.

This move to intelligence work proved to be a masterstroke as Jones proceeded to play a vital role during the Second World War in identifying and counteracting German weapons developments. He built up a small staff at the Air Ministry, and arranged in 1940 for the transfer of his close friend from Oxford, Charles Frank, from the Chemical Research Establishment, Porton, Wiltshire. An early

success was the identification and jamming of the radio navigational beams systems used by the German airforce to guide bombers to their targets. This achievement established his reputation and in 1941 Jones was promoted to Assistant Director of Intelligence (Science). He continued to make important contributions to the Allied war effort, playing significant roles in the success of the Bruneval Raid in 1942, the development of 'Window' and the Allied understanding of the German V1 and V2 rockets. A full description of Jones' work during the war can be found in his autobiographical account *Most Secret War* (Hamish Hamilton, London, 1978), published in the United States as *The Wizard War*.

In 1946, despite promotion to Director of Intelligence, Jones decided to leave Government service because of his unhappiness at proposals for the post war organisation of scientific intelligence. He applied for the vacant chair of Natural Philosophy at the University of Aberdeen and was successful, thanks in part to the vigorous support of Sir Winston Churchill. At the request of Churchill in 1952 he returned briefly to intelligence work as Director of Scientific Intelligence at the Ministry of Defence but this proved to be a largely unsatisfactory experience and he resumed his academic duties in Aberdeen at the end of the following year.

Upon his appointment to the chair of Natural Philosophy Jones was faced with a decision over which direction his research should take. His work for the Air Ministry had kept him out of academic research for about ten years and placed him at a disadvantage to many contemporaries. Much of his earliest research after the War related to crystal growing and under his guidance the Department of Natural Philosophy became a world leader in this field. During his years at the University of Aberdeen, however, the main focus of his research was the development of instruments capable of precise measurement, such as optical levers, capacitance micrometers, microbarographs and tiltmeters. His ability to design highly sensitive instruments led to a number of important scientific contributions, highlighted perhaps by his work on the radiation pressure of light. Despite little teaching experience at the time of his appointment in 1946 Jones proved to be a popular lecturer. He captured the interest of his students by enlivening lectures with a variety of demonstrations, including the firing of a pistol to illustrate momentum conservation. Unfortunately Jones' later years at the University of Aberdeen were clouded by disagreements with colleagues, particularly over the proposals of the Robbins Committee to expand higher education, to which he was opposed. He retired in 1981.

Jones remained busy following his retirement. He travelled widely to give lectures and attend conferences, frequently visiting the United States where he was held in very high esteem in intelligence circles. He also continued to serve on Royal Society and other committees in London until his arthritis made travelling from Aberdeen difficult. He died on 17 December 1997.

Jones contributed numerous research papers to scientific periodicals and a selection of these were published in 1988 under the title *Instruments and Experiences* (John Wiley & Sons). He also wrote and lectured extensively on defence and intelligence issues, education, the history of science and a variety of science-related issues. His best known publication, *Most Secret War*, achieved distinction as both a critical and commercial success and a follow up was published in 1989, *Reflections on Intelligence* (Heinemann).

Jones played an active role in public life after the Second World War, acting as chairman of numerous government committees and other bodies. These include the Infra-Red Committee of the Ministries of Supply and Aviation, 1950-1964 and the Air Defence Committee Working Party of the Ministry of Defence, 1963-1964. He also served the Royal Society in a number of capacities. He was a Vice-President, 1971-1972, Editor of *Notes and Records of the Royal Society*, 1969-1989 and Chairman of both the Paul Instrument Fund Committee, 1962-1984 and the British National Committee for the History of Science, Technology and Medicine, 1970-1978.

Jones was accorded numerous honours and awards. He was elected to the Fellowship of the Royal Society in 1965. For his intelligence work during the War he received the CBE in 1942 and the CB in 1946 and was also honoured by the United States Government with the Medal of Freedom with Silver Palm in 1946 and the Medal of Merit in 1947. The high esteem in which Jones was held across the Atlantic was further demonstrated in 1993 when the Central Intelligence Agency (CIA) established the R.V. Jones Intelligence Award in his honour and made him the first recipient. His achievements were also given greater recognition at home with his appointment as a Companion of Honour in 1994.

For further information about Jones see 'Reginald Victor Jones' by Sir Alan Cook, *Biographical Memoirs of Fellows of the Royal Society* **45**, 1999, 239-254.

DESCRIPTION OF THE COLLECTION

The material is presented in the order given in the list of contents. It covers the period from 1928 to 1998.

Section A, Biographical, documents Jones' life from 1928 to 1997, including papers relating to his appointment at the University of Aberdeen as well as the numerous honours and awards he received. There are a few printed articles about Jones and several autobiographical drafts. The section also includes a long sequence of correspondence and papers assembled by Jones under the title 'Bouquets and brickbats' which reflect his many achievements and also some of his failures. A

record of day-to-day activities is provided by a series of twenty nine pocket diaries which runs almost continuously for the period 1957-1979. There is also a significant collection of press cuttings, illustrating his public profile, and a sequence of invitations to various social events.

Section B, Second World War, is of great interest since it is for his work in scientific intelligence during the War that Jones is best known. There is a significant quantity of wartime documents, many of which were used in the writing of *Most Secret War*. These include copies of the Air Scientific Intelligence reports he wrote during the War, copies of intelligence reports he received and captured German documents. Jones' work as a consultant to the Control Commission for Germany from 1948 to 1951 is also represented. In addition to the wartime documents there is also considerable material relating to the historical treatment of the Second World War, focussing on topics such as the German air raid on Coventry on 14 and 15 November 1940, Farm Hall and the Oslo Report and on individuals such as Sir Winston Churchill, Sir Henry Tizard and Lord Cherwell. The section also includes correspondence with wartime colleagues, British veterans of the War and former members of Resistance organisations.

Section C, University of Aberdeen, covers Jones' career as Professor of Natural Philosophy from 1946 to 1981. The material includes correspondence and papers relating to the administration of the Department of Natural Philosophy, the Faculty of Science and the University. There is also documentation of Jones' teaching, with two significant sequences of manuscript lecture notes.

Section D, Research topics and science interests, relates largely to Jones' active research at the University of Aberdeen. The material is arranged alphabetically by subject and includes correspondence with colleagues, drafts of publications and lectures, and manuscript and typescript notes. Research areas well represented in the papers include aether drag, capacitance micrometers, crystal growing, optical levers and radiation pressure. There is also an interesting sequence of material on 'flying saucers', reflecting Jones' interest in unexplained aerial phenomena.

Section E, Defence and intelligence, documents Jones' involvement and interest in defence and intelligence matters after the Second World War. His association with the Ministry of Defence is well represented, particularly his chairmanship of the Air Defence Committee Working Party in 1963-1964. His interest in the Strategic Defense Initiative (commonly known as Star Wars) is represented in this section as is his membership of an unofficial committee on hull-forms for warships in 1985-1986, chaired by Lord Hill-Norton. There is also material relating to a variety of intelligence issues, including a significant quantity of papers by S. Dedijer, the founder of the Research Policy Institute at the University of Lund, Sweden.

Section F, Science-related interests, brings together a number of Jones' interests outside his academic research. The history of science is particularly well represented and includes papers relating to James Clerk Maxwell and the history of infra-red research. There is significant material documenting Jones' concern with education policy, in particular the issues of university expansion and the teaching of science in schools. The section also includes a long sequence of papers assembled by Jones under the title 'Quacks', consisting largely of letters, circulars and pamphlets sent by numerous individuals and organisations, chiefly relating to unorthodox approaches to science.

Section G, Visits and conferences, covers the period 1948-1997. It documents much of Jones' attendance at conferences as well as his domestic and foreign travel. The material is divided up by country following his own arrangement, with much relating to the United Kingdom, the United States and Germany. The papers for a number of countries also include general correspondence with friends and acquaintances living there. His German correspondents include several wartime opponents who later became friends.

Section H, Societies and organisations, is extensive, illustrating his many commitments outside academic life. His longstanding service to the Royal Society is substantially documented, particularly his work on the Paul Instrument Fund Committee and his editorship of *Notes and Records*. His service on numerous Government bodies is also well represented, including the British Transport Commission, the Safety in Mines Research Advisory Board, the Electronics Research Council and the Infra-Red Committee of the Ministries of Supply and Aviation. This section also includes papers relating to Jones' attendance at International Conferences on the Unity of the Sciences, together with correspondence about the activities of the Unification Church. Consultancy work by Jones is represented by material relating to the firms, A. & M. Fell Ltd and Hilger and Watts.

Section J, Publications, presents a chronological series of drafts of books, articles, letters to newspapers, obituaries, reviews, and other contributions by Jones, covering the period 1946-1997. These drafts reflect the wide range of his interests, but are especially strong on the Second World War, intelligence issues, scientific research and education policy. The most substantial accumulations of material relate to Jones' two major books, *Most Secret War* (Hamish Hamilton, 1978) his best-selling account of his scientific intelligence work during the Second World War, and its follow up *Reflections on Intelligence* (Heinemann, 1989). The papers relating to this sequel also include drafts for a book covering Jones' experiences before and after the Second World War, which he proposed to call 'No Easy Chair'. Although plans to publish such an autobiographical account were abandoned the drafts nevertheless contain interesting biographical information.

Section K, Lectures, speeches and broadcasts, covers the period of about fifty years from the end of the Second World War to the final years of Jones' life. He was a highly accomplished public speaker and many of his most prestigious lectures are documented here, together with the numerous invitations he had to decline. Included here is a sequence of material relating to his lectures to the Senior Officers War Course at the Royal Naval College, Greenwich. The section also contains a significant quantity of material representing his radio and television broadcasts. These papers include transcripts of recordings and are particularly extensive for the 1970s when he took part in a number of programmes about his scientific intelligence work during the War.

Section L, Correspondence, is relatively short since many of the letters Jones received were filed by subject, with the result that they appear in other sections. There are, however, significant sequences of correspondence with two friends, Sir Harold Hartley and Henry Cobden Turner as well as material relating to references and recommendations by Jones.

Section M, Non-textual material, consists largely of slides relating to the Second World War, research interests and the history of science. There is also a video cassette of the Memorial Service for Jones at King's College, Aberdeen in 1998.

There is also an index of correspondents.

LOCATIONS OF FURTHER MATERIAL

Further wartime papers are held in the Public Record Office (DEFE 40).

An extensive collection of Jones' personal papers is held by his son, Mr Robert Jones.

Alan Hayward
Bath 2000

SECTION A

BIOGRAPHICAL

A.1-A.302

A.1-A.20	BIOGRAPHICAL AND AUTOBIOGRAPHICAL
A.21-A.111	CAREER, HONOURS AND AWARDS
A.112-A.200	'BOUQUETS AND BRICKBATS'
A.201-A.204	FAMILY
A.205-A.233	DIARIES
A.234-A.272	PRESS CUTTINGS
A.273-A.302	SOCIAL INVITATIONS

A.1-A.20	BIOGRAPHICAL AND AUTOBIOGRAPHICAL	1969-1998
A.1	<p>Memorial service for Jones, King's College Chapel, University of Aberdeen, 27 April 1998.</p> <p>Order of service.</p> <p>For a videotape of the service see M.50.</p>	
A.2-A.5	<p>Requests for information from publishers of biographical source-books, with copies of Jones' entries, 1969-1993.</p> <p>4 folders.</p>	
A.6-A.11	<p>Interviews and biographical articles.</p>	
A.6	<p>Cutting of an article entitled 'Yuletide science', <i>New Scientist</i>, 20 December 1973.</p> <p>The article consists of recollections of a memorable Christmas by a number of eminent scientists. The contribution by Jones relates to an episode on Christmas Eve, 1940.</p>	
A.7	<p>Photocopy of a short article on Jones in <i>The Edward Alleyn Magazine</i>, October 1978.</p>	
A.8	<p>Correspondence and papers <i>re</i> an article on Jones by D. Nye entitled 'A Minority of One', 1978.</p> <p>Includes photocopy of 9pp annotated typescript draft of the article.</p> <p>The article was published in the magazine <i>The Old Lady of Threadneedle Street</i> in December 1978.</p>	
A.9	<p>Correspondence and papers <i>re</i> an interview of Jones for the French magazine <i>Histoire</i>, 1980.</p> <p>Includes 4pp annotated transcript of the interview.</p>	
A.10	<p>Cutting of an article on Jones, <i>Aberdeen Leopard</i>, November 1981.</p>	

- A.11 *The Quantum*, no.4, July 1995.
- This University of Aberdeen publication contains an interview with Jones by Stuart Leadstone, a former student.
- A.12-A.20 Autobiographical writings.
- A.12-A.15 Contribution by Jones to *The Making of physicists* edited by R. Williamson (Adam Hilger, 1987).
- This was a book of reminiscences by physicists about their university studies during the period between the two world wars. The article by Jones was entitled 'Oxford Physics in Transition: 1929-1939'.
- A.12 1p manuscript notes; 29pp manuscript draft.
- A.13 18pp annotated typescript draft.
- A.14 Correspondence relating to the article, 1985-1988.
- A.15 Background material.
- A.16 12pp typescript entitled 'The writer of my Biographical memoir for the Royal Society and others may be interested', with background material, n.d.
- The main subjects of this typescript note by Jones are his failure to receive a knighthood and the difficulties he experienced at the University of Aberdeen.
- A.17-A.20 'Cameos'. Contents of box file so labelled.
- This material may have been assembled by Jones with a view to publishing a book of his anecdotes.
- A.17 Manuscript lists of subjects and titles, 1991-1992, n.d.
- A.18 'A kiss for the Queen', annotated photocopy of 6pp typescript by Jones relating to his visit to Moscow in 1960, n.d.

A.19 'Missing persons', annotated 5pp typescript *re* various security lapses, n.d.

A.20 8pp annotated typescript by Jones *re* a religious experience by his uncle, George May, n.d.; two letters to Jones from his uncle, 1935; photograph of George May, n.d.

A.21-A.111

CAREER, HONOURS AND AWARDS

1928-1996

A.21 School timetable, 1928.

This timetable, written on the front of a blank postcard, bears the annotation 'R.V. Jones's timetable – Alleyn's School Dulwich 1928-9 (Scholarship year)'.

A.22 Appointment as a Companion of the Order of the Bath, 1946.

Warrant, 1 January 1946.

A.23-A.25 Appointment as Professor of Natural Philosophy, Aberdeen University, 1946.

A.23 Duplicated typescript copy of Jones' application for the Chair of Natural Philosophy, 13 February 1946; two letters to Jones from W.H. Fyfe, Principal and Vice-Chancellor of the University of Aberdeen, *re* his appointment, May 1946.

A.24 Letters to Jones from his referees, 1945-1946; manuscript draft letter of thanks from Jones to Sir Winston Churchill, 15 May 1946.

A.25 2pp typescript memorandum by Jones *re* his possible resignation from the Air Ministry, 20 February 1946; 9pp typescript letter of resignation as Director of Intelligence (Research) by Jones, 31 May 1946, with reply, 29 July 1946.

A.26 Award of the United States Medal of Freedom with Silver Palm, 1946.

Citation, and list of other recipients, 9 August 1946.

- A.27 Award of the United States Medal of Merit, 1947.

Citation and certificate, 15 October 1946.
- A.28 Admission to Fellowship of the Royal Society of Edinburgh, 1949.

Letter to Jones *re* his election as a fellow, 7 March 1949.
- A.29 2pp manuscript draft letter by Jones *re* his possible membership of the
Scientific Advisory Council, *ca* 1964.
- A.30-A.46 Admission to Fellowship of the Royal Society, 1965.
- A.30-A.43 Letters of congratulation, 1965.

These are largely unindexed.

14 folders.
- A.44 23pp typescript list of Fellows of the Royal Society who sent congratulatory
letters.
- A.45 Papers relating to Jones' formal admission to the Royal Society on 29 April
1965.
- A.46 Miscellaneous items.
- A.47 Admission to the Royal Society for the Encouragement of Art, Manufactures
and Commerce, 1969.

Letter to Jones *re* his election, 10 March 1969.
- A.48 Award of Honorary Degree of Doctor of the University of York, 1976.

4pp annotated typescript speech.

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| A.49, A.50 | Award of Honorary Degree of Doctor of the Open University, 24 June 1978. |
| A.49 | Correspondence <i>re</i> arrangements, 1978; certificate. |
| A.50 | Photocopy of 3pp typescript speech by N.E. Butcher, presenting Jones for his Honorary Degree; 5pp typescript speech by Jones on behalf of the Honorary Graduates. |
| A.51, A.52 | Admission to the Fellowship of the College of Preceptors, 18 October 1978. |
| A.51 | Correspondence and papers <i>re</i> arrangements, 1978. |
| A.52 | 8pp typescript speech by Jones, with 8pp annotated typescript draft. |
| A.53 | Award of Honorary Degree of Doctor of Laws, University of Bristol, July 1979.

At the congregation Jones was presented for his Honorary Degree by Sir Charles Frank.

Printed booklet of addresses, containing Frank's oration on behalf of Jones; certificate; photograph; etc. |
| A.54 | Award of Honorary Degree of Doctor of the University of Surrey, 30 November 1979.

Correspondence, 1979-1980; certificate; 5pp annotated typescript draft speech by Jones on behalf of the Honorary Graduates. |
| A.55 | Award of Associate Membership of the Association of Old Crows, 1982.

Certificate, 30 July 1982. |
| A.56 | Appointment as a Companion of Operational Research by the Operational Research Society.

Certificate, 30 September 1983. |

- A.57 Honorary Freeman of the Worshipful Company of Clockmakers, 1984.
Certificate, 9 April 1984.
- A.58-A.78 Award of the R.V. Jones Intelligence Medal by the Central Intelligence Agency (CIA), 1993.

Jones was the first recipient of this medal named in his honour. The award was presented to him at the CIA Headquarters, near Washington DC, on 27 October 1993.

This material was found together in a box file labelled 'CIA Medal'.
- A.58-A.62 Letters of congratulation, with replies by Jones, 1993-1994.

5 folders.
- A.63 Newspaper cuttings and photocopies of articles *re* the award, 1993.
- A.64-A.67 Correspondence and papers relating to the visit to the United States to receive the medal, 1993-1994.

4 folders.
- A.68 Photocopy of 11pp typescript address by Jones, with 9pp annotated draft.

The address was given at a CIA Seminar on 26 October 1993.
- A.69 *Studies in Intelligence* **38**, no.5 (1995).

Jones' seminar address was published in this CIA publication as 'Some Lessons in Intelligence'.
- A.70 10pp and 6pp typescript draft speeches by Jones.

The shorter of these two drafts bears the annotation by Jones 'The above was the draft of what I thought of saying at the CIA Ceremony of 27 October 1993 – but in fact I discarded notes and spoke extempore'.

- A.71, A.72 Photographs of Jones taken during the visit.

14 items, in 2 folders.
- A.73, A.74 Correspondence and papers relating to the 2nd R.V. Jones Intelligence Award, 1994-1995.

Jones visited the United States 10-16 December 1994 and attended the ceremony as a guest.

2 folders.
- A.75-A.78 Correspondence and papers relating to the 3rd R.V. Jones Intelligence Award, 1996.

Jones visited the United States 10-16 March 1996 to participate at the award ceremony.

4 folders.
- A.79-A.110 Appointment as a Companion of Honour, 1994.

Contents of a box file labelled 'CH letters'.
- A.79 4pp typescript letter to the Prime Minister by I. Scott Sutherland seeking greater recognition for Jones' achievements, 13 April 1989.
- A.80 Correspondence *re* arrangements for Jones to receive the honour etc, 1994.
- A.81 Two newspaper cuttings *re* the honour, 1994.
- A.82-A.109 Letters of congratulation, 1994-1995.

Jones received many letters of congratulation, which he arranged into categories. This arrangement has been retained.

The letters are largely unindexed.
- A.82-A.85 'Aberdeen'.

4 folders.

A.86, A.87	'Academe'. 2 folders.
A.88, A.89	'Formals'. 2 folders.
A.90-A.92	'Friends'. 3 folders.
A.93-A.95	'Science'. 3 folders.
A.96-A.99	'Services'. 4 folders.
A.100-A.102	'Students'. 3 folders.
A.103-A.105	'Westminster'. 3 folders.
A.106	'Widows'.
A.107-A.109	'Misc.'. 3 folders.
A.110	1p manuscript list by Jones of telephone calls received, 11-13 June 1994.

A.111 Two 2pp manuscript draft letters by Jones, declining possible job offers, n.d.

A.112-A.200 'BOUQUETS AND BRICKBATS' 1929-1997, n.d.

This sequence of correspondence and papers was found in five box files labelled 'Bouquets and brickbats'.

The material relates to a wide variety of matters, including honours and awards received by Jones, his service on committees and the acceptance of articles by him for publication. There are also many letters of appreciation sent to Jones regarding his war work and his lectures and publications. Although largely complimentary some of the material relates to criticisms of Jones, which he appears to have felt quite sharply.

Taken together with the material in the preceding sub-section this sequence provides a useful overview of Jones' career.

A.112 1929, 1935, 1936, 1942.

Includes correspondence *re* the award of a CBE in 1942.

A.113 1946.

Includes letters relating to his appointment to the Chair of Natural Philosophy at the University of Aberdeen.

A.114 1950-1953.

A.115 1954-1955.

A.116 1956-1957.

A.117 1958.

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| A.118, A.119 | 1959.

Includes correspondence <i>re</i> the award of the Duddell Medal of the Physical Society.

2 folders. |
| A.120 | 1960.

Includes correspondence <i>re</i> an adverse referee's report on Jones' paper 'The velocity of light in a transverse magnetic field'; invitation to join the Scientific Advisory Council (declined). |
| A.121 | 1961.

Includes 2pp BBC audience research report on Jones' radio broadcast 'Emotion, Science and the Bomber Offensive'. |
| A.122, A.123 | 1962.

Includes newspaper cutting of article <i>re</i> Jones entitled 'Wolverhampton was saved by an unknown boffin', 8 October 1962.

2 folders. |
| A.124, A.125 | January-June 1963.

2 folders. |
| A.126, A.127 | July-December 1963.

Includes letters to Jones <i>re</i> his article in <i>The Times</i> <i>re</i> the Robbins Committee.

2 folders. |
| A.128 | August-September 1963.

Letters of congratulation to Jones <i>re</i> his secondment to the Ministry of Defence. |
| A.129 | 1964. |
| A.130, A.131 | 1965. |

2 folders.

A.132 1966.

A.133, A.134 1967.

2 folders.

A.135, A.136 1968.

Includes letter to Jones inviting him to become an Honorary Fellow of Wadham College, Oxford, 18 March 1968.

2 folders.

A.137, A.138 1969.

Includes correspondence and papers *re* the award of an Honorary D.Sc. to Jones by the University of Strathclyde on 11 April 1969.

2 folders.

A.139, A.140 1970.

Includes correspondence *re* difficulties in the Department of Natural Philosophy at the University of Aberdeen.

2 folders.

A.141 1971.

A.142, A.143 1972.

Includes correspondence *re* the award of the Sir Harold Hartley Medal to Jones by the Institute of Measurement and Control.

2 folders.

A.144 1973.

Includes 2pp typescript letter to *The Times* *re* chaos at Heathrow Airport, 5 June 1973.

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| A.145-A.147 | 1974.

Includes newspaper cuttings <i>re</i> Jones's work during the Second World War.

3 folders. |
| A.148-A.150 | 1975.

3 folders. |
| A.151-A.153 | 1976.

3 folders. |
| A.154-A.156 | 1977.

General correspondence; miscellaneous newspaper cuttings <i>re</i> Jones.

3 folders. |
| A.157, A.158 | January 1977.

Letters of appreciation and photocopies of press cuttings <i>re</i> the television broadcasts 'The Secret War' and 'The Secret War of Dr Jones', in which Jones appeared.

2 folders. |
| A.159 | May 1977.

Correspondence <i>re</i> the offer of a knighthood (declined by Jones). |

A.160, A.161	1978. 2 folders.
A.162	1979.
A.163	1980.
A.164	1981. Includes brief correspondence <i>re</i> Jones' election as an Honorary Fellow of Balliol College, Oxford.
A.165, A.166	1982. 2 folders.
A.167-A.170	1983. Includes two letters to Jones from the Prince of Wales. 4 folders.
A.171-A.173	1984. Includes photocopy of 8pp manuscript review by Jones of <i>Cockcroft and the Atom</i> by G. Hartcup and T.E. Allibone (Adam Hilger Ltd, 1984), with related correspondence. This review was commissioned by <i>The Times Higher Education Supplement</i> but subsequently rejected.
A.174, A.175	1985. 2 folders.
A.176	1986.

A.177, A.178	1987. 2 folders.
A.179, A.180	1988. 2 folders.
A.181	1989.
A.182, A.183	1990. 2 folders.
A.184, A.185	1991. 2 folders.
A.186, A.187	1992. 2 folders.
A.188, A.189	1993. Includes certificate and citation for the Medal for Scientific Acumen, Artfully Applied in the Cause of Freedom, awarded to Jones by the CIA. 2 folders.
A.190, A.191	1994. 2 folders.
A.192, A.193	1995. Includes brief correspondence <i>re</i> the award of an Honorary Degree by the University of Aberdeen, June 1995. 2 folders.

A.194-A.197 1996.

4 folders.

A.198 1997.

A.199 n.d.

A.200 Photocopies of printed material *re* Jones, 1989-1991, n.d.

A.201-A.204 FAMILY

A.201 Letter to Jones from his father, 14 July 1934.

A.202 Photograph of Rosemary Jones (his youngest daughter), July 1961.

A.203 Cutting of newspaper article in *Glasgow Herald* containing interview with Susan Addison (Jones' eldest daughter) *re* her fears for her father's reputation following his involvement with the International Cultural Foundation, 7 March 1979.

A.204 Typescript drafts by Jones *re* his daughter, Susan Addison, following her death, 1992.

A.205-A.233 DIARIES 1940, 1951-1988

A series of twenty nine pocket diaries, containing notes of appointments and meetings. These are mostly University of Aberdeen diaries, which include printed information about members of staff and the organisation of the University.

A.205	1940. Contains entries for the period January-May 1940.
A.206	1951.
A.207	1954.
A.208	1957.
A.209	1958.
A.210	1959.
A.211	1960.
A.212	1960-62. Contains entries for the period January 1961-March 1962.
A.213	1961-63. Contains entries for the period January 1962-March 1963.
A.214	1962-63. Contains entries for the period August-December 1963.
A.215	1963-64.
A.216	1964-65.

A.217 1965-66.

A.218 1966-67.

A.219 1968-69.

A.220 1969-70.

A.221 1970-71.

A.222 1971-72.

A.223 1972-73.

A.224 1973-74.

A.225 1974-75.

A.226 1975-76.

A.227 1976-77.

A.228 1977-78.

A.229 1978-79.

A.230 1982.

A.231 1985.

A.232 1986.

A.233 1988.

A.234-A.272

PRESS CUTTINGS

1946-1995, n.d.

This material was found together in four box files labelled 'RVJ Press'.

The press cuttings relate almost entirely to Jones and cover a wide variety of subjects. These include his war work, his research work at Aberdeen, lectures, defence and intelligence issues and social events attended by him. There are a small number of cuttings relating to his wife and children.

A.234 1946.

A.235 1947.

A.236 1949-1950.

A.237 1952.

A.238 1954.

A.239 1955.

A.240 1956.

A.241 1957.

A.242	1958.
A.243	1959.
A.244	1961-1962.
A.245	1963.
A.246	1964.
A.247	1965.
A.248	1966.
A.249	1967.
A.250	1968.
A.251	1969.
A.252	1970.
A.253	1971.
A.254	1973.
A.255	1974.

A.256	1976.
A.257, A.258	1977. Includes 8pp typescript press release by Yorkshire Television re its documentary 'The Secret War of Dr. Jones', January 1977. 2 folders.
A.259	1978.
A.260	1979-1980.
A.261	1981.
A.262, A.263	1982. 2 folders.
A.264	1983.
A.265	1984.
A.266	1985.
A.267	1986.
A.268	1987.
A.269	1989, 1991, 1993.
A.270	1994.
A.271	1995.

A.272 n.d.

A.273-A.302

SOCIAL INVITATIONS

1947-1979

This material was found together in a box file labelled 'Invitations'. It consists of invitations to attend dinners and various other social events, with copies of replies.

A.273 1947.

A.274 1954.

A.275 1955.

A.276 1956.

A.277 1957.

A.278 1958.

A.279 1959.

A.280 1960.

A.281 1961-1962.

A.282	1963.
A.283	1964.
A.284	1965.
A.285	1966.
A.286, A.287	1967. 2 folders.
A.288	1968.
A.289	1969.
A.290	1970.
A.291	1971.
A.292	1972-1973.
A.293	1974.
A.294, A.295	1975. 2 folders.
A.296	1976.

A.297 1977.

A.298, A.299 1978.
2 folders.

A.300-A.302 1979.
3 folders.

SECTION B

**SECOND WORLD WAR
B.1-B.613**

B.1-B.215	WARTIME REPORTS AND DOCUMENTS
B.216-B.524	HISTORY OF THE SECOND WORLD WAR
B.525-B.604	CORRESPONDENCE WITH WARTIME COLLEAGUES AND VETERANS
B.605-B.613	ADDITIONAL MATERIAL

B.1-B.215 WARTIME REPORTS AND DOCUMENTS

B.1-B.144	Air Scientific Intelligence reports
B.145-B.179	'1939-1945 Documents'
B.180-B.192	German infra-red research
B.193-B.203	Control Commission for Germany
B.204-B.215	Miscellaneous

B.1-B.144 Air Scientific Intelligence reports 1939-1971

Contents of a sequence of six box files labelled 'A.S.I Reports'. This material is divided up by subject following the original arrangement by Jones. The reports and memoranda are duplicated typescript copies unless otherwise indicated.

Two lists of Air Scientific Intelligence reports can be found at B.1.

B.1-B.85	'Beams / Radar'
B.86-B.105	'V1-V2'
B.106-B.132	'Organisation'
B.133-B.144	'Translations'

B.1-B.85 **'Beams / Radar'** 1939-1946

B.1 Two 3pp typescript lists of Air Scientific Intelligence reports.

B.2 'The Hitler "Waffe"', 6pp + appendices, 11 November 1939.

B.3 'Scientific Intelligence Report No.3', 3pp typescript, 14 February 1940.

B.4 'Night detection of aircraft', 1p, 14 March 1940.

- B.5 'Monthly report to D.S.R [Director of Scientific Research] No.1 for April 1940', 10pp typescript, 30 April 1940.
- B.6 'Report no.5. Indications of new German weapons to be used against England', 5pp, 23 May 1940.
- B.7 'Report no.6. The Crooked Leg', 11pp, 28 June 1940.
- B.8 2pp typescript memorandum *re* a visit to 'O.C., Bircham Newton, and the R.D.F station at West Beckham [Norfolk]', 5 July 1940.
- B.9 'Report no.7. The Edda revived', 5pp, 17 July 1940.
- B.10 'Monthly Summaries Nos. 3 and 4', 6pp, 31 July 1940.
- B.11 'Knickebein, Cherbourg', 1p, 4 August 1940.
- B.12 'Report no.8. Freya', 5pp, 14 August 1940.
- B.13 'Monthly Summary No.5 for August 1940', 6pp, 31 August 1940.
- B.14 'Interim report. The X-Gerät', 3pp, 11 September 1940.
- B.15 'Report no.9. Knickebein photographed', 3pp, 20 September 1940.
- B.16 'Interim report no.2. The X-Gerät', 6pp, 24 September 1940.

- B.17 'Interim report no.3. The X-Gerät', 1p, 5 October 1940.
- B.18, B.19 'Report No.10. The X-Gerät', 12 January 1941.
- B.18 22pp + appendices + photographs and figures.
- B.19 Card cover for the report annotated by Jones with the following information:

'This copy has all Lywood's comments, copied from his copy by Harold Blyth when C.A.S recalled the report. As regards his second comment on p.19 I sent him back his copy when the report was re-issued, having added to it Pitt's reply to Walpole "The atrocious crime of being a young man...". R.V.J 5.2.61'.
- B.20 'Interim report. Benito', 8pp, 5 February 1941.
- B.21 'Report no.11. The photoelectric steered bomb in Germany', 9pp, 13 May 1941.
- B.22 'Interim report. Radio aids to German Nightfighters', 3pp, 15 June 1941.
- B.23 'Report no. 12. German beam policy', 20pp + appendix + photographs, 23 July 1941.
- B.24 'Report no.13. D.T.', 42pp + appendices, 10 January 1942.
- B.25 'Radio aids to Flak', 6pp, 17 January 1942.
- B.26 'The expected influence of the loss of Rebecca on German Airborne R.D.F. policy', 2pp typescript, 10 March 1942.

- B.27 2pp memorandum *re* the discovery of 'a new type of German R.D.F. apparatus in Holland and Belgium', 6 April 1942.
- 1p memorandum *re* the discovery of 'a new large Wuerzburg ("basket") apparatus', 9 June 1942.
- B.28 'Report no.14. German Applications of Infra-Red', 6pp, 10 June 1942.
- B.29 'Interim report. German A.S.V.', 1p, 20 June 1942.
- B.30 'Notes on German Nightfighters', 4pp, 24 June 1942.
- B.31, B.32 'Report no.15. The intelligence aspect of the Bruneval Raid', 23pp + appendices + photographs and figures, 13 July 1942.
- 2 folders.
- B.33 'Interim report. German coast watching R.D.F. Stations', 3pp + appendix + photographs, 28 July 1942.
- B.34 'German equipment for ship detection in the Straits of Gibraltar', 5pp, 15 September 1942.
- B.35 'Report no.16. German knowledge of "Window"', 3pp, 24 October 1942.
- B.36 'Interim report. "Hoardings"', 5pp + figures, 21 November 1942.
- B.37, B.38 'Report no.I. German Nightfighter Control', 44pp + appendices + figures, photographs and map, 29 December 1942.
- 2 folders.
- B.39 'The effect of "Window" on German R.D.F. Defences', 11pp, 4 January 1943.

- B.40 'Interim report. German R.D.F. in Air/Sea Warfare', 3pp, 21 January 1943.
- B.41 'Repercussions of H₂S on Air/Sea Warfare', 2pp typescript, 23 January 1943.
- B.42 'Report no.II. "J"', 5pp, 30 January 1943.
- B.43, B.44 'Report no.17. The German controlled Nightfighter system', 12 February 1943.
- B.43 16pp + appendix + figures, photographs and map.
- B.44 Card cover for the report, with printed labelled attached.
- B.45 'Report no.18. Germonica', 4pp, 27 February 1943.
- B.46 'Interim report. "Chimney"', 3pp + photograph and figure, 17 March 1943.
- B.47 'Report no.III. Mandrel results', 5pp + map, 29 March 1943.
- B.48 'Interim report. Enemy A.S.V. investigation', 2pp, 22 April 1943.
- Map entitled 'German Night Fighters: areas and controls', 24 April 1943.
- B.49 'Report no.IV. Early German reactions to Window', 8pp, 3 August 1943.
- B.50 'Amendment to Air Scientific Intelligence Report no.17', 1p, 6 August 1943.
- 'Interim report. German A.S.V.: Hohentwiel', 2pp, 18 August 1943.

- B.51 'Interim report. The effect of Window on German night defences', 4pp, 4 October 1943.
- B.52 'German nightfighter beacons', 1p, 18 October 1943.
- 'Report no.19. "Spanner"', 2pp, 27 November 1943.
- B.53 'Interim note on Italian radar', 2pp, 4 December 1943.
- B.54 'Report no.20. German ground radar characteristics', 22pp + figures, 14 December 1943.
- B.55 'Report no.21. Bomber losses and German claims from December 1942 to May 1943', 6pp + appendices, n.d.
- B.56 'Report no. VI. "Flames"', 3pp, 8 January 1944.
- B.57 'Report no.23. Control and plotting at a German G.C.I. station', 15pp, 28 February 1944.
- B.58 'Report no.101. German radar development', 9pp, 6 March 1944.
- B.59 'Report no.89. The Fuge 25A bombing procedure', 11 March 1944', 5pp + figure, 11 March 1944.
- B.60 'Report no.24. Recognition of German ground radar', 46pp including photographs and figures, 21 March 1944.
- B.61 'Report no.22A (revised). The location of German coastal radar between Skagen and Bayonne', 24pp + figures, 10 April 1944.
- B.62 'Report no.103. German radar development', 5pp, 25 April 1944.
- B.63 1p note *re* German successes with airborne radar, 4 May 1944.

4pp amendment list to report no.22A, 27 June 1944.

- B.64 'Report no.107. German radar progress', 6pp + appendices + photograph, 29 June 1944.
- B.65 'Report no.27. Würzburg anti-jamming devices', 6pp + appendices, 12 July 1944.
- B.66 'Report no.73. Raid-Tracking Organisation (Flugwegverfolgung)', 3pp, 13 July 1944.
- B.67 'Interim report on the FuGe 220 and FuGe 227', 1p, 15 July 1944.
- 'Interim report. Enemy use of American I.F.F.', 1p, 9 August 1944.
- B.68 'Report no.28. Summary of characteristics of German decimetre communications equipment', 10pp + illustrations, 2 September 1944.
- B.69 'Interim report. Jagdschloss', 2pp + appendices + figures, 6 October 1944.
- B.70 'Report no.79. The present eclipse of the German nightfighters', 15pp, 16 November 1944.
- B.71 'Interim report. Heidelberg', 3pp + appendix, 24 November 1944.
- B.72 'Report no.29. Camouflage against H2S', 3pp + photograph and maps, 5 December 1944.
- B.73 'Report no.30. The location of German radar and special radio stations in Western Europe', 98pp + figures, 10 December 1944.
- B.74 1p notes re German nightfighter activities, with 2pp appendices, 15 December 1944.

- B.75 'Report no.251. German infra-red development', 16pp + appendices + illustrations, 25 January 1945.
- B.76 'Report no.31. Mannheim', 7pp + appendix + figures, 25 January 1945.
- B.77 'Report no.109. Recent developments in German radar', 9pp, 22 February 1945.
- B.78 'Interim report. Elefant – German CH', 3pp + figures, 20 March 1945.
- B.79 'Report no.83. Recent developments in German route tracking and RCM', 6pp, 26 March 1945.
- B.80 'Report no.33. Benito control of fighters and Egon control', 18pp + appendices + figures, 20 April 1945.
- B.81, B.82 'Report no.34. Characteristics of German ground radar', 79pp + appendix + figures, April 1945.
2 folders.
- B.83, B.84 'Interim report. Air Scientific Intelligence in War, 1939-45', 68pp, 1 April 1946.
2 folders.
- B.85 'Pigeons', 1p, n.d.

B.86-B.105	'V1-V2'	1943-1945
B.86	'Interim report. German long range rockets', 9pp, 26 June 1943.	
B.87	'Special notes. The Flakzielgerät 76', 3pp, 14 September 1943.	
B.88	Untitled 9pp report <i>re</i> the likelihood of German research into long range rockets at Peenemünde, 25 September 1943.	
B.89	'Report no.V. German pilotless aircraft', 25pp + appendices + figures, 23 December 1943.	
B.90	'Interim report. BV 246', 1p + figures, 26 April 1944.	
B.91	'Second interim report. BV 246', 2pp, 6 May 1944.	
B.92	Photocopy of 3pp note <i>re</i> the German long range rocket, July 1944. This note was prepared for the War Cabinet 'Crossbow' Committee.	
B.93	'Crossbow Intelligence. First weekly summary', 2pp, 30 July 1944. 'Flying bombs launched from aircraft', 1p, 1 August 1944.	
B.94	'Crossbow. Second weekly summary', 1p, 6 August 1944. 1p additional notes to the second weekly report, 7 August 1944.	
B.95	'Tentative report on the nature of lemon squeezers', 1p cartoon, 10 August 1944.	

- B.96 'Crossbow. Third weekly summary', 2pp, 13 August 1944.
- 'Crossbow. Fourth weekly summary', 1p, 20 August 1944.
- B.97, B.98 'Interim report. A4', 41pp + appendices + photographs and figures, 26 August 1944.
- 2 folders.
- B.99 'Crossbow. Fifth weekly report', 1p, 27 August 1944.
- 'Crossbow. Sixth weekly summary', 1p, 12 September 1944.
- B.100 'Scientific notes no.1. Elementary theory of long range rockets', 31pp + figures, 25 September 1944.
- B.101 1p note relating to German rockets, 22 October 1944.
- 'Interim report. An analysis of rocket activity and rocket reporting in the first week of November 1944', 7pp + figure and maps, 18 November 1944.
- B.102 'Most secret evidence concerning the nature of T-Stoff', 3pp typescript, ca 1944.
- B.103 1p note *re* the elevation of rockets fired against London, 11 January 1945.
- B.104 'Interim report. An explanation of the fall of shot pattern of the A4 Rocket', 10pp + appendices + figures, 1 March 1945.
- B.105 'Interim report. Mimoyecques: HDP', 1p, 26 April 1945.
- 'A sidelight on Mimoyecques', 1p + appendix, 11 May 1945.

B.106-B.132	'Organisation'	1939-1971
	Reports and correspondence etc, largely relating to the organisation of scientific intelligence.	
B.106-B.117	Reports, 1939-1953, n.d.	
B.106	'A scientific intelligence service', 14pp + appendices, 7 December 1939.	
B.107	'Report no.131. Air technical liaison between Germany and Japan', 8pp, 16 October 1944.	
B.108	'Report no.32. The war organisation of German science', 8pp + appendix, 29 March 1945.	
B.109	'An improved scientific intelligence service', 6pp, 2 May 1945.	
B.110	'German scientists, October 1945', 4pp, 18 October 1945.	
B.111	'A Scientific Staff College', 4pp typescript + appendix, 8 November 1945.	
B.112	'The peacetime establishment of air scientific intelligence', 7pp + figure, 13 December 1945.	
B.113	'Scientific intelligence in the SIS, 1939-45', 12pp typescript and manuscript draft, ca 1945.	
B.114	'The secret intelligence service', 6pp, 15 April 1946.	
B.115	Untitled 16pp <i>re</i> problems in the organisation and staffing of scientific intelligence, 17 November 1952.	

- B.116 'Atomic energy intelligence', 9pp, 24 November 1953.
- B.117 'Casual sources', 2pp, n.d.
- B.118-B.129 Correspondence and papers relating to the organisation of scientific intelligence, 1939-1971, n.d.
- B.118 1939-1940.
- B.119 1941.
- B.120, B.121 1942.

Includes 3pp typescript note by Jones *re* the organisation of Hut 3 at Bletchley Park, 2 February 1942.

2 folders.
- B.122 1943.

Includes 2pp typescript letter to the Secretary of the Institute of Physics *re* the planning of post-war Science, 3 February 1943, with 3pp manuscript draft.
- B.123, B.124 1944.

Includes 1p manuscript letter of resignation by Jones, 29 July 1944; correspondence *re* a visit to Romania by J.C.E. Jennings to examine radar equipment.

2 folders.
- B.125 1945.
- B.126 1946.

- B.127 1947.
- B.128 1949-1971.
Includes 3pp typescript minute by Jones *re* atomic energy intelligence, 12 November 1953.
- B.129 n.d.
Includes 2pp manuscript draft by Jones entitled 'The duties of D.D.I. 4 and A.D.I. (Science) overlap'.
- B.130 Correspondence *re* lectures by Jones to Royal Air Force staff courses, 1943-1945.
- B.131, B.132 Manuscript drafts and notes by Jones.
This material was found together with a note by Jones identifying the material as 'Mainly odd pages of Ms drafts concerning organisation 1941-4'. It includes drafts of talks by Jones
2 folders.
- B.133-B.144 **'Translations'** 1944-1946
A sequence of translations of German technical documents.
- B.133 'No.1. Mammut F.', 15pp + figures, 13 November 1944.
- B.134 'No.2. FuMB 26 ("Tunis")', 21pp + figures, 14 November 1944.
- B.135 'No.3. Anti-jamming procedures for flak control radar', 43pp + figures, 12 January 1945.
- B.136 'No.4. Giant Würzburg turning gear', 19pp + figures, 26 March 1945.

- B.137 'No.5. Fine bearing presentation for Freya and Seetakt', 13pp + diagrams, 9 April 1945.
- B.138 'No.6. Window Jamming and Spoofing in the Jagdschloss, 5pp + figures, 25 April 1945.
- B.139 'No.7. Wassermann M II and M IV Broadband Phase-shifter', 9pp + figures, 7 May 1945.
- B.140 'No.8. "Radar News No.19"', 18pp + figures, 15 July 1945.
- B.141 'No.9. Gema Attachment in Würzburg Riesen', 16pp + figures, 15 July 1945.
- B.142 'No.10. "Elektra-Sonne"', 30pp + figures, 17 July 1945.
- B.143 'No.12. Homing devices Max-A and Max-P', 7pp + appendix + figures, 1 January 1946.
- B.144 'No.14 (Revised Edition). Accuracy and deviation of the "Sonne" long wave beam system by day and night', 10pp + figures, 18 March 1946.

B.145-B.179 '1939-1945 Documents' 1939-1982

Contents of a sequence of three box files labelled '1939-1945 Documents'. The material is divided up by subject following the original arrangement by Jones.

B.145-B.165 'Beams / Radar'

B.166-B.179 'V1-V2'

B.145-B.165	'Beams / Radar'	1940-1978
B.145-B.149	Correspondence, 1940-1976.	
B.145	1940-1941.	
B.146	1942.	
B.147	1943-1944.	
B.148	1947-1950.	
B.149	1962, 1976, n.d.	
B.150	'The Intelligence Aspect of the Bruneval Raid', 4pp typescript by Jones, ca 1942.	
B.151	'Paratroop attack on German R.D.F. Station, Cap D'Antifer, 27/28th February 1942. Account from German side', 5pp typescript + sketches by A.I. I(k) (Air Intelligence, Prisoner Interrogation), 19 March 1942, with covering notes.	
B.152-B.156	Reports, committee papers, memoranda etc relating to air warfare, 1942-1945, 1951, 1955, 1973, n.d. 5 folders.	
B.157	'War in the ether. Radio Countermeasures in Bomber Command. Europe, 1939-1945', photocopy of 69pp typescript + appendices + index, with card covers, 1978. This photocopied text was issued by the RDA Technical Information Center in 1978. The original text was issued by the Signals Branch of Bomber Command in October 1945.	

- B.158, B.159 'The Radio War', photocopy of 94pp annotated typescript + appendices by R. Cockburn, T.R.E. (Telecommunications Research Establishment), 1945, with related material.
- 2 folders.
- B.160 Part of a German map of Belgium, n.d.
- This map is reproduced in *Most Secret War* with the description 'Part of a German map stolen by a Belgian patriot (agent Tégall) 20 April 1942, showing the entire radar and searchlight dispositions in one box (No. 6B) of the Kammhuber Line. The box of 27 searchlights occupies a front of 30 kilometres'.
- B.161 Two sketches of a German radar station on the Island of Fanø, n.d.; sketch of a Knickebein installation at Beaumont Hague, 1940.
- These sketches are reproduced in *Most Secret War*.
- B.162 Map of Bomber Command raid tracks for 8/9 September 1942, annotated by Jones; map showing the location of a German radar station at St. Pabu, near Brest.
- Both of these maps are reproduced in *Most Secret War*.
- B.163 Six sketches of a German fighter control station at Lantin, Belgium, signed 'Jocky', 1944.
- One of these sketches is reproduced in *Most Secret War* with the explanation that it is part '... of a set of sketches made by a Belgium patriot (a Brussels jeweller) who spent every night for a week in a German fighter control station which used the Y-system for locating its fighters'.
- B.164 Four photographs of a Junkers 88 nightfighter fitted with a Lichtenstein SN2 antenna, 1944.
- One of these is reproduced in *Most Secret War*.
- B.165 Miscellaneous manuscript drafts and notes by Jones.

B.166-B.179	'V1-V2'	1939-1982
B.166-B.170	Correspondence and papers, 1941-1982.	
B.166	1941-1950.	
B.167	1964, 1971-1974.	
B.168	1977. Includes letter to Jones from 'LHM', 9 April 1977, with 4pp typescript translation of a statement by H. Christiansen <i>re</i> the crash of a German V1 rocket on the island of Bornholm in August 1943 (see also B.573).	
B.169	1980. Brief correspondence with M. Howard <i>re</i> V1s and V2s; photocopy of 27pp typescript draft chapter by Howard entitled 'Crossbow'.	
B.170	1982.	
B.171	'The Rechlin demonstration and new German weapons', 4pp typescript, 22 December 1944.	
B.172	'The future of long range rockets', 10pp annotated typescript article by Jones, <i>ca</i> 1944, with photocopy of printed version.	
B.173, B.174	Reports, committee papers, memoranda etc relating to long range rockets, 1939-1944, n.d. 2 folders.	

B.175 German map of London, 1940.

This map is reproduced in *Most Secret War*, with the description 'Flak regiment 155(W)'s battle map showing (dark spots) fall of V-1s on London as reported by German 'agents' and (white spots) fall of V-1s as indicated by radio transmitters mounted in sample missiles.'

B.176 Six plans of a V-1 launching site at Bois Carré near Yvrench, 1943.

One of these is reproduced in *Most Secret War*.

B.177 Photographs taken during the inspection of a crater caused by the first V-2 rockets to hit London, September 1944; photograph of a V-2 rocket, 1945.

B.178 Printed material, 1948, 1978.

B.179 Manuscript and typescript notes.

B.180-B.192 German infra-red research 1944-1946

This material was kept together in a box file labelled 'I.R.'.

See also B.605-B.613.

B.180 Correspondence and papers, 1945.

Includes letter to F.C. Frank from R.H. Siddons, 13 February 1945, with typescript translations of notes by a Belgian glass blower who worked at Electroacoustic K.G. in Kiel, Germany; letter to Jones from E.O. Salant, 29 August 1945 returning 2pp typescript notes and manuscript diagrams entitled 'Papnitz'.

B.181, B.182 Papers relating to the interrogation of E. Kutzscher, 1945.

Kutzscher was Director of the Infra-Red Division of Electroacoustic K.G. in Kiel. Jones was involved in interviewing him.

2 folders.

B.183 'Translation of German shorthand notes on ELAC and ZEISS infra-red D/F equipments', 3pp typescript, n.d.

B.184-B.191 Copies of reports sent to Jones *re* German infra-red research, 1944-1946, n.d.

8 folders.

B.192 Two duplicated typescript research papers (in German), 1944, with 6pp typescript partial English translation.

B.193-B.203 Control Commission for Germany 1948-1951

Jones served from 1948 on the Physics Panel of Consultants to the Research Branch of the Control Commission for Germany.

The material relates to Jones' service on the Physics Panel and includes correspondence and copies of reports and laws. It is arranged in chronological order.

B.193-B.195 1948-1949.

Includes papers *re* the Physics Panel's visit to Germany in 1949.

This visit took place between 31 March and 9 April 1949. Its purpose was to investigate research work taking place in the British Zone of Germany to ensure that Law 25 on the Control of Research was being obeyed. Jones was accompanied by his fellow Panel members N.F. Mott and S. Chapman.

3 folders.

B.196-B.199 1950.

Includes correspondence *re* a report by F.C. Frank and A.C. Menzies on the impact of research laws on German researchers.

4 folders.

B.200-B.203 1951.

4 folders.

B.204-B.215 Miscellaneous 1938-1971

This material was found together in a box file labelled 'Angels'. It consists of miscellaneous papers relating to the Second World War.

B.204-B.209 Correspondence, 1939-1953, 1967-1971, n.d.

Includes 1p typescript entitled 'Plan April Fool' *re* an idea to drop a locked suitcase containing a high explosive charge at a predetermined spot in Germany, sent to Jones with a note, 18 February 1942.

6 folders.

B.210 4pp typescript and 1p photocopy of figures *re* the application of pulse methods to searchlights, Clarendon Laboratory, Oxford, 27 January 1938.

B.211 3pp manuscript notes of a talk by Jones at RAF Benson to the pilots of the Photographic Reconnaissance Unit, *ca* 1942.

B.212 2pp typescript note by Jones *re* the development of 'smell homers', 23 November 1945, with related letter to Jones, 7 December 1945.

B.213 5pp typescript notes with manuscript additions, annotated 'RAF Staff College Lecture Notes' on the first page, n.d.

B.214 Various manuscript drafts and notes, mostly by Jones.

B.215 Various drawings and sketches of German equipment.

B.216-B.524

HISTORY OF THE SECOND WORLD WAR

This material relates to the historical treatment of the Second World War. It is arranged by topic.

B.216-B.289	Churchill
B.290-B.300	Coventry
B.301-B.309	D-Day
B.310-B.321	Dowding
B.322-B.338	Farm Hall
B.339-B.363	Irving / Clark
B.364-B.399	Lindemann
B.400-B.409	Museums
B.410-B.460	Oslo Report
B.461-B.489	Radar
B.490-B.497	Royal Air Force
B.498-B.523	Tizard
B.524	Miscellaneous

B.216-B.289	Churchill	1946-1997
<p>A sequence of material relating to Sir Winston Churchill, found together in seven box files.</p>		
B.216-B.227	Correspondence with Churchill	
B.228-B.276	Publications and lectures	
B.277-B.288	General correspondence	
B.289	Newspaper cuttings	
B.216-B.227	Correspondence with Churchill	1946-1964
<p>This material relates largely to the drafting of Churchill's <i>The Second World War</i> and includes drafts and proofs of chapters.</p>		
B.216	1946-1948.	
B.217	1949.	
B.218-B.221	1950.	
<p>Includes brief correspondence <i>re</i> the shortage of school teachers in science.</p>		
<p>4 folders.</p>		
B.222	1951.	
<p>Correspondence <i>re</i> the chapter ' "Hitler's Secret Weapon" ' for volume V of <i>The Second World War</i>.</p>		
B.223-B.226	1953.	
<p>Correspondence and papers <i>re</i> the chapter 'The Pilotless Bombardment' for volume VI of <i>The Second World War</i>.</p>		
<p>4 folders.</p>		

B.227	1954-1964.	
B.228-B.276	Publications and lectures	1965-1996
	A short sequence of material relating to publications and lectures by Jones about Churchill.	
B.228-B.246	'Winston Leonard Spencer Churchill 1874-1965', <i>Biographical Memoirs of Fellows of The Royal Society</i> 12 , November 1966.	
B.228	Manuscript notes, including notes for lectures on Churchill, 1965.	
B.229	3pp typescript outline.	
B.230-B.233	Annotated photocopy of 140pp typescript draft. 4 folders.	
B.234	2pp revised typescript, paginated 115 and 116.	
B.235-B.240	Correspondence relating to the drafting of the Memoir, 1965-1966. 6 folders.	
B.241-B.246	Correspondence arising from the publication of the Memoir, 1967-1968. Mostly letters of appreciation. 6 folders.	
B.247	2pp typescript <i>re</i> the example set by Churchill, annotated 'Written for the Boys Brigade (Hamish Forbes August 1969)', n.d.	

- B.248-B.251 Letters to *The Times*, 11 May 1981, and *Daily Telegraph*, 11 June 1981.
- The subject of these two letters was the consideration given by Churchill to the use of chemical and biological warfare in 1944. Jones wrote the letters in response to an item on the BBC television programme *Newsnight*, in which he felt Churchill had been misrepresented.
- B.248 Copy of a telex message sent to N.D. McWhirter by Jones, containing the proposed text of his letter to *The Times*, 8 May 1981; 2pp typescript letter by Jones to the *Daily Telegraph*, 3 June 1981.
- B.249-B.251 Correspondence and papers relating to the *Newsnight* feature, 1981-1982.
- 3 folders.
- B.252, B.253 Letters to the *Guardian*, January 1984.
- These were written in response to letters published by R.W. Johnson which suggested that Churchill had foreknowledge of the Coventry raid.
- B.252 Photocopy of 2pp manuscript letter to the *Guardian* by Jones, 15 January 1984 (published on 20 January); 1p typescript letter to the *Guardian* by Jones, 25 January 1984 (unpublished).
- B.253 Correspondence and papers relating to the letters by Jones, 1984.
- B.254 Speech at Churchill Commemoration Dinner, Rotary Club of Westerham, Kent, 26 November 1985.
- Correspondence *re* arrangements etc, 1985-1986.
- B.255 Speech as Guest of Honour at a Dinner held by the Churchill Club of Manchester, 21 March 1986.
- 4pp manuscript notes for speech; correspondence *re* arrangements etc, 1985-1986.

- B.256-B.259 'Churchill's anthrax bombs: a debate' with J.M. Lewis, *Bulletin of the Atomic Scientists* **43**, November 1987.
- This article was produced by Jones and Lewis in response to an article by B.J. Bernstein in the January/February 1987 issue of *Bulletin*.
- B.256 Annotated photocopy of 7pp typescript; annotated 8pp typescript.
- B.257-B.259 Correspondence and papers relating to the drafting and publication of the article, 1987.
- 3 folders.
- B.260-B.262 Address in tribute to Churchill, 26th Churchill Memorial Concert, Blenheim Palace, Oxfordshire, 7 March 1992.
- B.260 9pp typescript draft; photocopy of 11pp typescript.
- B.261 Correspondence relating to the address, 1991-1992.
- B.262 Concert programme.
- B.263-B.269 10th Crosby Kemper Lecture, Winston Churchill Memorial, Westminster College, Fulton, Missouri, USA, 29 March 1992.
- B.263 19pp typescript and manuscript draft material, annotated '1st Draft (abandoned)'.
- B.264 Photocopy of 24pp typescript.
- B.265 1p manuscript notes for lectures, 30 March 1992.
- B.266, B.267 Correspondence relating to the lecture, 1991-1992, 1995.
- 2 folders.

- B.268, B.269 Correspondence relating to Westminster College, 1992-1996.
2 folders.
- B.270-B.276 'Churchill and Science' in *Churchill* edited by R. Blake and W.R. Louis (Oxford University Press, 1993).

This collection of essays resulted from a Conference on Churchill at the University of Texas, USA, 21-23 March 1991. Jones was unable to attend the Conference owing to ill-health but nevertheless contributed a paper for discussion.
- B.270 20pp annotated typescript draft, with 1p manuscript addition.
- B.271 Photocopy of 22pp typescript annotated by the editors.
- B.272 24pp typescript.
- B.273-B.276 Correspondence *re* arrangements for the Conference and *re* the publication of its proceedings, 1991-1993.
4 folders.
- B.277-B.288 **General correspondence** 1956-1997

A sequence of correspondence with numerous individuals relating to Churchill.
- B.277 1956-1957.

Correspondence with B. Collier *re* 'Crossbow'.
- B.278 1959-1960, 1964.
- B.279 1970-1972.

B.280, B.281	1974. 2 folders.	
B.282	1975-1977.	
B.283	1978-1979.	
B.284	1980-1983.	
B.285	1984-1987.	
B.286	1988-1991.	
B.287	1992-1994.	
B.288	1996-1997.	
B.289	Newspaper cuttings	1950-1988
B.289	Cuttings <i>re</i> Churchill.	

B.290-B.300 Coventry 1964, 1976-1997

This material was found together in a box file labelled 'Coventry Enigma'.

It consists largely of correspondence and papers relating to the German raid on Coventry on 14 and 15 November 1940.

B.290	1964, 1976.
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B.291 1977.

B.292 1978.

B.293, B.294 1979.
2 folders.

B.295 1980-1983.

B.296, B.297 1984.
2 folders.

B.298 1991.

B.299 1994-1997.

B.300 Printed and typescript background material; manuscript notes by Jones.

B.301-B.309 D-Day 1976-1994

This material was found together in a box file labelled 'D-Day'.

B.301 Photocopy of 21pp typescript by B.M. Adkins entitled 'The story of Radio Countermeasures in the British Navy', June 1976.

- B.302-B.304 Papers sent to Jones by Elizabeth Sutton, 1981.
- Sutton worked at West Kingsdown RAF Station in 1944 under her maiden name of Wright.
- B.302 Brief correspondence with E. Sutton, September 1981.
- B.303 Annotated copy of 'Air Scientific Intelligence Report no.22A (revised). The location of German coastal radar between Skagen and Bayonne', 10 April 1944, with 1p manuscript explanatory notes by Sutton; list entitled 'Radar post identifications' with 1p manuscript explanatory notes by Sutton.
- The manuscript notes accompanying the report state 'This is the document together with the notebook, which was used to supply all the information on the activity of the German Radar equipment along the coast of France prior to the 'D-Day' landings (June 6th 1944)'.
- B.304 Softback notebook inscribed 'Beth Wright' on front cover, April-June 1944, with intercalated manuscript explanatory notes by Sutton.
- This notebook accompanies the report at B.303.
- B.305-B.308 Contribution by Jones on 'Electronic Warfare' to *The D-Day Encyclopedia* edited by D.G. Chandler and J.L. Collins, Jr. (Helicon, Oxford, 1994).
- Jones appears to have withdrawn his contribution from this publication owing to a disagreement with the publishers.
- B.305 5pp typescript.
- B.306, B.307 Correspondence *re The D-Day Encyclopedia*, 1991-1993.
- 2 folders.
- B.308 Photocopies of background material.
- B.309 General correspondence and papers *re D-Day*, 1991-1994.

B.310-B.321	Dowding	1970-1996
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This material was found together in a box file labelled 'Dowding'. It consists of correspondence and papers relating to 1st Baron Dowding.

B.310-B.315	General correspondence and papers
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B.316-B.321	Joint Appeal for the Lord Dowding Sheltered Housing Project, Scottish Advisory Committee
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B.310-B.315	General correspondence and papers	1970-1996
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B.310, B.311	1970.
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Includes 1p typescript letter to *The Times* by Jones, 14 January 1970 (published on 20 January); correspondence with Sir John Slessor *re* Dowding, January-April 1970.

2 folders.

B.312	1982, 1987-1988.
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B.313-B.315	1989, 1993, 1996.
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Correspondence with J. Ray; photocopy of 231pp typescript by Ray entitled "Dowding should go". The battle inside the Battle of Britain', 1993.

3 folders.

B.316-B.321	Joint Appeal for the Lord Dowding Sheltered Housing Project, Scottish Advisory Committee	1987-1989
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Jones served as a member of the Scottish Advisory Committee of this joint appeal by the Royal Air Forces Association and the Royal Air Force Benevolent Fund. The Project aimed to establish a new sheltered housing development for elderly and infirm former members of the RAF.

The material consists largely of papers relating to meetings.

B.316, B.317 1987.

2 folders.

B.318-B.320 1988.

3 folders.

B.321 1989.

B.322-B.338 Farm Hall 1967-1997

This material was found together in a box file labelled 'Farm Hall'. It consists largely of correspondence and papers relating to Farm Hall and German nuclear fission research during the Second World War.

B.322-B.335 Correspondence and papers, 1967-1997.

B.322 1967, 1978, 1981.

B.323-B.325 1984.

3 folders.

B.326 1985-1989.

B.327 1991.

B.328, B.329 1992.

Includes 9pp typescript draft foreword by Sir Charles Frank for *Operation Epsilon: the Farm Hall transcripts* (Institute of Physics, Bristol, 1993), with related correspondence.

2 folders.

- B.330-B.333 1993.
- Includes photocopy of 173pp typescript by P.L. Rose entitled 'Heisenberg's bombs: error and deception in the German atomic bomb project 1939-1945'.
- 4 folders.
- B.334 1995.
- B.335 1996-1997, n.d.
- B.336-B.338 Background material.
- B.336 Photocopies of printed material.
- B.337 Audio cassette labelled 'Why Germany did not develop the atomic bomb. Sam Goudsmit 8.IV.75 Harvard Univ. Science Centre'. Access copy available.
- This copy of a talk by Goudsmit was made from a tape sent to Jones by G. Holton in 1981 (see B.322).
- B.338 Microfiche copies of the Farm Hall transcripts, Public Record Office class title WO 208/5019, 1991.

B.339-B.363 Irving / Clark 1960-1991

This material was found together in a box file labelled 'Irving R.W. Clark'. It consists largely of correspondence with David Irving and R.W. Clark relating to their writings on Second World War.

B.339-B.353 David Irving

B.354-B.363 R.W. Clark

B.339-B.353	David Irving	1963-1991
B.339-B.351	Correspondence, 1963-1978.	
B.339, B.340	1963. Includes correspondence <i>re</i> Peenemünde. 2 folders.	
B.341-B.346	1964. Includes 17pp typescript notes by Irving of an interview with Jones on 6th January 1964; 18pp typescript notes by Irving of an interview with Jones on 8 July 1964. 6 folders.	
B.347, B.348	1965. Includes correspondence relating to Irving's book <i>The Virus House</i> . 2 folders.	
B.349	1966. Includes correspondence <i>re</i> the Farm Hall transcripts.	
B.350	1967-1969. Includes correspondence <i>re</i> the accident on 4 July 1943 in which General Sikorski died.	
B.351	1977-1978. Includes 3pp typescript note by Irving of a conversation with Jones on 14 February 1978.	
B.352, B.353	Newspaper cuttings <i>re</i> Irving, 1964-1971, 1991. 2 folders.	
B.354-B.363	R.W. Clark	1960-1986

Correspondence with R.W. Clark relating to his books on the Second World War and biographies of various scientists.

B.354 1960.

Includes correspondence *re* the development of the atomic bomb.

B.355 1961.

B.356 1962.

B.357 1963.

Includes correspondence *re* Lindemann's Minority Report of July 1936.

B.358 1964-1967.

B.359 1968-1969.

B.360, B.361 1970.

Includes correspondence and papers *re* Einstein.

2 folders.

B.362 1972-1981.

B.363 1983-1986.

B.364-B.399 Lindemann 1956-1997

A sequence of material relating to F.A. Lindemann, Viscount Cherwell. It was kept together in a box file labelled 'Lindemann'.

B.364-B.379 Publications and lecture

B.380-B.390 Correspondence

B.391-B.399 Background material

B.364-B.379 Publications and lecture 1959-1987

B.364 Book review of *The Prof: a personal memoir of Lord Cherwell* by R.F. Harrod (Macmillan, 1959).

3pp typescript; brief correspondence with T.C. Keeley *re* the book, 1959.

B.365 Book review of *The Prof in two worlds: the official life of Professor F.A. Lindemann, Viscount Cherwell* by Lord Birkenhead (Collins, 1961).

4pp manuscript draft; 3pp typescript.

B.366 Letter to *The Sunday Times*, May 1963.

2pp typescript letter by Jones, 14 May 1963, in response to a letter by Lord Boothby (published on 5 May 1963) *re* Lord Cherwell's part in the bombing of Dresden; correspondence with *The Sunday Times* *re* publication, May 1963; newspaper cutting of Boothby's letter.

B.367 Letter to the *Sunday Express* (declined), January 1967.

1p typescript letter by Jones *re* allegations by Lord Boothby against Lord Cherwell, with related correspondence, January 1967.

B.368, B.369 Letter to the *Daily Telegraph*, 20 February 1967.

B.368 2pp typescript letter by Jones *re* Boothby's allegations against Cherwell, with related correspondence, February-March 1967.

- B.369 Photocopies of newspapers cuttings relating to Lord Boothby's accusations, 1967.
- B.370 Book review of *The Virus House* by D. Irving (William Kimber, 1967).
14pp typescript.
- B.371 Article on Lord Cherwell in *The Encyclopedia Americana*, ca 1967.
2pp annotated typescript draft; 2pp typescript; correspondence relating to the article, 1967.
- B.372 Article on Lord Cherwell in *A biographical dictionary of scientists* edited by T.I. Williams (A. & C. Black, London, 1969).
3pp typescript; correspondence relating to the article, 1966-1967.
- B.373, B.374 Article on Lord Cherwell in *Dictionary of Scientific Biography* volume 8, edited by C.C. Gillespie (Charles Scribner's Sons, 1973).
- B.373 3pp annotated typescript draft; 4pp typescript.
- B.374 Correspondence with the editors, 1967-1973.
- B.375-B.378 Lindemann Centenary Lecture, Clarendon Laboratory, Oxford, 7 October 1986.
Jones spoke on 'Lindemann beyond the laboratory'.
- B.375 38pp manuscript draft.
- B.376 4pp manuscript draft entitled 'Beginning of Lindemann address'.
- B.377 Photocopy of 25pp transcript of the lecture.

B.378 Correspondence relating to the lecture, 1986-1987.

B.379 2pp manuscript notes by Jones entitled 'Lindemann', n.d.

B.380-B.390 **Correspondence** 1956-1997

A sequence of correspondence and papers relating to Lord Cherwell, arranged in chronological order.

B.380 1956.

Letter to Jones from Cherwell, 2 December 1956.

B.381 1957-1958.

B.382 1959-1962.

B.383 1963, 1967.

B.384 1968-1972

B.385 1976, 1982-1984.

B.386 1986.

B.387 1987-1988.

B.388 1989-1992.

- B.389 1993
Correspondence with T. Wilson *re* Cherwell.
- B.390 1994-1997.
- B.391-B.399 **Background material**
- B.391-B.393 'Some extracts from the Collection of Papers of Viscount Cherwell, at present held by Nuffield College', 129pp typescript notes so entitled, paginated 132-194 and 208-273.

These notes appear to have been sent to Jones by David Irving in 1963. Related material can be found at B.340.

3 folders.
- B.394 3pp manuscript notes by Jones entitled 'Extracts from the Cherwell papers', n.d.
- B.395 'Lord Cherwell and his part in World War II', photocopy of 18pp typescript by J.L. Tuck, 1961.

The first page bears the annotation by Jones 'Given me by Amrom Katz of RDA Santa Monica. February 84'.
- B.396 Photocopies of typescript material.
- B.397-B.399 Newspaper cuttings *re* Lord Cherwell, 1957-1968

3 folders.

B.400-B.409	Museums	1968-1997
<p>Correspondence and papers relating to Jones' association with the Scottish Aircraft Collection Trust Ltd and numerous military museums.</p> <p>This material was found together in a box file labelled 'Aircraft Museums'.</p>		
B.400-B.406	Scottish Aircraft Collection Trust Ltd	
B.407-B.409	General correspondence	
B.400-B.406	Scottish Aircraft Collection Trust Ltd	1980-1990
<p>Jones was a trustee of the company from 1981, when it was formed in an attempt to acquire and manage the Strathallan Aircraft Collection.</p>		
B.400	1980.	
<p>Correspondence and papers <i>re</i> the Strathallan Aircraft Collection.</p>		
B.401-B.403	1981.	
<p>Includes correspondence and papers relating to the sale of the Strathallan Aircraft Collection.</p> <p>3 folders.</p>		
B.404	1982.	
B.405	1983-1984.	
B.406	1986-1990.	

B.407-B.409 **General correspondence** 1968, 1981-1997

Correspondence with various military museums. Mostly invitations to attend openings and to support appeals.

B.407 1968, 1981-1982.

B.408 1983-1985.

B.409 1987-1997.

B.410-B.460 Oslo Report 1947-1997

This material was found in four box files labelled 'Mayer', 'M.O.L.', 'Oslo Reference' and 'Oslo Sequel'.

B.410-B.428 Henry Cobden Turner

B.429-B.439 Mayer

B.440-B.446 Arnold Kramish

B.447-B.454 General correspondence

B.455-B.460 Miscellaneous

B.410-B.428 **Henry Cobden Turner** 1953-1989

B.410-B.423 General correspondence, 1953-1989.

A sequence of correspondence with and relating to Henry Cobden Turner, arranged in chronological order. The material relates largely to efforts by Jones to have Cobden Turner's work rewarded with a public honour.

See also L.51-L.66.

B.410, B.411	1953-1954. Includes 7pp typescript memorandum <i>re</i> the value of the Oslo Report, with 5pp typescript draft. 2 folders.
B.412	1955.
B.413-B.415	1956-1957. 3 folders.
B.416	1958-1962.
B.417	1964-1965.
B.418	1967-1968.
B.419-B.421	1969. 3 folders.
B.422	1970.
B.423	1978, 1986-1989.
B.424-B.427	'Fuse'. Contents of plastic folder so labelled, 1954-1989, n.d. Correspondence and papers relating largely to Cobden Turner's contribution to the invention of the proximity fuse. 4 folders.
B.428	7pp typescript biographical notes <i>re</i> Cobden Turner, n.d.
B.429-B.439	Mayer 1957-1997

This material relates largely to Hans F. Mayer, the man identified by Jones as the writer of the Oslo Report in his book *Reflections on Intelligence*. It was kept together in a box file labelled 'Mayer'.

- B.429-B.431 'HFM'. Contents of plastic folder so labelled.
- Mostly correspondence with H. Cobden Turner and H.F. Mayer *re* the Oslo Report, 1957-1978, n.d.
- B.429 1957, 1964-1967.
- Includes 3pp typescript letter headed 'How Harry Cobden Turner was involved in the Oslo Letter' and signed 'The Oslo Person', 18 July 1967.
- B.430 1968, 1978.
- B.431 n.d.
- Includes 2pp manuscript notes by Jones.
- B.432-B.439 Correspondence with Peter Mayer and his family, 1978-1997.
- Peter Mayer was the son of H.F. Mayer. The correspondence up to 1989 relates largely to his father, while that from 1990 is mostly of a personal nature.
- B.432 1978-1986.
- B.433, B.434 1987.
- 2 folders.
- B.435 1988-1989.
- B.436 1990-1992.

- B.448 1961-1963.
Correspondence with J. Mader *re* the authorship of the Oslo Report.
- B.449 1974-1979.
- B.450 1980.
- B.451 1982-1985.
- B.452 1986.
- B.453 1987-1988.
Includes correspondence *re* Paul Rosbaud.
- B.454 1989-1990, 1996-1997.
Includes papers sent to Jones by S. Ulrich *re* the 'Domino Ring', 1989.
- B.455-B.460 **Miscellaneous** 1947-1957, n.d.
- B.455 Newspaper cuttings of two articles *re* the Oslo Report, 1947, 1954.
- B.456 Menu for a Farewell Dinner on *RMS Mauretania*, autographed by fellow passengers; menu for a Farewell Dinner on *RMS Queen Mary*, 28 June 1953, autographed by passengers.

It was during the return voyage from the United States in 1953 that Jones met Harry Cobden Turner. The incident is described in *Reflections on Intelligence*.

B.457 3pp typescript memorandum *re* the contributions of Jones, Mayer and Cobden Turner to Allied victory in the Second World War, 8 January 1957.

Jones, Mayer and Cobden Turner are not directly named in this memorandum but are identified respectively as 'Professor J', 'X' and 'T'.

B.458 7pp typescript translation of the Oslo Report, n.d.

B.459 'A brief commentary on the Oslo Report', annotated photocopy of 3pp typescript by Jones.

B.460 Untitled 39pp annotated typescript by Jones *re* the Oslo Report, n.d.

This appears to be a draft for *Reflections on Intelligence*.

B.461-B.489 Radar 1974-1997

This material was found together in two box files labelled 'Radar'.

B.461-B.469 Publications

B.470-B.489 General correspondence

B.461-B.469 Publications

B.461-B.463 'The History of Radar', *Physics Bulletin* **36**, 1985.

B.461 20pp manuscript draft.

B.462 11pp typescript

B.463 Correspondence *re* publication, 1985.

- B.464-B.467 Biographical article on Sir Robert Watson-Watt for *Dictionary of National Biography: supplement 1971-1980*, edited by Lord Blake and C.S. Nicholls (Oxford University Press, 1986).
- B.464 11pp manuscript draft; 1p manuscript notes.
- B.465 5pp typescript; photocopy of 6pp typescript.
- B.466 Correspondence *re* the article, 1983-1984.
- B.467 Background material, 1974, 1976, n.d.
- B.468, B.469 Introduction to a brochure produced by the Communication and Electronics Museum, 1986.
- B.468 2pp manuscript draft; photocopy of 2pp typescript.
- B.469 Correspondence; photocopy of the draft brochure. 1986.
- B.470-B.489 **General correspondence** 1974-1997
- A sequence of correspondence and papers relating to the history of radar.
- B.470, B.471 1974-1977.
- Includes photocopy of 79pp typescript by A.F. Wilkins entitled 'The early days of radar in Great Britain', 1977.
- 2 folders.
- B.472-B.474 1978.
- Includes 229pp typescript draft by C. Susskind entitled 'History of Radar'.
- 3 folders.

B.475 1982-1984.

B.476-B.478 1985.

Includes copies of abstracts and papers for the Institution of Electrical Engineers Seminar on 'The History of Radar Development to 1945', London, 10-12 June 1985.

3 folders.

B.479-B.482 1986.

4 folders.

B.483, B.484 1987.

2 folders.

B.485 1989-1991.

B.486-B.488 1995.

3 folders.

B.489 1996-1997.

B.490-B.497 Royal Air Force 1968-1997

This material was found together in a box file labelled 'RAF Historical'.

B.490-B.493 Royal Air Force Historical Society

B.494-B.497 General correspondence

B.490-B.493	Royal Air Force Historical Society	1986-1995
	Correspondence and papers relating to Jones' association with the Royal Air Force Historical Society. Arranged in chronological order.	
	He was a founder member of the Society, established in 1986, and gave its inaugural lecture (see K.319-K.321).	
B.490	1986, 1988.	
B.491, B.492	1990-1991.	
	Correspondence and papers relating to a seminar by the Society on Photographic Reconnaissance in World War II (Jones was chairman).	
	2 folders.	
B.493	1992-1995.	
B.494-B.497	General correspondence	1968-1997
	A short sequence of correspondence relating to the Royal Air Force. Arranged in chronological order.	
B.494	1968.	
	Correspondence <i>re</i> University Air Squadrons.	
B.495	1973-1977.	
	Includes correspondence with Sir John Slessor <i>re</i> various issues.	
B.496	1981, 1987-1988.	
B.497	1991-1997.	
	Includes correspondence <i>re</i> the appointment of Jones as a Companion of the Air League, 1996.	

B.498-B.523

Tizard

1959-1982

This material was found together in two box files labelled 'Tizard'.

B.498-B.521 Publications and lectures

B.522 General correspondence

B.523 Background material

B.498-B.521

Publications and lectures

1959-1982

B.498

'Scientists at War – Lindemann v. Tizard', *The Times*, 6, 7, 8 April 1961.

Photocopies of three articles by Jones *re* relations between Lord Cherwell and Sir Henry Tizard; 3pp annotated typescript letter by Jones, written in response to criticisms of the articles, n.d.

B.499-B.510

'Henry Thomas Tizard' with W.S Farren, *Biographical Memoirs of Fellows of the Royal Society* **7**, November 1961.

B.499

1p manuscript notes by Jones; 28pp manuscript draft by Jones.

B.500-B.508

Correspondence relating to the drafting of the Memoir, 1959-1961.

9 folders.

B.509, B.510

Background material.

Includes photocopy of Tizard's Royal Society personal record.

2 folders.

B.511-B.515

'Sir Henry Tizard 1885-1959'. The First Sir Henry Tizard Memorial Lecture of the Royal Aeronautical Society, Boscombe Down, Salisbury, 28 October 1964.

This lecture was published in the *Journal of the Royal Aeronautical Society* **68** (December 1964) and *Nature*.

B.511	34pp annotated typescript draft.	
B.512, B.513	Correspondence <i>re</i> arrangements for the lecture, 1964. 2 folders.	
B.514, B.515	Correspondence arising from the lecture, 1964-1965, 1982. 2 folders.	
B.516, B.517	'Scientific Intelligence'. 9th Sir Henry Tizard Memorial Lecture of the Royal Aeronautical Society, Boscombe Down, Salisbury, 14 February 1978.	
B.516	29pp typescript; 1p typescript summary.	
B.517	Correspondence relating to the lecture, 1977-1978; programme.	
B.518-B.521	'Tizard's 'Great lesson of the last War' ', Annual Tizard Lecture, Westminster School, London, 8 March 1979.	
B.518	21pp annotated typescript.	
B.519	18pp typescript.	
B.520, B.521	Correspondence relating to the lecture, 1978-1979. 2 folders.	
B.522	General correspondence	1959-1966
B.522	Correspondence, including 13pp typescript comments sent to R.W. Clark <i>re</i> the galley proof of his biography of Tizard, 1964.	

B.523 **Background material** 1965, n.d.

B.523 Newspaper cuttings etc.

B.524 Miscellaneous 1947-1981

B.524 Miscellaneous correspondence and papers, 1947, 1949, 1979-1981.

Includes brief exchange between Jones and R.J. Smeed, Bomber Command
re the relative losses of aircraft to fighters and to flak, 1947.

**B.525-B.604 CORRESPONDENCE WITH WARTIME COLLEAGUES AND
VETERANS**

B.525-B.541 'Old Comrades'

B.542-B.604 'Resistance letters'

B.525-B.541 'Old Comrades' 1956-1997

A sequence of correspondence with wartime colleagues and British veterans
of the Second World War. Arranged in chronological order.

The material was found together in two box files labelled 'Old Comrades'.

B.525 1956-1967.

B.526 1980-1984.

B.527 1987.

B.528 1988-1989.

B.529, B.530 1990.
2 folders.

B.531-B.534 1991.
4 folders.

B.535, B.536 1992.
Includes 2pp typescript draft appreciation of Y. Rocard by Jones (published in *The Times*, 31 March 1992).
2 folders.

B.537 1993.

B.538 1994.

B.539, B.540 1995.
2 folders.

B.541 1996-1997.

B.542-B.604 'Resistance letters' 1964-1997

This material was found together in four box files labelled 'Resistance letters'.

B.542-B.561 Visits

B.562-B.604 Correspondence

B.542-B.561 **Visits** 1981-1997

- B.542, B.543 Visit to Copenhagen, Denmark, March 1982.
- Jones made this visit at the invitation of Paul Mørch, Chief of the Danish Naval Intelligence Service at the outbreak of the War. He gave a number of lectures on defence and intelligence matters during this stay in Denmark.
- Correspondence and papers relating to the visit, 1981-1982.
- 2 folders.
- B.544-B.548 Visit to Paris, France, May 1982.
- Jones visited Paris to participate at a Diner-Débat de la Résistance on the subject 'V1 et V2: les armes ultimes d'Hitler'.
- B.544, B.545 Drafts of a speech by Jones *re* the work of the French Resistance.
- These drafts are largely in English although Jones introduced and concluded his speech in French.
- B.544 2pp manuscript draft by Jones; 8pp manuscript and typescript draft by Jones, with 2pp manuscript addition by the Vicomtesse de Clarens.
- B.545 7pp typescript by Jones.
- B.546 9pp manuscript draft (in English) of a speech by the Vicomtesse de Clarens; photocopy of 3pp typescript, annotated 'Marie Madeleine's speech 5.V.82'.
- B.547 Correspondence relating to the visit, 1982.
- B.548 *La Voix de la Résistance*, November 1982.
- This newspaper includes a report of the Diner-Débat.

- B.549-B.557 Visit to Wizernes, near St Omer, France, June 1987.
- Jones made this visit to participate at an Open Day arranged to publicise a project to build a Second World War Museum in the V2 rocket bunkers at Wizernes.
- Jones kept in touch with the project up to his death in 1997.
- B.549 Correspondence relating to the visit, 1987; 1p manuscript speech notes by Jones.
- B.550 Four photographs taken during the visit.
- B.551 Newspaper cutting and photocopies of newspaper and magazine articles *re* the Open Day; leaflet *re* the project.
- B.552-B.557 Correspondence and papers relating to the Museum at Wizernes, 1988-1997.
- B.552 1988-1990.
- B.553, B.554 1990.
- Correspondence with R. Hautefeuille and Y. Le Maner *re* various aspects of the Second World War.
- 2 folders.
- B.555 1991, 1994.
- B.556 1995.
- B.557 1996-1997.

- B.558-B.561 Meeting of the Amicale des Déportés Politiques et de la Résistance des Camps de Dora-Ellrich, Institut Français, London, 19 June 1989.
- Jones gave a speech at this reunion of prisoners from the Dora concentration camp in Germany.
- B.558 4pp typescript by Jones (in English).
- B.559 6pp manuscript draft by Jones and photocopy of 3pp typescript (both in French).
- B.560 Correspondence relating to the meeting, 1989.
- B.561 Background material for the speech by Jones.
- B.562-B.604 **Correspondence** 1964-1997
- B.562-B.570 Vicomtesse de Clarens
- B.571-B.604 General correspondence
- B.562-B.570 Vicomtesse de Clarens
- A sequence of correspondence with the Vicomtesse de Clarens, 1977-1997. The content is largely personal.
- During the War she served as a member of the French Resistance under the codename Amniarix and provided British intelligence with vital information. She wrote the foreword to *Most Secret War*.
- B.562 1977-1978.
- Mostly *re Most Secret War*.
- B.563 1979.
- B.564 1980.
- B.565 1981.

Includes 2pp typescript and 3pp manuscript drafts of a letter by Jones *re* inaccuracies in A. Cave-Brown's *La Guerre Secrète*, sent to the editor of *Voix et Visages*.

Voix et Visages was the newsletter of the Association Nationale des Anciennes Déportées et Internées de la Résistances. The letter by Jones was published in issue no. 177 (November-December 1981).

B.566 1982-1984.

B.567 1986-1991.

B.568 1992-1994.

B.569 1995-1997, n.d.

B.570 Photograph of Jones with the Vicomtesse de Clarens at the Yorkshire Television Studios, December 1976.

B.571-B.604 General correspondence 1964-1996

Correspondence with and relating to former members of Second World War Resistance organisations. Arranged in chronological order.

B.571 1964, 1968-1969.

B.572 1976.

B.573, B.574 1977.

Includes papers sent to Jones by P.A. Mørch *re* the crash of a German V1 rocket on the island of Bornholm in August 1943 (see also B.168).

2 folders.

B.575 1978.

B.576 1979.

B.577-B.583 1980.

Includes papers sent to Jones by J. Pomès-Barrère *re* information he collected on German V2 rockets in December 1943.

7 folders.

B.584-B.587 1981.

Includes correspondence *re* the failure of the French Resistance to warn Britain of the departure of three German warships from Brest on 11 February 1942.

4 folders.

B.588-B.590 1982.

3 folders.

B.591, B.592 1983.

2 folders.

B.593-B.595 1984.

3 folders.

B.596 1985.

B.597 1986.

B.598, B.599 1987.

Includes correspondence with B.A. Rørholt *re* heavy water.

2 folders.

B.600 1988-1989.

B.601 1992-1993.

B.602 1994.

B.603 1995.

B.604 1996, n.d.

B.605-B.613 ADDITIONAL MATERIAL 1943, 1945, n.d.

This additional material was received from Churchill Archives Centre, Churchill College, Cambridge in October 2000. It supplements papers relating to German infra-red research at B.180-B.192.

B.605-B.608 Duplicated typescript copies of reports sent to Jones *re* German infra-red research, 1945.

4 folders.

B.609-B.613 Printed, duplicated typescript and photocopied papers (in German), largely relating to infra-red research, 1943, n.d.

5 folders.

SECTION C

UNIVERSITY OF ABERDEEN

C.1-C.282

Jones was appointed Professor of Natural Philosophy at the University of Aberdeen in 1946. He held this post until retirement in 1981 when he was appointed Professor emeritus.

C.1-C.79	UNIVERSITY, FACULTY AND DEPARTMENTAL POLICY
C.80-C.136	STAFFING OF DEPARTMENT
C.137-C.219	TEACHING
C.220-C.225	ADMINISTRATION OF JONES' RESEARCH
C.226-C.262	MEDICAL PHYSICS
C.263-C.278	STUDENT AND STAFF UNREST
C.279-C.282	MISCELLANEOUS

C.1-C.79

UNIVERSITY, FACULTY AND DEPARTMENTAL POLICY 1938-1998, n.d.

The bulk of this material is the contents of Jones' box files labelled 'Departmental Policy'. However, the correspondence and papers also cover wider aspects of University and Faculty of Science policy bearing on the Department such as the expansion of Aberdeen University in the 1960s and 1970s, and on general questions of higher education policy.

There is similar material relating to education policy at F.119-F.186.

The material is presented in chronological order.

- C.1 Papers re Natural Philosophy Department staff needs, student accommodation etc, 1938-1943.
- This material was probably inherited by Jones from his predecessor (J.A. Carroll) on his move to Aberdeen in 1946.
- C.2 Jones' manuscript notes and drafts on research topics, teaching, university policy etc, 1946-1947.
- C.3 11pp duplicated typescript by Jones 'Staff requirements in the Natural Philosophy Department', ca 1946.
- C.4 Duplicated typescript papers of meetings of Faculty of Science, 9 December 1946 and 19 May 1947.
- Includes 3pp typescript 'Research programme over the next few years'.
- C.5 Duplicated typescript papers on co-operation in engineering between the University and Robert Gordon's Technical College, Aberdeen, November, December 1947.
- C.6 Duplicated typescript 'Notes by Professor Allen on the Teaching of Mathematics and Natural Philosophy to Students of Engineering', 19 January 1948.

- C.7, C.8 Report [?by the Natural Philosophy Department] on 'Education in physics in the north east of Scotland'.
- C.7 22pp duplicated typescript, 8 December 1948.
- C.8 31pp duplicated typescript, 2 June 1949.
- C.9 'Natural Philosophy Department Interim Statement 1952-1957', 25pp duplicated typescript, 24 February 1950.
- C.10 Duplicated typescript papers and correspondence *re* applied mathematics at Aberdeen, 1950.
- C.11 '1957-62 Quinquennial Proposals - Natural Philosophy Department' by Jones, 3pp duplicated typescript, 4 May 1955.
- C.12 Report on 'Oceanography in Aberdeen' with appendix 'A geophysics unit at Aberdeen' by Jones, duplicated typescript, 6 December 1955.
- C.13 Duplicated typescript memoranda by Jones, 1956:

 'Science Faculty Policy 1960-1970', 2pp, 14 February; 'Science Faculty admissions and Natural Philosophy', 2pp, 27 July; 'Accommodation - Natural Philosophy', 3pp, 21 November.
- C.14 Letter from the University thanking Jones for his offer to accept a reduced Class Grant for the year, 14 January 1957.
- C.15 Papers for meeting of University of Aberdeen representatives with University Grants Committee, London, 14 May 1957.

- C.16 Duplicated typescript 'Memorandum No. 1' and 'Schedule 1' for proposed new building for the Department of Natural Philosophy, 1958.
- 3pp duplicated typescript 'Notes on staffing, 1958-62' by Jones, 22 February 1958.
- C.17 'The advancement of Natural Philosophy' by Jones, 8pp photocopied typescript, 1958.
- C.18 Duplicated typescript papers *re* library arrangements at Aberdeen, 1958-1959.
- C.19 Papers preparatory to visit to Aberdeen by the University Grants Committee, 1961.
- Includes duplicated typescript memoranda by Jones: 'Some possibilities in science Faculty Policy, 1963 onwards', 3pp, 25 January; 'Tentative expansion plans 1964-1967', 4pp, 4 February.
- Jones had misgivings about the scale of university expansion suggested by the UGC.
- C.20 Papers *re* Ph.D. degree, 1960, 1961.
- Jones resigned as Dean of Science when a proposal to allow members of research institutions in the vicinity of Aberdeen to take the University of Aberdeen Ph.D. was accepted by the Faculty of Science.
- 5pp manuscript and typescript draft and 3pp duplicated typescript of Jones' memorandum opposing the proposal, 1 November 1960; manuscript draft of his letter of resignation, ca 1961.
- C.21 4pp manuscript and 3pp typescript drafts of note by Jones on 'Salaries at the University of Aberdeen', ca 1960.
- C.22 Duplicated typescript 'digest' of replies on 'The difficulties of staffing physics departments', compiled by Jones and sent by him to the Secretary of Marischal College, 18 January 1961.
- See also material relating to the Committee on Problems facing University Physics Departments in connection with which this digest was prepared (H.244-H.265).
- C.23 Correspondence, chiefly bearing on staffing difficulties, 1961-1962.

- C.24 3pp typescript with manuscript corrections 'The new building', ca 1961.
- C.25 Manuscript drafts by Jones, ca 1962:

 'Medical physics teaching facilities', 4pp; untitled note on books taken out of
 the Library, 3pp.
- C.26 Untitled 3pp typescript and manuscript draft on the status and image of
 technology, ca 1962.
- C.27, C.28 'The Natural Philosophy Department. University of Aberdeen', 1963.

 Introduction to the department for new staff and students.
- C.27 19pp manuscript and typescript draft.
- C.28 8pp duplicated typescript, 17 January 1963.
- C.29 Duplicated typescript papers of meeting of Committee anent Staffing
 Difficulties, 7 February 1963.

 Includes papers by Jones 'Students and staff, 1963-4 onwards' and
 'Recruitment of physics staff to Aberdeen'.
- C.30 'Application to the University Grants Committee by the University of
 Aberdeen for an Equipment Grant for the Natural Philosophy Department',
 13 April 1963.
- C.31 Correspondence with the Principal, Marischal College, University of
 Aberdeen, and Professor T.B. Smith, University of Edinburgh, *re* admitting
 Lecturers and Readers to University Court, 1964-1966.

 Jones feared this would undermine the positions of Heads of Departments
 who were not on Court.

- C.32 Jones' speech at the 'Opening of the Natural Philosophy Building', 8pp duplicated typescript, 7 May 1964.
- C.33 Letters to the Principal, Marischal College, University of Aberdeen, *re* bias towards arts and social science subjects in University of Aberdeen expansion, 13 and 18 July 1964.
- C.34 5pp duplicated typescript letter from Jones to the University *re* increases in staffing required in the Department of Natural Philosophy, 9 December 1964.
- C.35 Departmental 'Quinquennial Planning Statement 1967-72' by Jones, 7pp duplicated typescript, 1 February 1965.
- C.36 Correspondence with the University *re* accommodation for the Department, March-November 1965.

Jones enquired about the money that had been allocated for a second new building for the Natural Philosophy Department.
- C.37 Typescript and manuscript drafts:

'M.Sc. degrees in Natural Philosophy', 5pp, June 1965; 'First Year teaching 1965-6', 4pp, ca 1965.
- C.38 Exchange with Janet Vaughan, Principal, Somerville College Oxford, *re* centralisation of departmental libraries, September, October 1966.
- C.39 Letter from Jones to F.G. Smith, Jodrell Bank, Macclesfield, Cheshire, *re* possibility of 'our starting some radioastronomy here' 15 December 1966.
- C.40 Minutes of special meeting of Faculty of Science, 16 February 1967; 'Observations on Faculty Organisation' by Jones, 1p typescript, 28 February 1967.

- C.41 Letter to Principal, Marischal College, University of Aberdeen, *re* declining standard of First Year students, 3 May 1968; duplicated typescript 'Examination performance in First and Second Years, 1967-68', November 1968.
- C.42 Letter from Jones to *Gaudie*, Aberdeen University students' newspaper, contesting remarks about his handling of the department, 10 January 1969.

See also C.267, C.268 and C.273.
- C.43 'Natural Philosophy Library' by Jones, duplicated typescript circular on the use of the departmental library, 27 January 1969.
- C.44 Papers on 'The future of engineering' considering the relationship between Robert Gordon's Institute of Technology and the University of Aberdeen, February 1969.
- C.45 1p duplicated typescript memorandum by Jones on 'Applied Mathematics / Mathematical Physics / Natural Philosophy', 22 April 1969.
- C.46 11pp duplicated typescript by Jones on 'The introduction of Physics III', 25 September 1969.
- C.47 Miscellaneous correspondence, 1969.
- C.48 Photocopied correspondence and papers *re* departmental rota, 1969-1970.
- C.49 Duplicated typescript papers *re* preparation of Quinquennial Estimates for 1972-1977. 1970.
- C.50 Photocopies of articles by Jones in the *Times Educational Supplement*, critical of the results of the Robbins report:

'Where Robbins went wrong', 27 February; 'Mediocrity is strangling the universities', 9 October 1970.

- C.51 Photocopy of extract from University Senatus minutes recording Jones' unsuccessful opposition to further expansion in the years to 1976-1977, 7 October 1970.
- C.52 Miscellaneous correspondence, 1970.
- C.53 Correspondence on intake of postgraduate students in the Faculty of Science, 1971-1972.
- C.54 Correspondence and papers *re* expansion of the University, with particular reference to student accommodation and teaching facilities, 1972.
- C.55 Exchange with A.W. Wolfendale, University of Durham, *re* theoretical/experimental physics options, July, August 1972.
- C.56 2pp photocopied typescript 'Note of dissent' by Jones on the Faculty of Science's decision to support the expansion of the University, 11 December 1972.
- C.57, C.58 Correspondence and papers *re* Jones' opposition to expansion of the University, 1973.
- C.57 February-August 1973.
- C.58 October-December 1973.

Includes 7pp photocopied 'Note of dissent' by Jones on the Senatus' decision to accept the proposal for expansion, and correspondence with F.S. Dainton, Chairman of the University Grants Committee, November, December 1973.
- C.59 4pp typescript draft by Jones 'U.G.C. norms for accommodation in Physics', 8 November 1973.
- C.60 Letter from Jones to the University on 'Failure rates' in the Faculty of Science, 14 November 1973.
- C.61 Correspondence and papers *re* University expansion, 1974.

- C.62 4pp photocopied typescript by Jones on 'Some needs of scientific research in British universities in 1975', 15 January 1975.
- C.63 Correspondence and papers *re* downward revision of estimate of national student numbers for 1981-1982. 1975.

Includes correspondence with Dainton, Chairman of the University Grants Committee.
- C.64 Papers *re* visit to Aberdeen on 19 June 1975 of the Science Sub-Committee of the House of Commons Select Committee on Science and Technology, June-July 1975.
- C.65 3pp photocopied typescript draft by Jones 'Some topics relevant to the visit of the Physical Sciences Sub-Committee of the UGC, 1975', 22 July 1975.
- C.66 Letter from Jones to William Ross MP, Secretary of State for Scotland, *re* desirable attributes of and possible candidates for the Principalship of the University, 24 October 1975.
- C.67 Photocopied papers *re* allocation of University Grants Committee funding for 1976-1977. 1976.
- C.68 Faculty of Science departmental failure statistics, 24 February 1976.
- C.69 5pp typescript draft by Jones 'Problems of large classes', 29 April 1976.
- C.70 Miscellaneous correspondence and papers, 1976-1978.
- C.71 Report on 'Research in physics at Aberdeen, 1978-1979' by Jones, 6pp typescript + 2pp bibliography, ca 1979.

- C.72 2pp manuscript notes, September 1979.
- C.73 Correspondence, chiefly *re* Faculty of Science policy on student numbers, 1980.
- C.74 Correspondence *re* industrial dispute involving University examinations, April-May 1981.
- C.75 Correspondence and papers *re* Lecturership in Astronomy, May-June 1981.

Includes 5pp typescript report by Jones on 'Astronomy in the Natural Philosophy Department at Aberdeen'.
- C.76 3pp manuscript draft of letter by Jones on his being asked to 'quit the accommodation' in the department, 18 July 1983.
- C.77 Letter from Jones to J.D. Hargreaves explaining his reasons for not participating in a seminar on the recent history of the University, 31 October 1988.
- C.78 2pp typescript with manuscript corrections entitled 'Research programme over the next few years. Natural Philosophy Department. University of Aberdeen', n.d.
- C.79 Untitled 15pp typescript draft beginning 'The purpose of this memorandum is to direct attention to a difficulty in the operation of the Natural Philosophy Department', n.d.

C.80-C.136	STAFFING OF DEPARTMENT	1948-1981
	C.80-C.132 Academic staff	
	C.133-C.136 Secretarial staff	
C.80-C.132	Academic staff	1948-1981
C.80	Correspondence and papers <i>re</i> general staffing levels of the department, 1949, 1964, 1971.	
C.81	Papers <i>re</i> academic staff applications and appointments, 1951-1971.	
C.82	Correspondence and papers <i>re</i> promotions, re-appointments etc, 1968-1976.	
C.83-C.127	Correspondence and papers <i>re</i> members and prospective members of staff, 1948-1981. In alphabetical order.	
C.83	Barron, H.W.T.	1968-1971
C.84	Bates, W.J.	1964-1965
C.85	Brown, A.F.	1951
C.86	Burfoot, J.C.	1952
	Buyers, W.J.L.	1964

C.87	Clarke, R.C.	1969, 1979
C.88	Davidson, S.	1955
	Duncanson, A.	1949
C.89	Edwards, J.	1969
C.90	Elcock, E.W.	1955
	Fincham, D.G.	1968-1972
C.91	Finlayson, D.M.	1953-1958
C.92	Flett, A.M.	1964, 1977
	Foster, P.R.	1966
C.93-C.99	Gadsden, M.	1969-1981
C.93	1969.	
C.94	1970-1972. Includes material <i>re</i> proposal by Gadsden and J. Baker for expedition to study the 1973 solar eclipse.	
C.95	1971. Paul Instrument Fund application.	

C.96	1975-1978. Chiefly Paul Instrument Fund work.	
C.97	February-March 1979.	
C.98	May-September 1979.	
C.99	1981.	
C.100	Garlick, G.F.J.	1955
C.101	Giles, J.C.	1963
	Gill, J.C.	1959-1960
C.102	Glass, C. B.-I.	1951
	Goodman, F.O.	1962, 1963
C.103	Hanna, R.	1968
C.104	Hart, S.	1972
C.105	Henderson, C.	1967-1971
C.106	Hirsch, P.B.	1953
C.107	Howie, I.M.	1971, 1975, 1976

C.108	Jones, B.W.	1969
C.109	Jones, D.A.	1955-1963
C.110	McIlraith, A.H.	1955, 1956
	Mackinnon, L.	1955, 1956
C.111	Macmillan, N.H.	1972
C.112	MacNeill, K.G.	1951
	MacWilliam, A.D.	1965
C.113	Melvin, J.S.	1971, 1976, 1977
C.114	Myers, H.P.	1951
	Noble, B.	1954
C.115	Paul, W.	?1950s
	Pirie, J.D.	1965
C.116	Player, M.A.	1971, 1977
C.117	Reid, J. S.	1968, 1971
C.118	Richards, J.C.S.	1955, 1973, 1976

C.119	Robertson, I.S.	1969, <i>ca</i> 1980
C.120	Shand, W.A.	1965, 1966
C.121	Smith, T.	1949, 1950, 1964
C.122-C.125	Stevenson, R.W.H.	1955-1978
C.122	1955, 1958, 1962.	
C.123	[1950s]. Departmental disagreements.	
C.124	1964, 1968.	
C.125	1970-1978. In 1969 Stevenson was appointed Professor of Physics at the University of Rhodesia, Salisbury. This correspondence, nearly all incoming, dates from Stevenson's period in Rhodesia and covers progress of research, visits of researchers from Aberdeen to Rhodesia, social news, retirement problems and the political situation in the country.	
C.126	Turnbull, D.T.	1952
	Wraight, P.C.	1967
C.127	Miscellaneous recommendations, suggestions and advice <i>re</i> potential staff, 1948-1978.	

C.137-C.219 TEACHING 1933-1982

C.137-C.183 Undergraduate

C.184-C.219 Postgraduate

C.137-C.183 Undergraduate 1933-1981

C.137-C.147 Administration

C.148-C.171 Lecture notes

C.172-C.183 Examination papers

C.137-C.147 Administration 1955-1977

This material includes teaching arrangements and course syllabuses.

C.137 Duplicated typescript memoranda and other papers on First Year teaching arrangements, 1964-65, 1970, n.d.

C.138-C.141 Duplicated typescript lists of Natural Philosophy teaching arrangements, 1958-59 - 1976-77.

Some annotated by Jones.

C.138 1958-59 - 1962-63.

C.139 1963-64 - 1966-67.

C.140 1967-68 - 1971-72.

C.141 1973-74 - 1976-77.

C.142, C.143	Syllabuses and course outlines, n.d. 2 folders.	
C.144	2pp typescript chart of 'Department of Natural Philosophy average teaching hours per week', 20 March 1961.	
C.145	5pp photocopied typescript 'Problems of large classes' by Jones, 29 April 1971.	
C.146	'Graduate survey', 8pp manuscript note on results of survey prepared for Jones, ca 1969.	
C.147	Miscellaneous correspondence, 1955-1966.	
C.148-C.171	Lecture notes	1949-1981
C.148-C.165	Manuscript notes of undergraduate lectures on physics and history of science, 1949-50 - 1980-81.	
C.148	1949-50.	
C.149	1950-51.	
C.150	1951-52.	
C.151	1953-54, 1954-55.	
C.152	1955-56.	
C.153	1956-57.	

C.154	1957-58.
C.155	1965-66, 1966-67.
C.156	1967-68, 1968-69.
C.157	1969-70.
C.158	1970-71, 1971-72.
C.159	1972-73, 1973-74.
C.160	1974-75, 1975-76.
C.161	1976-77.
C.162	1977-78.
C.163	1978-79.
C.164	1980-81.
C.165	Manuscript notes for public lectures found with preceding: 'Rockets equations', 14 October 1957; 'Civil defence lecture', 24 November 1971; 'Oxford', 2 June 1972.
C.166-C.171	Manuscript lecture notes on astronomy, 1967-1981, n.d.
C.166	1967.
C.167	1974-75.

C.168	1976-77.	
C.169	1978-79.	
C.170	1980-81.	
C.171	Manuscript notes on 'The Moon', with two photographs of the Moon found therewith, n.d.	
C.172-C.183	Examination papers	1933-1981
	Examination papers, with a little related material, from Natural Philosophy Department examinations, 1933-1981.	
C.172	1933-1939.	
C.173	1940-1945.	
C.174	1947-1949.	
C.175	1950-1954.	
C.176	1955-1959.	
C.177	1960-1965.	
C.178	1966.	

C.179	1967-1969.	
C.180	1971-1979.	
C.181	1980-1981.	
C.182	Manuscript and typescript draft questions (manuscript not all in Jones' hand) etc, 1967-1979, n.d.	
C.183	Miscellaneous correspondence, 1949-1980.	
C.184-C.219	Postgraduate	1950-1982
<p>This material relates to Department of Scientific and Industrial Research (DSIR), later Science Research Council (SRC) support for postgraduates in the Department of Natural Philosophy. The bulk of this material relates to the establishment and administration of and students on Jones' M.Sc. course 'Principles of Instrument Design'.</p>		
C.184-C.192	Studentships	
C.193-C.207	'Principles of Instrument Design'	
C.208-C.215	Examining	
C.216-C.219	Miscellaneous	
C.184-C.192	Studentships	1954-1981
<p>Correspondence and papers <i>re</i> award of DSIR and SRC studentships for courses at Aberdeen, 1954-1981.</p> <p>Includes application for and notification of allocations of number of studentships.</p>		
C.184	1954-1955, 1959.	

C.185	1962-1965.	
C.186	1966-1967.	
C.187	1968.	
C.188	1969-1970.	
C.189	1971.	
C.190	1973-1974.	
C.191	1975-1981.	
C.192	1976.	
C.193-C.207	'Principles of Instrument Design'	1965-1981
C.193	Correspondence and papers <i>re</i> application to the SRC for approval of the course, 1965-1966.	
C.194	10pp typescript course outline, <i>ca</i> 1965.	
C.195-C.197	Correspondence <i>re</i> appointing teaching staff for the course, 1965-1966.	
C.195	November 1965.	
C.196	December 1965.	

C.197	January-May 1966.	
C.198	Correspondence <i>re</i> course, 1967-1970.	
C.199	Examination questions, 1967, 1969, 1975, 1976, 1977.	
C.200	Papers <i>re</i> SRC review of the course, 1968-1969.	
C.201	6pp typescript outline course syllabus for 1969-70.	
C.202	Correspondence <i>re</i> attempt to establish course in instrument technology at the University of Hull, 1969-1970.	
C.203	General correspondence, 1972-1974.	
C.204	Papers <i>re</i> SRC review of the course, 1974-1975.	
C.205	General correspondence, 1977-1978.	
C.206	Papers <i>re</i> SRC review of the course, 1979.	
C.207	General correspondence, 1979-1981.	
C.208-C.215	Examining	1951-1979, n.d.
	Correspondence and papers <i>re</i> examining of University of Aberdeen Ph.D. and M.Sc. students, 1951-1979.	
	This material may be subject to restricted access.	

C.208-C.214	Ph.D. theses.	
C.208	1951.	
C.209	1952-1953.	
C.210	1957.	
C.211	1958-1959.	
C.212	1961-1963.	
C.213	1967, 1969.	
C.214	1977, 1979.	
C.215	M.Sc. theses, 1962-1977, n.d.	
C.216-C.219	Miscellaneous	1950-1982
C.216	Correspondence from prospective research students, 1950-1982.	
C.217	General correspondence <i>re</i> higher degrees at Aberdeen, 1961-1970.	
C.218	4pp duplicated typescript memorandum on 'M.Sc. degrees in Natural Philosophy' by Jones, 24 June 1965.	
C.219	Correspondence and papers <i>re</i> SRC Physics Committee visit to Aberdeen, 21 September 1972.	

C.220-C.225

ADMINISTRATION OF JONES' RESEARCH

1953-1973

Papers *re* Jones' own research grants, 1953-1973, arranged by title of research grant.

C.220 'Diffraction Grating Ruling Engine', Royal Society Paul Instrument Fund, 1953-1960 (see also D.111-D.115).

C.221 'Rolled Metal Foil', DSIR, 1957.

C.222 'Optical and Electrical Properties of Crystals', Royal Society Scientific Investigations Grant-in-aid, 1958, 1963, 1965.

C.223 Crystal Growth, DSIR, 1959.

C.224 Royal Society Warren Research Fund, 1959-1966.

C.225 'Measurement of small displacements and the mechanical stability of materials and assemblies', Science Research Council, 1970-1973.

C.226-C.262

MEDICAL PHYSICS

1948-1981

C.226-C.254 Course and curriculum

C.255-C.262 Staffing

C.226-C.254	Course and curriculum	1948-1981
C.226	3pp typescript draft on 'Physical services in Aberdeen hospitals', 18 October 1948. The note indicates the services provided to Aberdeen hospitals by the Department of Natural Philosophy.	
C.227	Minutes of meeting of Committee on Accommodation for Medical Physics with representatives of the Regional Hospital Board, 22 December 1955, and letter arising, 4 January 1956.	
C.228	3pp typescript memorandum on 'A medical physics unit', ca 1950s-1960s.	
C.229	Letters from Jones <i>re</i> accommodation for medical physics, 20 May 1960 and 22 June 1961.	
C.230	Miscellaneous correspondence, 1961-1964.	
C.231	Correspondence and papers <i>re</i> medical physics course, 1963.	
C.232	Minutes of meeting of the Committee anent the Staffing Position in the Medical Physics Unit, 19 April 1963.	
C.233	Correspondence <i>re</i> future of medical physics at Aberdeen, 1964. This followed the death of the Reader in Medical Physics, H.D. Griffith.	
C.234	'First year medical physics class data', 12pp typescript, 1964.	
C.235	Correspondence and papers <i>re</i> establishment of Chair in Medical Physics, 1964-1965.	

- C.236 '1st M.B. physics course. Information for Natural Philosophy Department, September 1965' by D.D. Lindsay, 3pp duplicated typescript.
- C.237 Correspondence and papers *re* proposed cyclotron, 1965, 1967.

Includes 20pp duplicated typescript 'Proposal' by J.R. Mallard, 1967.

Mallard, the newly appointed Professor of Medical Physics, argued that the University should acquire a cyclotron.
- C.238 Syllabus for physics lectures for '1st M.B., Ch.B.' 1966-1967.
- C.239 Correspondence, chiefly with J.R. Mallard, 1966.
- C.240 Correspondence and papers *re* proposed M.Sc. course in medical physics, 1967.
- C.241 Miscellaneous correspondence, 1968-1970.
- C.242 Correspondence *re* proposed increase in numbers of pre-clinical students, 1969.
- C.243-C.245 Correspondence and papers *re* Working Party on the Five Year Curriculum.

Following the recommendations of the Royal Commission on Medical Education, this Working Party was established to look at the structure and content of a five-year pre-clinical medical course.

Jones was concerned about the place of physics teaching within the new course, which would reduce the time required to qualify medically by one year.
- C.243 1970, 1971.
- C.244 March 1972.

C.245	May-December 1972.	
C.246	Correspondence <i>re</i> proposed B.Sc. unit course in medical physics, April, May 1972.	
C.247	Correspondence and papers <i>re</i> proposed unit courses in biophysics, 1973-1974.	
C.248	Miscellaneous correspondence, 1973-1975.	
C.249	Papers <i>re</i> proposed course in health physics, January 1976.	
C.250	Papers from meetings of Biophysics Steering Group, 1977, 1978.	
C.251	Miscellaneous correspondence, 1977-1981.	
C.252, C.253	Papers <i>re</i> Aberdeen cyclotron appeal, 1979. 2 folders.	
C.254	4pp duplicated typescript outline of 'Medical physics - content of lectures', n.d.	
C.255-C.262	Staffing	1955-1967
C.255	Lecturer, Medical Physics, 1955.	
C.256	Research Assistant, 1964.	

C.257, C.258	Professor of Medical Physics, 1965. 2 folders.	
C.259	Lecturer in Natural Philosophy (Medical Physics) / Assistant Radiation Protection Officer, 1965.	
C.260	Lecturer in Medical Physics (Electronic Biomedical Engineering), 1965.	
C.261	Appointments and upgradings, 1966-1967.	
C.262	Radiation Protection Officer, 1967.	
C.263-C.278	STUDENT AND STAFF UNREST	1956-1979
C.263-C.277	Student disaffection	
C.278	Staff industrial action	
C.263-C.277	Student disaffection	1956-1979
	The material chiefly documents student unrest at the University of Aberdeen in 1968 and 1969. There are student newspapers, notices and papers produced by the University authorities in response to the unrest. Jones was particularly unpopular with the student protestors and was subject to personal vilification.	
C.263	Issue of <i>Gaudie</i> 10 October 1956, reporting Jones' view that 'University rules too rigid'.	
C.264	6pp duplicated typescript 'Memorandum of the Students' Representative Council', 1961.	
C.265-C.267	Material <i>re</i> student unrest, 1968.	

- C.265 February-December 1968.
- Includes correspondence arising from article in *Gaudie* critical of Jones (see C.267).
- C.266 November 1968.
- Chiefly duplicated typescript papers *re* meeting of Senatus, 9 November, and action arising.
- C.267 Memorabilia including issues of *Gaudie*, October and November (issue of 27 November contains letter attacking Jones).
- C.268-C.273 Material *re* student unrest, 1969.
- C.268 Correspondence and papers *re* Jones' reply to *Gaudie*, January-March 1969.
- See also C.42.
- C.269 Correspondence and duplicated typescript papers *re* student representation, January-October 1969.
- C.270 Papers *re* visit of Scottish Sub-Committee of the Select Committee on Education and Science, February 1969.
- C.271 Papers *re* meeting of University of Stirling Political Co-ordination Group, March 1969.
- Jones was invited to attend this meeting on student representation in universities but was unable to do so because of other commitments.

- C.272 Correspondence and papers *re* incident at King's College Aberdeen, 4 November 1969.
- Includes press report.
- Jones tried to prevent Robin Blackburn, a lecturer from the London School of Economics and a University of Aberdeen Rectorial candidate, from addressing Aberdeen Sociology students.
- C.273 Memorabilia including issues of *Gaudie*, January and February 1969.
- See also C.42.
- C.274 Miscellaneous correspondence and papers, 1970.
- Includes letter from Jones to the *New Scientist* *re* material allegedly produced by the British Society for Social Responsibility in Science (see also G.286).
- C.275 Miscellaneous correspondence and papers, 1971.
- C.276 Correspondence and papers *re* departmental student representation, 1973-1979.
- Jones did not support the idea of student departmental representatives but argued for the use of informal channels of communication between students and staff.
- C.277 Correspondence and papers *re* University links with South Africa, 1977-1978.
- C.278 Staff industrial action 1978**
- C.278 Correspondence and papers *re* Association of University Teachers boycott of examinations, 1978.
- See also C.128.

C.279-C.282	MISCELLANEOUS	1971, 1975, 1976
C.279	Letter from Jones to R. Hanbury Brown <i>re</i> possible developments in radioastronomy at Aberdeen, May 1971.	
C.280	Papers <i>re</i> holders of Chair in Natural Philosophy at Aberdeen, January 1975.	
C.281, C.282	Correspondence and papers <i>re</i> Department of Natural Philosophy Museum, 1975, 1976. Jones wished to establish a teaching museum within the department.	
C.281	Application to the Nuffield Foundation for grant to support the Museum, 1975.	
C.282	Miscellaneous correspondence and papers, 1975-1976. Includes three photographs.	

SECTION D

RESEARCH TOPICS AND SCIENCE INTERESTS

D.1-D.456

The material in this section is the contents of Jones' box files of correspondence and papers relating to his active research interests and topics in which he took an interest.

The papers may include correspondence with colleagues, manufacturers and sellers of scientific equipment, drafts of publications and lectures, and manuscript and typescript notes. There is some overlap between topics so material found under one title may be continued under another, or a single sequence of correspondence may be interspersed between subjects. Thus, for example, work on the same topic may be found under 'Aberrations', 'Aether Drag' and 'Polarimeters'.

At D.456 is a typescript translation of a paper by Niels Bohr, 1941.

Jones' titles have been reproduced in the catalogue entries and the material is arranged in alphabetical order by title as follows:

D.1-D.19	'ABERRATIONS'
D.20-D.30	'AETHER DRAG'
D.31, D.32	'ASTRONOMY. NON-OPTICAL'
D.33-D.47	'BROWNIAN MOTION'
D.48-D.62	'CAPACITANCE MICROMETERS'
D.63, D.64	'COMPUTERS'
D.65-D.110	'CRYSTAL GROWING'
D.111-D.118	'D.G.R.E.' [DIFFRACTION GRATING RULING ENGINE]
D.119, D.120	'ELECTRON MICROSCOPES'.
D.121	'ELECTRONICS'

D.122-D.124	'FILTERS AND WINDOWS'
D.125-D.149	'FLYING SAUCERS'
D.150-D.157	'FUNDAMENTAL EXPERIMENTS'
D.158-D.164	'GALVANOMETERS'.
D.165-D.167	'GEOPHYSICS'.
D.168-D.175	'GRAVIMETERS'
D.176-D.185	'GRAVITY'.
D.186, D.187	'INFRA-RED'.
D.188-D.200	'INFRA-RED DETECTORS'.
D.201-D.219	'INSTRUMENT DESIGN'.
D.220-D.223	'INVENTION'.
D.224, D.225	'LAMPS'.
D.226-D.228	'LASERS'.
D.229-D.242	'LEVELS'.
D.243	'LOW TEMPERATURES'.
D.244	'MAGNETS'.
D.245	'MATHS CURIOS'.
D.246	'MEMORY'.
D.247	'METALS'

D.248, D.249	'METEOROLOGY'.
D.250-D.256	'METEORITES'.
D.257-D.271	'MICROBAROGRAPHS'.
D.272, D.273	'MINERALS'.
D.274	'MISCELLANEOUS MATERIALS'.
D.275, D.276	'MOON'.
D.277	'MOTORS'.
D.278-D.283	'NUCLEAR ENERGY'.
D.284-D.287	'OPTICAL COMPONENTS'.
D.288-D.308	'OPTICAL LEVERS'.
D.309, D.310	'OPTICS CURIOS'.
D.311-D.321	'POLARIMETERS'.
D.322-D.358	'RADIATION PRESSURE AND GRAVITATION'.
D.359-D.370	'RELATIVITY'.
D.371-D.375	'ROLLING'.
D.376-D.381	'SEISMOLOGY'.
D.382-D.387	'S.I.'
D.388-D.399	'SPECIAL SENSES'.
D.400-D.416	'SPRINGS'.

D.417-D.426	'STABILITY'.
D.427-D.430	'STANDARDS'.
D.431-D.433	'TIDES'.
D.434	'TRANSDUCERS'
D.435-D.448	'ULTRASONOSCOPE'.
D.449-D.452	'VACUUM'.
D.453	'VISUAL AIDS'
D.454, D.455	'WAVES'
D.456	OTHER

D.1-D.19 'ABERRATIONS' 1961-1979, n.d.

Chiefly relates to Jones' work on aether drag.

- D.1 Correspondence and papers from T. Erber, 1961.
- D.2 5pp duplicated typescript 'A rotational experiment on the existence of a medium for electromagnetic waves' by R. Latham, March 1962.
- D.3 Correspondence with Skan Ltd and other companies, *re* supply of glass discs and optical equipment, 1970-1974.
- D.4 Correspondence, 1970.
- D.5 Correspondence with G.L. Rogers, University of Aston, *re* work on aether drag, 1971-1976.

Includes drafts of Rogers' paper 'The presence of a dispersion term in the "transverse Fresnel aether drag" experiment'.
- D.6 Correspondence, 1971-1972.

Includes correspondence with P.T. Landsberg.
- D.7 Manuscript notes and graphs on work on aether drift, September, October 1971.
- D.8 ' "Fresnel aether drag" in a transversely moving medium' by Jones, *Proc. R. Soc. Lond. A*, **328** (1972).

17pp photocopied typescript + references and captions; correspondence *re* referee's comments on the paper, January-February 1972.

See also J.43.

- D.9 2pp and 4pp photocopied typescripts entitled 'Dispersion and the transverse "aether drag" ' by M.A. Player, commenting on Jones' paper, ca 1972.
- D.10 Manuscript notes and calculations, 1972, 1974.
- D.11 Correspondence, chiefly with P.T. Landsberg, 1973-1974.
- D.12 Correspondence, 1975.

Includes typescript 'A new "drag-of-light" experiment supports the absolute space-time theory' by S. Marinov, sent to Jones for submission for publication.
- D.13 ' "Aether drag" in a transversely moving medium' by Jones, *Proc. R. Soc. Lond. A*, **345** (1975).

20pp typescript corrected proof.
- D.14 5pp manuscript incomplete draft ' "Aether drag" in a transversely moving medium', n.d.
- D.15 1p manuscript note, probably for lecture, entitled 'Gdansk 9.X.75'.

See also G.137, G.138.
- D.16 Correspondence, 1976-1977.
- D.17 Correspondence, 1978-1979.
- D.18 13pp typescript titled 'My translation from Fizaue. Tape 3', n.d.

Possibly lecture by M.H. Fizeau.
- D.19 Miscellaneous typescript notes on aether drag work, n.d.

D.20-D.30 'AETHER DRAG' 1971-1979, n.d.

This material relates very closely to that at D.1-D.19 above.

D.20 'Some problems in optical measurement' by Jones, Presidential Address to Section A (Physics and Mathematics) of the British Association for the Advancement of Science, Swansea, 6 September 1971.

9pp typescript.

See also G.287-G.290.

D.21 Manuscript notes for the Address, 1971.

D.22 Miscellaneous manuscript notes, *ca* 1971.

D.23 Correspondence, 1971-1975, 1979.
Includes correspondence with G.L. Rogers and P.T. Landsberg.

D.24 6pp typescript ?translation of 'On a method of finding out if a plane of a refracted ray is influenced by the movement of the refracting body...' by M.H. Fizeau, *ca* 1972.

D.25 Manuscript notes and calculations, March-July 1974.

D.26 Manuscript notes on aether drag, January 1975.

D.27 Typescript pages of draft on aether drag, probably early draft of ' "Aether drag" in a transversely moving medium' (see D.13). *ca* 1975.

D.28 Manuscript draft plan, notes and calculations found with the preceding.

D.29 Duplicated typescript physics notes from University of Aston, n.d.

D.30 Photocopied manuscript note on the transverse Fresnel effect, n.d.

D.31, D.32 'ASTRONOMY. NON-OPTICAL' 1955-1986

D.31 Correspondence, 1955, 1971.

Correspondence 1971 is chiefly *re* Science Research Council proposal for projected radio-telescope.

D.32 Correspondence, 1972, 1985, 1986.

Correspondence 1985-1986 chiefly *re* future location of the Royal Greenwich Observatory.

D.33-D.47 'BROWNIAN MOTION' 1950-1977

The 1950 material relates to Jones' article 'Some points in the design of optical levers and amplifiers', *Proceedings of the Physical Society*, **64** (1951).

D.33-D.39 1950 data.

Readings and calculations from series of runs with galvanometer carried out August 1950.

D.33 'Run I'.

D.34 'Run J'.

D.35 'Run K'.

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| D.36 | 'Run L'. |
| D.37 | 'Run M'. |
| D.38 | 'Run N'. |
| D.39 | 'Run 2'. |
| D.40-D.42 | Manuscript notes, calculations and data, 1950.
3 folders. |
| D.43 | Plates for 'Some points in the design of optical levers and amplifiers'. |
| D.44 | Correspondence, 1959-1977. |
| D.45 | 13pp typescript 'Limiting accuracy in measurements involving a suspended system and the effect of feedback' by C.W. McCombie, ca 1959. |
| D.46 | 3pp typescript 'Note to Professor N.F. Astbury. Fluctuations in systems containing permanent magnets'. Author unknown, n.d. |
| D.47 | Manuscript note 'Fluctuations in the length of a bar', n.d. |

D.48-D.62 'CAPACITANCE MICROMETERS' 1963-1996

- D.48 Correspondence, 1963-1970.
- Includes correspondence arising from Jones' article 'The measurement and control of small displacements', *Bulletin of the Institute of Physics and the Physical Society* **18** (1967), and arrangements for lecture by Jones on 'The production and control of small movements' to the Institution of Electrical Engineers, April 1970.
- D.49 12pp typescript 'Work on a mechanical stepping device' by C.W. McCombie, September 1966.
- D.50 Royal Radar Establishment Technical Note 742 on 'Micro-step Motor' by G.C. Joyce and G.C. Wilson, May 1969.
- D.51 'Capacitance micrometers of high sensitivity' by ?Jones, 7pp typescript. 1960s.
- D.52 Manuscript and photocopied manuscript notes. 1960s.
- D.53 Correspondence, 1970.
- D.54 Correspondence, 1971-1972.
- D.55 Correspondence and papers, 1972.
- D.56 26pp photocopied typescript + references and figures 'Linear capacitance transducers with high resolution' by J.C.S. Richards, University of Aberdeen, ca 1972.

- D.57, D.58 'Electrical design of sensitive capacitance micrometers' by Jones and J.C.S. Richards, *Journal of Physics E: Scientific instruments*, **6** (1973).
- D.57 28pp typescript + references.
- D.58 Correspondence with publishers re publication, 1973.
- D.59 Correspondence, 1973-1975.

Includes correspondence arising from 'Electrical design of sensitive capacitance micrometers'.
- D.60 Correspondence, 1976-1978.
- D.61 Refereeing comments, 1979.
- D.62 Correspondence, 1982-1996.
- D.63, D.64 'COMPUTERS' 1969-1986**
- D.63 26pp photocopied typescript 'The language of computers' by Lord Bowden, 1st Richard Goodman Lecture, 2 May 1969.
- D.64 Correspondence 1970-1986.

D.65-D.110

'CRYSTAL GROWING'

1946-1982, n.d.

This material is correspondence and papers *re* the crystal growing programme carried out in Jones' Department at Aberdeen after the Second World War. The programme grew crystals for other academic institutions and held contracts with government departments to produce crystals.

At D.100-D.103 are bound departmental reports on government consultancies, at D.104-D.107 is correspondence relating to an individual contract with the company Mervyn Instruments, and at D.108-D.110 is a little material relating to social functions of the Scientific Instrument Manufacturers Association.

- D.65 5pp typescript notes on 'Holes in crystals', annotated 'By F.C. Frank for RVJ - Summer 1946'.
- D.66 Correspondence, 1949-1951.
- Includes correspondence *re* crystal growing contract with the Ministry of Supply.
- D.67 Minutes of meeting at Ministry of Supply to discuss manufacture of lithium fluoride crystals, 21 August 1951.
- D.68 Correspondence, 1953.
- Chiefly *re* crystal growing programme at Aberdeen.
- D.69 Correspondence, 1954-1955.
- Includes correspondence with P.B. Moon and R. Wilson *re* crystal production.
- D.70 Correspondence, 1956.
- Includes correspondence *re* supply of crystals to University of Glasgow.

- D.71 Correspondence, 1957.
Includes report to the Ministry of Supply.
- D.72 Correspondence, 1958.
- D.73 1p duplicated typescript report on crystal growing at Aberdeen, annotated 'BBC Overseas Service 1958'.
- D.74 Typescript programme and instructions for work at Aberdeen, 1958, 1960.
- D.75 Manuscript draft of letter by Jones on synthesis of diamond, ca 1958.
- D.76 Correspondence, 1959.
- D.77 'Crystal growing at Aberdeen', grant application and report to the Department of Scientific and Industrial Research, 7pp typescript + references, 2pp typescript outline budget. 1959.
- D.78 'The Soret effect and crystal growth', 4pp typescript + references. Author unknown, latest bibliographical reference 1959.
- D.79 Correspondence, 1960.
Includes report on crystal growing to the Ministry of Aviation and correspondence with W.C. Price, King's College London.
- D.80 Manuscript notes on crystal growth and graphs from work on Lithium fluoride crystals, 1960.
- D.81 'Annual Report on the Growth of Crystals - ending 31st January 1961', 3pp typescript.

- D.82 Correspondence, January-July 1961.

Includes correspondence *re* supply of crystals to USA and visit of D.A. Jones of Aberdeen to Harvard University.
- D.83 Correspondence, August-December 1961.
- D.84 Report on crystal growing work, *ca* 1961.
- D.85 Correspondence, 1962.
- D.86 'Report on Crystal Growth for the year ending 31.1.1962', 3pp typescript.
- D.87 'Growth of crystals with controlled impurities for laser purposes (read at Royal Society Symposium of 8th March 1962, by D.A. Jones and R.V Jones)', 7pp typescript.
- D.88 'The design of large Stockbarger furnaces' by Jones, D.A. Jones and R.W.H. Stevenson, 14pp photocopied typescript, *ca* 1962.
- D.89 Correspondence, 1963.

Chiefly correspondence with E.P. Warekois of Crymet Research, Inc.
- D.90 'Diary of Laser dates', 1963-1964.

Records correspondence and meetings relating to delays in government supported laser research.
- D.91 Correspondence, 1964.

Includes correspondence *re* Ministry of Aviation contracts for laser research at universities and Ministry of Defence contract for work on doped crystals.
- D.92 1p typescript note of 'I.R.C. Meeting on 24.1.64'.
- D.93 'Report to the Science Research Council on Crystal Growth at Aberdeen, 1964-1965', 7pp typescript.

- D.94 Correspondence, 1965-1966.
Includes correspondence with F.C. Frank.
- D.95 Correspondence, 1967, 1972-1975.
- D.96 Correspondence *re* talk by Jones at CERN Colloquium, 29 July 1975.
- D.97 Correspondence, 1976-1978, 1982.
- D.98 Undated typescript notes on crystal growing:

'A draft provisional specification', 3pp; 'Proposal for crystal growing research in Natural Philosophy Department, Aberdeen University', 2pp; 'Crystal growing', 1p.
- D.99 Three photographs of equipment, n.d.
- D.100-D.102 Bound reports from the Natural Philosophy Department on 'The Growth of Pure and Doped Crystal from the Melt'.
- D.100 Autumn 1965.
- D.101 Autumn 1966.
- D.102 Autumn 1967.
- D.103 Bound report from the Natural Philosophy Department on 'The Growth and Preparation of Single Crystals suitable for the Infra-Red Mono-Chromator Detector Work', May 1970.
- D.104-D.107 Correspondence and papers *re* contract with Mervyn Instruments, 1958-1963.

Jones' Department had a contract to supply a crystal-growing furnace to Mervyn Instruments. The bulk of the correspondence is with A.G. Peacock, one of the Directors, and includes some personal letters.

D.104 1958.

D.105 1959.

D.106 1960.

D.107 1961-1963.

D.108-D.110 Correspondence *re* annual dinner dances of the Scientific Instrument Manufacturers Association (SIMA).

Through his involvement with Mervyn Instruments, Jones invited a number of his colleagues to attend the annual dinner dance of SIMA.

D.108 1959.

Includes group photograph taken during the dinner dance.

D.109 1960.

D.110 1961.

D.111-D.118	'D.G.R.E.' [DIFFRACTION GRATING RULING ENGINE]	1949-1975
D.111-D.115	<p>Correspondence, chiefly with W.E. Curtis and the Royal Society, <i>re</i> Paul Instrument Fund Grant to Jones and A.H.S. Holbourn to construct a DGRE, 1949-1960.</p> <p>Curtis was the Royal Society's Assessor (joined by J.D. McGee in 1956). In 1960, with a DGRE still not completed they ceased to receive money from the Paul Fund although work on the DGRE continued to 1964.</p>	
D.111	1949-1952.	
D.112	1953-1955.	
D.113	1956.	
D.114	1957-1959.	
D.115	1960.	
D.116	<p>Correspondence <i>re</i> continuing work on the DGRE, 1961-1964.</p> <p>Includes correspondence with Paton Hawksley Electronics Ltd, who undertook to continue the work from 1965.</p>	
D.117	<p>Correspondence, 1971, 1975.</p> <p>Includes correspondence <i>re</i> work by P.B. Fellgett and A.E. Gee, funded by a Paul Instrument Fund Grant, to construct a 'Ruling Engine'.</p>	
D.118	3rd and 4th reports by Gee on the 'Ruling Engine Project', 1973, 1974.	

D.119, D.120 'ELECTRON MICROSCOPES' 1969-1986, n.d.

D.119 Correspondence and papers, 1969-1986.

Includes Science Research Council report on 'Field Emission Gun Electron Microscopes', August 1972.

D.120 8 photographs and photocopy of newspaper cutting *re* Photo Electron Spectromicroscope, found therewith, n.d.

D.121 'ELECTRONICS'. 1977-1996, n.d.

D.121 Papers, 1977-1996, n.d.

Includes material *re* response to Scottish Office paper on 'Electronics manpower for the 1980s', 1981; 8pp duplicated typescript 'Notes for lecture - Some problems in communication', n.d.

D.122-D.124 'FILTERS AND WINDOWS'. 1946, 1951-1972, n.d.

D.122 Bound copy of 'Collected refractive index and dispersion curves for various crystals transparent in the infra red region' by C.N. Richmond, Admiralty Research Laboratory, 18 January 1946.

D.123 Correspondence, 1951-1972.

D.124 13pp duplicated typescript 'Notes on Infra-red filters' by Jones, n.d.

D.125-D.149

'FLYING SAUCERS'

1955-1995

Jones was very interested in reports of unexplained aerial phenomena. He lectured and wrote on the subject, his best-known title being 'The natural philosophy of Flying Saucers', published in *Physics Bulletin*, **19** (1968).

The material also includes some papers relating to other unexplained reported phenomena such as the 'Loch Ness monster' and the reported psycho-kinetic abilities of Uri Geller.

- D.125 Brief correspondence and newspaper cutting *re* falling 'mystery object', March 1955.
- D.126 Correspondence, 1965, 1967.
- Includes correspondence *re* lecture to the Newcastle upon Tyne Astronomical Society on 'The natural philosophy of Flying Saucers', 23 November 1967.
- D.127 'The natural philosophy of Flying Saucers' by Jones, 21pp typescript draft with manuscript corrections, 19 November 1967.
- D.128 Press-cuttings reporting Jones' lecture, November 1967.
- D.129 Correspondence arising from Jones' lecture and its subsequent publication, 1968.
- D.130 Correspondence, 1969-1972.
- D.131 'Natural wave phenomena' by Jones, 2pp typescript, 1970.
- D.132 Newspaper cuttings *re* Aberdeen UFO Research Group, 1970.
- D.133 Manuscript notes for talk or paper on Flying Saucers, 1973.

- D.134 Correspondence *re* reported abilities of Uri Geller, 1974.
- D.135 Correspondence, chiefly *re* UFOs, 1975.
- D.136 Copies of issues of 'Aquarius Viewpoint', 1975.
- D.137 Correspondence, 1976-1978.
- D.138 'Special preprint' of two papers by F. Hoyle and N.C. Wickramasinghe: 'Diseases from Outer Space' and ' "Soup" on comets and the origin of life', October 1977.
- D.139 Correspondence, 1980.
- D.140, D.141 Correspondence and papers *re* 'UFO event at Livingston', Scotland, 1980.

Correspondence with Stuart Campbell of the British UFO Research Association.
- D.140 Correspondence and papers, 1980.
- D.141 'Taylor Case' report by Stuart Campbell, June 1980.
- D.142 Correspondence, 1981-1982.

Includes continuing correspondence with Campbell.
- D.143 Correspondence with Campbell, 1986.
- D.144 Correspondence, chiefly with Campbell, 1988.

- D.145 Correspondence, 1991, 1995.
Includes correspondence *re* 'foo-fighters'.
- D.146 Event notification reports from the Center for Short-Lived Phenomena', Smithsonian Institution, Washington DC, USA, 1969-1976.
See also D.256.
- D.147-D.149 Miscellaneous photocopied background material.
3 folders.
- D.150-D.157 'FUNDAMENTAL EXPERIMENTS' 1947-1988, n.d.**
- D.150 Manuscript notes on 'Problems', 1947, and 'Levity', 1949.
- D.151 Grant proposal, 1971.
- D.152 Correspondence, 1975.
- D.153 Typescript note beginning 'There are now two ways of trying to fulfil the aims of this work [on Special Relativity]' by J.R. Drewe, paginated 25-38, *ca* 1975.
- D.154 Correspondence, chiefly with W.A.S. Murray on wave-mechanics, 1978.
- D.155 Correspondence, 1981-1983.
- D.156 Correspondence, 1985-1988.
Includes correspondence with S.K. Runcorn *re* use of tiltmeter.

D.157 10pp typescript 'A persistent current magnetometer with novel applications' by J.M. Pierce, n.d.

D.158-D.164 'GALVANOMETERS' ca 1935-1969

D.158 'The factors of merit of moving coil galvanometers and relay systems' by Jones, 11pp typescript with instructions for use of P.J. Kipp & Zonen galvanometer found therewith. ca 1935.

This was written while Jones was Skynner Senior Student for Research in Astronomy, Balliol College Oxford.

D.159 Manuscript notes, late 1940s.

D.160 Instructions etc for P.J. Kipp & Zonen galvanometer, 1948.

D.161 Correspondence, chiefly with H. Tinsley & Co. Ltd *re* supply of galvanometer, 1948-1949.

D.162 Correspondence 1950-1955.

D.163 Correspondence with H. Tinsley & Co. *re* repair of galvanometer, and Pilkington Brothers Ltd *re* glass for galvanometer, 1956.

D.164 Correspondence and papers, 1957-1969.

D.165-D.167 'GEOPHYSICS' 1955-1975

D.165 Proposal by Jones for 'A geophysics unit in Aberdeen', 1955.

D.166 Correspondence and papers, 1960-1975.

D.167 Papers of Royal Society discussion meeting on 'The Measurement and Interpretation of Changes in Strain in the Earth', 10-12 May 1972.

Jones was a co-organiser.

Programme; 5pp typescript report on 'Aberdeen Tiltmeters and Gravimeters'; annex to proceedings of the meeting. 1972-1973.

D.168-D.175	'GRAVIMETERS'	1962-1987, n.d.
D.168	Correspondence, 1962-1963.	
D.169	'Gravimeter I Diary', 7pp typescript record of gravimeter performance 1965-1969, with 2pp manuscript notes found therewith.	
D.170	18pp photocopied typescript + references and figures of 'Tidal to seismic frequency investigations with a quartz accelerometer of new geometry' by B. Block and R.D. Moore, ca 1967.	
D.171	Correspondence, 1969-1971. Includes correspondence with A.H. Cook, Chairman of the Royal Society's Earth Strain Studies Panel, of which Jones was a member.	
D.172	21pp photocopied typescript + figures 'Rough draft' of 'Tidal measurements with the superconducting gravimeter' by W.A. Prothero and J.M. Goodkind, ca 1971.	
D.173	Correspondence, 1974-1979, 1987.	
D.174	Manuscript and photocopied manuscript gravimeters sketches, n.d.	
D.175	'Report to NERC. University research involving strain gauges', n.d.	

D.176-D.185 'GRAVITY' 1963-1987

- D.176 Correspondence, 1963-1969.
- D.177 Proposal for 'A summer school on gravitation' by Jones, 1p typescript, December 1966.
- D.178 3pp typescript note on 'Josephson Tunnelling through a vacuum' by P.C. Wraight, January 1970.
- D.179 9pp photocopied typescript 'The application of piezoelectric strain gauges in equipment designed to detect gravitational waves' by J. Edwards, October 1970.
- D.180 14pp duplicated typescript + figures of 'Measurements of gravitation' by A.H. Cook, September 1971.
- D.181 25pp photocopied typescript 'Solar probe mission definition study report', 1976.
- D.182 Correspondence, chiefly with G.T. Gillies, 1981-1986.
- D.183 Reports on work of B.J. Meers, University of Glasgow, on a detector for gravitational radiation, sent to Jones 1982.
- D.184 Miscellaneous invitations to and programmes of meetings on gravitation, 1982-1987.
- D.185 Refereeing grant proposals for work on gravitational measurement etc, 1984.

D.186, D.187	'INFRA-RED'	1949-1981
D.186	Telecommunications Research Establishment report no. T2125 on 'Comparative measurements of Hilger-Schwarz thermocouples and thermistor bolometers' by D.A.H. Brown, 1949.	
D.187	Correspondence, 1960-1981.	
D.188-D.200	'INFRA-RED DETECTORS'	1949-1973, n.d.
D.188	2pp note on 'Sensitivity of Schwartz-Hilger thermopiles' by E. Schwarz, January 1949.	
D.189	Correspondence, 1956-1957. Includes correspondence with C.W. McCombie of Aberdeen University, <i>re</i> his Fellowship at the Department of Physics, University of Illinois, 1956.	
D.190	Manuscript notes for lectures at Bristol, 24 November 1957, Edinburgh, 3 March 1958, Aberdeen, 7 October 1958 and Liverpool, 12 November 1958.	
D.191	Correspondence, chiefly with F.E. Jones and Mullard Ltd <i>re</i> photoconductive cells, 1958-1959.	
D.192	6pp duplicated typescript 'Fluctuations in the absorption and emission of photons', by C.W. McCombie, <i>ca</i> 1959.	
D.193, D.194	Manuscript notes, ?late 1950s. 2 folders.	

- D.195 Correspondence, 1960.

Includes correspondence *re* Jones' Royal Institution lecture of 18 March on infra-red radiation.
- D.196 Correspondence, 1962-1973.
- D.197 Telecommunications Research Establishment report no. T1963, 1963.
- D.198 Radio Research Establishment Memo no. 2219 on 'Radiation detectors - visible to far infrared' by E.H. Putley, 1965.
- D.199 18pp duplicated typescript 'A preliminary report on the absorption edge shift infra-red radiation detector' by R. Innes, n.d.
- D.200 2pp duplicated typescript 'Specification for photoconductive cells for spectroscopy', n.d.
- D.201-D.219 'INSTRUMENT DESIGN' 1955-1982, n.d.**
- D.201, D.202 Department of Scientific and Industrial Research Scientific Instrument Research Association (SIRA) Survey Panel papers, 1955, 1956.

Jones was a member of the Panel.

See also H.15.
- D.201 'Instrument research in British universities' by Jones, 7pp duplicated typescript + appendices, June 1955.
- D.202 Survey Panel report, 83pp duplicated typescript, June 1956.
- D.203 Manuscript notes on principles of instrument design, 1956.

- D.204 Correspondence, 1959-1960.
- D.205 Papers relating to Scientific Instrument Manufacturers Association 1960 Convention, Eastbourne, Sussex, 17-20 November.

Manuscript notes for Jones' lecture at the convention, 18 November 1960; Printed report on papers on 'Productivity'.
- D.206 Correspondence, 1962-1966.
- D.207 Correspondence, 1967.

Includes reports on work from J. Rawcliffe, University of Manchester Institute of Science and Technology.
- D.208 Correspondence, 1968-1969.
- D.209 Duplicated typescript papers from Verein Deutscher Ingenieure and Verband Deutscher Elektrotechniker *re* meetings, 1968-1969.
- D.210 Correspondence, chiefly *re* Worshipful Company of Scientific Instrument Makers/Massachusetts Institute of Technology Travelling Fellowships, 1970.
- D.211 Correspondence, chiefly *re* Company of Scientific Instrument Makers/MIT Travelling Fellowships, 1972.
- D.212 Correspondence, chiefly from P.H. Sydenham *re* research and career, 1974-1975.
- D.213 Correspondence, 1976.
- D.214 Correspondence, 1978-1980.

- D.215 Science Research Council review of University of Aberdeen Natural Philosophy Department M.Sc. course on Principles of Instrument Design, 1979.
- D.216 Invitation to and papers for the Ninth International Colloquium on Feinwerktechnik/Microengineering, London, 15-17 September 1982.
- D.217 1p duplicated typescript 'Notes on the use of electrical equipment', n.d.
- D.218 2pp typescript + figure of 'Improved scale illumination in the Hilger Small Quartz Spectrograph', n.d.
- D.219 Manuscript notes, n.d.
- D.220-D.223 'INVENTION' 1947-1981, n.d.**
- Jones was interested in invention and the conditions behind creativity.
- D.220 39pp photocopied typescript notes of lecture course on 'Design and the conditions which influence it' by H. Clausen, given in 1947.
- D.221 Correspondence, 1970-1972.
- D.222 Correspondence, 1973-1981.
- Includes correspondence and papers from C.L. Goodacre on 'Marker' system of automobile engine, 1981.
- D.223 Typescript notes by Jones for 'The other way round' (see K.190-K.197) and other talks on inventions and discoveries, n.d.

1964-1980

D.225 Correspondence, 1969-1980.

1968-1993

D.228 Correspondence, chiefly from suppliers of laser equipment, 1980-1993.

1963-1991, n.d.

Includes letter from Hilger & Watts Ltd, with results of tests on 'Bendix' flexure pivot, April 1968.

- D.232 Manuscript results, July 1967.
- D.233 Correspondence, 1967.
- D.234 Papers of meeting of Royal Society *ad hoc* Panel on Earth Strain Studies, 11 December 1969.

Jones joined the Panel at this meeting. See also H.866.
- D.235 Correspondence, 1970-1971.
- D.236 Correspondence, chiefly with L. Carpenter, Department of Engineering Science, Oxford, *re* tilt effects, 1972.
- D.237 Correspondence, 1974-1979.
- D.238, D.239 Correspondence and papers *re* A.A. Mills' Paul Instrument Fund project to construct an optical tiltmeter, 1976-1981.
- D.238 1976-1979, 1981.
- D.239 1980.
- D.240 Refereeing grant application, 1976.
- D.241 Correspondence, 1982, 1991.
- D.242 Incomplete typescript draft by Jones beginning, 'There are always two shots on the board - the one you aim for and the one you get', 5pp, with pages of manuscript draft found therewith. ?1980s.

D.243 **'LOW TEMPERATURES'** **1971-1980**

D.243 Correspondence, 1971-1980.

Includes correspondence on possible use of liquid nitrogen to disable explosive devices, 1971.

D.244 **'MAGNETS'** **1965-1981**

D.244 Correspondence, 1965-1981.

D.245 **'MATHS CURIOS'** **n.d.**

D.245 Manuscript calculation, n.d.

D.246 **'MEMORY'** **1988-1996**

D.246 Correspondence, 1988-1996.

D.247 **'METALS'** **1972-1976, n.d.**

D.247 Correspondence *re* supply of precious and base metals, 1972-1976, n.d.

D.248, D.249 **'METEOROLOGY'** **1969, 1975**

D.248 Correspondence, 1969, 1975.

Includes correspondence *re* papers, books, slides and instruments of James Paton, 1975.

D.249 Draft papers by M. Gadsden, sent to Jones for information. 1970s.

D.250-D.256 **'METEORITES'** **1965-1994**

D.250 Correspondence, 1965, 1971.

D.251-D.254 Correspondence with E.H. Bateman *re* his theory on the plumes created by meteroids, 1978-1985.

D.251 12pp typescript of first parts of 'The mystery of alpha plume. The meteroid of 1969/4/25/20hr/22min' by Bateman, with covering letter 30 August 1978.

D.252 Correspondence and papers, September-November 1978.

D.253 Correspondence, chiefly *re* publication of Bateman's paper, 1982, 1983.

D.254 Correspondence, 1985.

D.255 Letter from F. Hoyle, *re* his suggestion that organic matter on Earth came from Space via meteorites, 27 September 1994.

D.256 Event notification reports from the Center for Short-Lived Phenomena', Smithsonian Institution, Washington DC, USA, 1969-1977.

See also D.146.

D.257-D.271

'MICROBAROGRAPHS'

1959-1993, n.d.

In 1961 Jones' team at Aberdeen detected the shockwave from a Soviet nuclear test with their microbarograph. The test (50-megaton) was the then largest ever man-made explosion.

D.257 Correspondence, chiefly *re* observations of wave structure in atmospheric micropressure patterns made with Aberdeen microbarograph, 1959, 1961.

D.258 Manuscript notes, 1959-1961.

D.259 Note by Jones on Aberdeen microbarograph reading from Soviet nuclear test, 11 November 1961.

D.260 Newspaper cuttings reporting the Soviet nuclear test and Aberdeen's recording of it, November 1961.

D.261, D.262 'Subacoustic waves from large explosions' by Jones, *ca* 1961.

D.261 6pp typescript + references and figures.

D.262 Earlier typescript draft.

D.263 Correspondence, 1962.

Includes correspondence *re* Jones' recording of Soviet nuclear test and seismic records of the 1908 Siberian meteorite, and tests on microbarograph on Loch Skene.

D.264-D.266 Microbarograph readings, 1961-1962.

3 folders.

D.267 'Subacoustic waves from recent nuclear explosions' by Jones, 3pp typescript + captions and figure, ca 1962.

D.268 Manuscript notes of recordings made by 'U.S.C.G.S.', August-September 1962.

D.269 Correspondence, 1963-1967.

D.270 Correspondence, 1971-1993.

Includes correspondence with G. DiVita re waves from atmospheric nuclear explosions, 1983.

D.271 Manuscript draft on sensitivity etc of the microbarograph, n.d.

D.272, D.273 'MINERALS' 1950-1975

D.272 Correspondence, chiefly re work on lead sulphide 1950-1958.

Includes typescript notes re lead sulphide deposits in the USA.

D.273 Correspondence, 1960-1975.

Includes correspondence re supply of lead sulphide specimens from the USA, 1960-1961.

D.274 'MISCELLANEOUS MATERIALS' 1965-1972

D.274 Correspondence, chiefly from suppliers of minerals, 1965-1972.

D.275, D.276	'MOON'	1971
D.275	Manuscript, photocopied manuscript and typescript drafts <i>re</i> the surface temperature of the Moon, 1971.	
D.276	Miscellaneous background material found therewith.	
D.277	'MOTORS'	1970-1980
D.277	Correspondence from suppliers of motors and similar equipment, 1970-1980.	
D.278-D.283	'NUCLEAR ENERGY'	1945-1971
D.278	Incomplete 'Talk by F.C. Frank - SIS 1945' on atoms and atomic energy, duplicated typescript paginated 2-18.	
D.279	Untitled 29pp duplicated typescript of lecture on atoms and atomic energy. Author unknown, n.d. Possibly related to preceding.	
D.280	Manuscript notes for lecture by Jones to Aberdeen Civil Engineers on 'Principles and prospects of nuclear power', 7 December 1954.	
D.281	Correspondence, 1957-1963.	
D.282	Correspondence on nuclear explosions, 1961, 1962.	
D.283	Photocopied typescript lecture notes on 'Particle physics', 1971.	

D.284-D.287 'OPTICAL COMPONENTS' 1973-1988

D.284 Correspondence, 1973-1974.

D.285 Correspondence, 1975.

Includes correspondence with P.B. Clapham, National Physical Laboratory, *re* optical coatings.

D.286 2pp manuscript note (not in Jones' hand) on 'Multilayer mirrors', 7 May 1975.

D.287 Correspondence, 1976-1988.

D.288-D.308 'OPTICAL LEVERS' 1952-1980, n.d.

Much of the correspondence is requests for offprints of Jones' work on optical levers and information on work going on at other research establishments.

D.288 Manuscript notes for lecture to Royal Society of Edinburgh on 'Some applications of the optical lever', 5 May 1952.

D.289 Correspondence, 1955, 1959.

D.290 Correspondence, chiefly enquiries *re* Jones' work on optical levers, 1960.

D.291 Manuscript notes for lectures by Jones on optical lever:

22 September 1960; N.E.L., 20 January 1961; Birmingham, 25 October 1961; Cavendish Laboratory, Cambridge, 7 March 1962.

- D.292 Untitled 12pp typescript + appendix on optical lever by Jones, ca 1961.

Probably related to 'Some developments and applications of the optical lever', *Journal of Scientific Instruments* **38** (1961).
- D.293 Pages of manuscript and typescript drafts found therewith.
- D.294 Correspondence, 1961.
- D.295 Correspondence, 1962.
- D.296 Correspondence, 1963.

Includes correspondence *re* work on levers with D. Baldock, Atomic Energy Research Establishment, Harwell, Berkshire.
- D.297 Correspondence, 1964.
- D.298 Correspondence, 1965.
- D.299 Duplicated typescript papers on optics by J. Dyson, 1965, 1966.
- D.300 Correspondence, 1966-1968.
- D.301 Correspondence, 1969-1972.
- D.302 Photocopied manuscript readings, October 1972.
- D.303 Correspondence, 1973-1975.

Includes correspondence from B. Allardyce, CERN, *re* his ideas on measuring a proton beam.

- D.304 Correspondence, 1977-1980.

Includes correspondence from J.E. Stangroom, University of Sheffield, *re* their work on the optical lever.
- D.305 Refereeing, 1979-1980.
- D.306 Miscellaneous typescript pages of drafts, n.d.
- D.307 Miscellaneous manuscript notes, calculations and diagrams, n.d.
- D.308 5 photographs and a diagram (plate for publication) of equipment.
- D.309, D.310 'OPTICS CURIOS' 1968-1981, n.d.**
- D.309 'Image enhancement. Report on a visit to the USA by J.D. Redman, October 1968', 6pp duplicated typescript + figures.
- D.310 Correspondence, 1969-1981; figures, n.d.
- D.311-D.321 'POLARIMETERS' 1970-1983, n.d.**
- D.311 Correspondence 1970-1971.

Includes correspondence with M.H.L. Pryce *re* work on aether drag.
- D.312 Correspondence, 1972.

Includes 2pp typescript 'Notes for H. Barber', 10 July.

- D.313 Correspondence, 1973.

Includes draft of patent application by G.F.J. Garlick for 'Differential Optical Polarisation Detectors'.
- D.314 Correspondence, chiefly with J. Dyson, National Physical Laboratory, *re* interferometer, and M.H.L. Pryce, 1974-1975.
- D.315 Manuscript note for lecture by Jones on 'Rotary Aether drag', 14 July 1974.
- D.316 Readings from laser polarimeter, 'Start 28/8/75'.
- D.317 Correspondence, 1976, 1983, n.d.
- D.318 Correspondence *re* paper 'Coriolis contribution to the rotary ether drag' by N.B. Baranova and B. Ya. Zel'dovich, submitted for publication, 1979.
- D.319 Manuscript and typescript pages of draft and photocopied manuscript notes on 'The effect of a rotating medium on plane polarised light', n.d.
- D.320 Manuscript and typescript notes on aether drag, n.d.
- D.321 6pp typescript draft 'On the dragging of the plane of polarisation of light propagating in a polarising medium' by M.A. Player.
- D.322-D.358 'RADIATION PRESSURE AND GRAVITATION' 1951-1992, n.d.**
- D.322 31pp typescript ?copy of 'On the theory of radiometer' by P. Epstein, 1927.

- D.323 Manuscript notes for lectures by Jones, 1951:

'Radiation pressure', 2 February; university lecture, 22 February; 'The pressure of light WEA', 12 October; St Andrew's Maths and Physics Society, 22 October.
- D.324 Correspondence, 1953-1954.
- D.325 Correspondence, chiefly with E.G. Cullwick, 1965, 1967.
- D.326 Correspondence, chiefly with I. Brevik, Norwegian Institutt for Teoretisk Fysikk, re electromagnetism, 1969.
- D.327-D.331 Correspondence with R.E. Peierls, 1970-1978.

This correspondence with Peierls was initiated by remarks he made on radiation pressure in a refracting medium. Experimental results by Jones and J.C.S. Richards ('The pressure of radiation in a refracting medium', *Proc. Roy. Soc. Lond. A*, **221** (1954)) seemed to conflict with theoretical conclusions reached by Peierls.
- D.327 1970.

Includes manuscript notes by Jones on 'the Einstein light-box experiment'.
- D.328 1971, 1973, 1974.
- D.329 1975.

Draft of 'The momentum of light in a refracting medium' by Peierls, 13pp photocopied typescript + introduction, sent to Jones for comment.
- D.330 1976-1977.
- D.331 1978.

Includes Peierls 8pp photocopied calculation of 'Reflection from multi-layer system'.
- D.332 Correspondence, 1970-1972.

Includes comments by M.H.L. Pryce on draft paper 'The momentum of a light wave in a refracting medium' by M.G. Burt and Peierls, and remarks on Jones' correspondence with Peierls from I. Brevik.

D.333 Correspondence *re* publication in *Physical Review Letters* of 'Radiation pressure in an optically dense medium' by Jones and J.C.S. Richards, with 8pp typescript + references + captions. 1973.

The paper was rejected.

D.334 Correspondence, January-June 1973.

Includes correspondence from J.A. Arnaud, Bell Laboratories, *re* papers on dielectrics.

D.335 Correspondence, July-September 1973.

D.336 30pp photocopied manuscript notes on 'Mass-energy relationship and radiation momentum' by G. Murray, February 1973.

D.337 Correspondence, chiefly *re* work on radiation pressure, 1974-1975.

D.338 'Radiation pressure and "aether drag" ' by Jones, 19pp photocopied typescript + references etc of lecture given in Warsaw, Poland, 11 October 1975.

See also G.137, G.138.

D.339 Refereeing paper, 1975.

D.340 Correspondence, 1976-1977.

Includes draft of 'Dispersion and the transverse aether drag; a comment' by J.A. Arnaud, sent to Jones for submission for publication, 1976; correspondence from C.W.F. Everitt, Stanford University, *re* work on gyro relativity.

D.341 Manuscript notes on 'Radiation pressure', 1976-1979.

- D.342 'Radiation pressure of light in a dispersive medium' by Jones, *Proc. Roy. Soc. Lond. A*, **360** (1978).
7pp typescript + references; correspondence *re* publication, 1977-1978.
- D.343 Miscellaneous material, 1977.
- D.344 Correspondence, chiefly with B. Leslie, M.E. McIntyre and G.L. Rogers, *re* radiation pressure problem, January-May 1978.
- D.345 Correspondence, June-September 1978.
Includes pages of photocopied manuscript note on 'Pressure and momentum of e-m waves in a dispersive medium' by J.A. Ratcliffe.
- D.346 18pp photocopied typescript 'Angular momentum balance and transverse shifts on reflection of light' by M.A. Player, 1 May 1978.
- D.347 'Radiation pressure and "aether drag" in a dispersive medium' by Jones, *Nature*, **277** (1 February 1979).
2pp typescript + references; brief correspondence *re* publication, 1978.
- D.348 Correspondence, 1979-1980.
Includes typescript translation of 'The density of the forces acting in the fluid found in an electromagnetic field' by V.L. Ginzburg (with original in Russian).
- D.349, D.350 Correspondence with M.A. Player and Peierls *re* paper 'On the Abraham-Minkowski controversy' by M.M. Novak, 1979-1980.
Jones was sent the paper by Novak for submission for publication but did not feel able to pass judgement on it.
- D.349 26pp photocopied typescript draft.
- D.350 Correspondence, 1979-1980.
- D.351 Untitled 10pp typescript draft + figure beginning 'It has already been shown theoretically by several authors that when light passes through an optically dense medium it can exert a small "drag" on the medium' by Jones, ca 1980.

- D.352 Manuscript notes and calculations on Brownian motion, ca 1980.
- D.353 Miscellaneous manuscript notes, 1980.
- D.354 Correspondence, 1981-1982.
Includes 7pp typescript 'Radiation pressure in fluids' by H.G.B. Casimir, sent to Jones for comment.
- D.355 Correspondence, 1983-1984.
- D.356 Correspondence, chiefly with I. Brevik, 1987-1989, 1992.
- D.357 Correspondence and papers from S.C. Tiwari, 1989-1990.
- D.358 Miscellaneous manuscript notes and calculations by others, n.d.
- D.359-D.370 'RELATIVITY' 1940s, 1973-1978**
- D.359 35pp untitled duplicated typescript lecture notes on quantum theory, ca late 1940s.
- D.360 3pp duplicated typescript 'Examples' found therewith.

- D.361 23pp duplicated manuscript 'Notes on the Special theory of relativity', ca 1940s.
- D.362-D.367 Manuscript lecture notes, 1948, 1949, n.d.
6 folders.
- D.368 Letter from T.E. Phipps, enclosing 'The Thomas aberration: a relativistic optical noneffect', 2 February 1973.
Phipps asked if Jones could advise on possible publication in the UK.
- D.369 Correspondence, 1975.
Includes 'The light Doppler effect treated by absolute Space-Time theory' by S. Marinov, sent to Jones for submission for publication.
- D.370 Correspondence, 1977-1978.
- D.371-D.375 'ROLLING' 1956-1963, n.d.**
- D.371 Correspondence, 1956-1963.
Includes correspondence with J.W. Menter *re* thin metallic films, 1956-1957.
- D.372 6pp typescript 'Interim report on the rolling of metal foil', ca 1958.
- D.373 Typescript translation of 'A vacuum rolling mill' by V.M. Amonenko *et al* (with original in Russian), 1959.
- D.374 Typescript drafts 'Rolling of Nickel foil' etc by J.L. Brebner, n.d.
- D.375 Manuscript data, n.d.

D.376-D.381	'SEISMOLOGY'	1960-1982
	Mostly relates to the University of Aberdeen seismological station and Jones' work on tiltmeters.	
D.376	Correspondence 1960, 1966-1967.	
D.377	Seismograph readings from Aberdeen, November 1966.	
D.378	Correspondence, 1969-1974.	
D.379	Duplicated typescript notes on history, geology and detection of earthquakes in Scotland, 1978.	
D.380	Correspondence, 1980-1982. Includes correspondence <i>re</i> seismological archives at Aberdeen, 1980-1981.	
D.381	Bound copy of Natural Environment Research Council report on 'Historical Seismological Archives 2: Report on a visit to the Aberdeen University Department of Natural Philosophy', 1981.	
D.382-D.387	'S.I.'	1963-1971
	Material relating to Metrication.	
D.382	28pp duplicated typescript 'The M.K.S. System - a "reactionary" viewpoint' by R.G. Chambers, 1963.	

- D.383, D.384 Papers of Royal Society/Council of Engineering Institutions Joint Committee on Metrication, 1967-1968.
- D.383 Papers *re* Joint Committee organised conference at the Royal Society, 20 December 1967.
- D.384 Bound report 'A summary of the statements received from universities and technical colleges concerning the resolution on the introduction of 'SI' units into teaching and examinations'. 1968.
- D.385 Correspondence, chiefly *re* Royal Society/Council of Engineering Institutions Joint Committee on Metrication, 1968.
- D.386 Correspondence and papers, 1968.
- D.387 Bound copy of 'A critique of MKSA units in electromagnetism' by H.E. Hall, 1971.
- D.388-D.399 'SPECIAL SENSES' 1945-1996**
- D.388 2pp typescript memorandum headed 'on smell homers', 23 November 1945; 1p typescript extract from report on pigeon homing, 24 September 1946.
- D.389 Correspondence, 1954-1964.
Includes correspondence on pigeon navigation.
- D.390 51pp duplicated typescript 'Spurious echoes on radar', 1959.
- D.391 Correspondence on animal navigation, 1966-1969.

- D.392 Correspondence, 1970-1974.
Includes correspondence *re* possible Royal Society meeting on bionics.
- D.393 Letter to Jones from R.L. Kent enclosing booklet on 'The Mechanism of the Universe', 1 February 1975.
- D.394 Correspondence, 1979-1996.
Includes correspondence with M. Dawson *re* infra-red detection by animals, 1981, and D.T. Edwards *re* animal 'magnetic compass', 1996.
- D.395-D.398 Manuscript notes for lectures by Jones, 1966-1979.
- D.395 'Animal homing & navigation', 27 January 1966.
- D.396 Aberdeen University lectures on special senses, 1967-1970.
- D.397 Aberdeen University lectures on special senses, 1974-1979.
- D.398 'AU Physiology & Biochem. Soc', 4 February 1975.
- D.399 Military Engineering Experimental Establishment report 'Some recent dowsing experiments' by R.A. Foulkes, March 1968.
- D.400-D.416 'SPRINGS' 1951-1988, n.d.**
- D.400 Correspondence, chiefly with D.V. Thomson of the Jarrell-Ash Co. and J.W. Evans of US Upper Air Research Observatory, *re* slits for solar spectrograph, 1951-1954.
- D.401 Correspondence, chiefly *re* slits for spectrograph, 1955-1956.

- D.402 3pp typescript 'Springs of constant force', ca 1955.
- D.403 Manuscript notes found with preceding.
- D.404 Correspondence, 1957-1960.
- D.405 Manuscript notes, 1959.
- D.406 Correspondence, 1961.
- D.407 Correspondence, 1962.
- D.408 Correspondence, chiefly *re* equipment and supplies, 1964-1966.
- D.409 Correspondence, chiefly with Hamilton Precision Metals *re* alloy strips, 1967-1969.
- D.410 Correspondence, 1970.
Includes correspondence *re* fused silica sheets from Sunbury Glass Works.
- D.411 Correspondence, 1972, 1975.
- D.412 Correspondence, 1976-1988.
- D.413 4pp typescript + figure 'Rectilinear alignment on elastic springs. Comparison of various types known and new'. Author unknown, n.d.
- D.414 Miscellaneous figures and sketches of equipment.

D.415, D.416 Photographs of equipment and diffraction patterns.

D.415 Five photographs.

D.416 Seven photographs.

D.417-D.426

‘STABILITY’

1962-1978

The bulk of the correspondence is with suppliers of materials and equipment for devices to measure stability.

D.417 Correspondence, chiefly with A.E. Smith, Royal Aircraft Establishment, *re* stability of materials in gyroscopes, 1962-1963.

D.418 Correspondence, 1969.

D.419 Copy of Jones' grant application to the Science Research Council for work on 'Measurement of small displacements and the mechanical stability of materials and assemblies', 1969.

D.420 Correspondence, 1970.

D.421 Correspondence, 1971.

D.422 Correspondence, 1972.

Includes 3pp 'Note on stability' by Jones, sent to P.B. Clapham, National Physical Laboratory.

D.423 Correspondence, chiefly *re* supply of low expansion glass, 1973.

D.424 Correspondence, 1974-1975.

D.425 Correspondence, 1978.

D.426 Typescript drafts by P.H. Sydenham, ca 1974

D.427-D.430 'STANDARDS' 1921-1981

D.427 Letter to Jones from Plenderleith *re* box of A. Scott's quartz weights, 5 June 1947, with letter to A. Scott from the National Physical Laboratory *re* the weights, 3 June 1921.

D.428 Catalogue of Balances and Weights, Sartorius Werke, Gottingen, Germany, with typescript sheets at front dated 1946.

D.429 Correspondence and papers, 1967-1974.

D.430 Correspondence and papers, chiefly *re* Laser Precision Radiometer, 1976-1981.

Also includes manuscript notes by Jones on 'Navstar' 1981.

D.431-D.433 'TIDES' 1968-1982

D.431 Correspondence and papers, 1968-1969.

Includes specification for off-shore tide gauge, 1968.

D.432 Photocopy of grant proposal by P.H. Sydenham for design of an 'Improved length stabilised measuring base', and associated paper, July 1971.

Jones is named as a supporting referee.

- D.433 Correspondence, 1978, 1982.
- Includes letters arising from Jones' televised 1981 Christmas Lecture to Young People.
- D.434 'TRANSDUCERS' 1970-1983**
- D.434 Correspondence, 1970-1983.
- D.435-D.448 'ULTRASONOSCOPE' 1974-1984, n.d.**
- In 1974 Jones was engaged as a consultant by Ultrasonoscope Co. (London) Ltd, to help address their lack of technical expertise in certain areas.
- In 1976 Ultrasonoscope Ltd gave support to G.C. Low, a postgraduate research student working under Jones on the design of ultrasonic transducers for flow detection.
- After this support ended Low continued his work supported by the Wolfson Foundation and in the early 1980s produced an ultrasonic probe of possible commercial value.
- D.435 Correspondence, chiefly *re* approach from Ultrasonoscope and information on microwire, 1974.
- D.436 Correspondence, 1975.
- D.437 Correspondence, 1976.
- Includes test results from ultrasonic transducers tested at the Atomic Energy Research Establishment, Harwell and correspondence *re* piezoelectrical material.
- D.438 Papers *re* tender for South African Railways contract for instrumentation for ultrasonic testing, 1976.

- D.439 Correspondence, 1977.
- D.440 Correspondence, chiefly with E. Markland, 1978.
- D.441 Correspondence, chiefly *re* continuing support for G.C. Low, 1979.
- D.442 8pp photocopied typescript + figures of 'A computer analysis of the pulse performance of ultrasonic N.D.T. probes' by G.C. Low, 'Paper delivered at I.O.P. conference - "Computer Modelling in Ultrasonics", 26-9-79'.
- D.443 Correspondence, 1980.
- D.444 Correspondence, 1981.
- D.445 Correspondence, 1982.

Including correspondence *re* possible marketing of ultrasonic probes produced by Low.
- D.446 Correspondence, 1983-1984.
- D.447 'University of Aberdeen Department of Natural Philosophy Performance Report on Ultrasonic N.D.T. Probe', n.d.
- D.448 Miscellaneous background material.
- D.449-D.452 'VACUUM' 1960-1996**
- D.449 Manuscript notes, 1960, 1963, n.d.

D.450	Correspondence, 1968, 1971.	
D.451	Correspondence and papers <i>re</i> order for Edwards Vacuum Coating Unit, 1972.	
D.452	Correspondence, 1975-1996.	
D.453	'VISUAL AIDS'	1976, 1977
D.453	Correspondence, chiefly <i>re</i> televising of 1976 Royal Astronomical Society Young Persons' lecture by A. Hewish, 1976, 1977.	
D.454, D.455	'WAVES'	1971, 1972, n.d.
D.454	Correspondence, 1971-1972.	
D.455	'Natural wave phenomena', 1p typescript with manuscript corrections and additions; four photographs for figures. n.d.	
D.456	OTHER	1941
D.456	'Recent investigations on the transmutations of atomic nuclei' by N. Bohr, duplicated typescript translation, 1941. Manuscript notes are intercalated.	

SECTION E	DEFENCE AND INTELLIGENCE	E.1-E.256
	E.1-E.8	AIRCRAFT DESIGN
	E.9-E.15	BOX NO. 605
	E.16-E.31	CIVIL DEFENCE
	E.32-E.46	CLEARANCE
	E.47-E.62	CONFLICT
	E.63-E.65	DECEPTION
	E.66-E.72	DEFENCE PAPERS
	E.73-E.75	ELECTRONIC WARFARE
	E.76-E.141	INTELLIGENCE
	E.142-E.212	MINISTRY OF DEFENCE
	E.213-E.228	SHIP DESIGN
	E.229-E.256	STAR WARS

E.1-E.8 AIRCRAFT DESIGN 1957, 1961

A short sequence of material found together in a box file labelled 'Misc'.

E.1-E.7 'A note on a proposed new type of aircraft' by B.N. Wallis.

E.1 Photocopy of 71pp typescript + figures, bound together in a card folder, January 1957.

E.2-E.7 Plans of the aircraft.

6 folders.

E.8 Letter to Jones from B.N. Wallis *re* the lethal radius of nuclear warheads, 28 July 1961.

E.9-E.15 BOX NO. 605 1948-1979

A short sequence of correspondence relating to security matters, found together in a box file labelled 'Box no. 605'. Arranged in chronological order.

E.9 1948, 1954-1955.

E.10 1956-1958.

E.11 1960.

E.12 1963-1966.

E.13 1967-1968.

E.14 1969-1970.

E.15 1971-1979.

E.16-E.31

CIVIL DEFENCE

1951-1989

Material relating to Jones' service as a Scientific Adviser in Civil Defence for Scotland.

Contents of a box file labelled 'Civil Defence'.

E.16, E.17 Correspondence, 1951, 1976-1984.
2 folders.

E.18 3pp manuscript notes *re* nuclear explosions, probably for a lecture, 1 November 1958.

E.19 *Scientific Intelligence Officers' Operational Data Book* (HMSO, London, 1964).

E.20-E.22 *Scientific Advisers' Training Manual* (HMSO, Edinburgh, 1978), sent to Jones with covering letter, 14 July 1980.

Contents of a ring binder divided into three folders for ease of reference.

E.23 Amended pages for the *Scientific Advisers' Training Manual*, sent to Jones with covering letter, 5 October 1981.

E.24-E.27 Various issues of the journal *Fission Fragments*, 1978-1983, 1989.
4 folders.

E.28-E.31 Printed background material, 1955-1986.
4 folders.

E.32-B.46 CLEARANCE 1954-1996

Correspondence and papers relating to Jones' security clearance. Arranged in chronological order.

Contents of two box files labelled 'Clearance'.

E.32 1954, 1966-1967.

E.33 1971, 1975-1976.

E.34, E.35 1976-1977.
Correspondence relating to the clearance of *Most Secret War*.
2 folders.

E.36 1978.

E.37 1979-1980.

E.38, E.39 1982-1983.
Mostly correspondence and papers *re* clearance for Jones to attend an Electronic Security Command Seminar in the United States in February 1983.
See also G.385, G.386.
2 folders.

E.40-E.44	1984. Correspondence and papers <i>re</i> the decision to withhold positive vetting clearance from Jones, including 1p manuscript notes for a meeting with the Prime Minister on 13 January. 5 folders.
E.45	1986-1987.
E.46	1990-1996.
E.47-E.62	CONFLICT Contents of box files labelled 'Conflict Studies' and 'Conflict Reprints'. <i>Future Conflict and New Technology</i> (Sage Publications, 1981). Correspondence and papers relating to a study by Jones, published for the Center for Strategic and International Studies, Georgetown University, USA.
E.47-E.52	Correspondence relating to the study, 1978-1983. Includes correspondence with Sir Charles Frank and Sir Kenneth Blaxter <i>re</i> crop yields, 1980. 6 folders.
E.53	Manuscript notes by Jones, 1979-1981.
E.54	Background material.
E.55, E.56	Papers relating to the organisation Defence Begins at Home, 1982-1983. This group advocated the creation by the Government of a country-wide part-time Home Defence Force. 2 folders.
E.57-E.60	Lecture material, 1982, 1985, n.d.

- E.57 'Nuclear Saturation', Boulder, University of Colorado, USA, 3 August 1982.
1p manuscript notes, with photocopied background material.
- E.58 'Technology and Conflict', Aberdeen Mechanical Society, 1 March 1985.
3pp manuscript notes.
- E.59 9pp typescript and manuscript draft *re* future conflict, *ca* 1980s.
- E.60 Typescript notes and tables, probably for use in producing lecture slides,
n.d.
- E.61, E.62 General correspondence and papers, 1978-1990, n.d.
2 folders.
- E.63-E.65 DECEPTION 1979-1991, n.d.**
- A short sequence of correspondence and papers relating to the subject of deception.
The material was found together in a box file labelled 'Deception'.
- E.63 1979-1983.
- E.64 1984.
- E.65 1984-1991, n.d.

E.66-E.72

DEFENCE PAPERS

1983-1987

Contents of box file labelled 'Defence Papers 1984'.

E.66, E.67

Papers *re* arrangements for a Ditchley Foundation Conference on 'Western Defence: is existing strategy obsolescent?', Ditchley Park, Oxfordshire, 13-15 April 1984.

Jones accepted an invitation to attend this conference.

2 folders.

E.68, E.69

Address by Jones to the Conservative Parliamentary Defence Committee, House of Commons, London, 13 June 1984.

E.68

Correspondence *re* arrangements, 1984; 4pp manuscript notes by Jones.

E.69

Background material.

E.70

General correspondence and papers *re* defence matters, 1983-1987.

Includes photocopy of 3pp typescript minutes of a meeting (Jones was Chairman) *re* the possible establishment of an independent study group on defence matters, 20 June 1984.

E.71, E.72

Photocopied and printed background material *re* defence matters.

2 folders.

E.73-E.75

ELECTRONIC WARFARE

1981-1996

Contents of a box file labelled 'Electronic Warfare'.

E.73

Radio Countermeasures RCM: a brief look at NDRC Division 15's impact on radio countermeasures (RCM) activities during the Second World War by the Association of Old Crows History Committee, sent to Jones with covering letter, 4 May 1981.

E.74

Programme for the 2nd NATO Electronic Warfare Symposium, Brussels, Belgium, 3-5 June 1987; 1p manuscript notes by Jones entitled 'Brussels 4.6.87 Lessons for EW from WWII'.

E.75

General correspondence and papers, 1984-1996.

E.76-E.141

INTELLIGENCE

A sequence of correspondence and papers relating to Jones' interest in intelligence issues, including a significant amount of material sent to him by S. Dedijer.

The material was found in five box files labelled 'Intelligence' and one box file labelled 'Intelligence Obituaries'.

E.76-E.105

Correspondence with S. Dedijer

E.106-E.133

General correspondence

E.134, E.135

Lectures

E.136-E.141

Obituaries

E.76-E.105

Correspondence with S. Dedijer

1973-1997

Dedijer was Director of the Boris Kidric Institute, Belgrade, the Yugoslav national centre for nuclear sciences, 1952-1955. He was also the founder and Director of the Research Policy Institute at the University of Lund, Sweden, 1966-1978. He wrote extensively on intelligence issues.

The material consists largely of duplicated typescript papers on intelligence issues by Dedijer. It is arranged in chronological order.

See also G.173-G.183.

E.76

1973.

E.77

1974.

E.78

1975.

E.79-E.84

1976.

Includes correspondence and papers *re* a seminar on 'Intelligence in democratic societies', Lund, Sweden, 14 October 1976.

Jones attended the seminar as an invited speaker.

6 folders.

E.85-E.87

1977.

3 folders.

E.88-E.93

1978.

6 folders.

E.94, E.95

1979.

2 folders.

E.96 1980-1981.

E.97, E.98 1982.
2 folders.

E.99 1983.

E.100, E.101 1984.
2 folders.

E.102-E.104 1985.
3 folders.

E.105 1992, 1997.

E.106-E.133 General correspondence 1968, 1976-1997

Correspondence with numerous individuals relating to intelligence matters.
Arranged in chronological order.

E.106 1968.
Brief correspondence *re* the Commander Crabb affair.

E.107 1976.

E.108 1977-1978.

E.109, E.110	1979. Includes photocopy of 24pp typescript + figures by M. Powley entitled 'Collision with wires and cables'. 2 folders.
E.111	ca 1980 Privately printed compilation of material relating to the Vietnam War entitled 'Corps Level Combined Arms Opns. Model'. Card covers.
E.112	1980.
E.113, E.114	1981. 2 folders.
E.115-E.119	1982. Includes photocopy of a discussion paper for a meeting of the West East Research Operations Group (WEROG) on 19 May 1982; photocopies of correspondence with the Prime Minister <i>re</i> the aftermath of the Falklands conflict. 5 folders.
E.120	1983-1984.
E.121	1985-1986.
E.122	1987.
E.123, E.124	1988-1989. Includes 4pp manuscript notes by Jones <i>re</i> the making of history; 86pp typescript by I. Ben-Israel entitled 'Philosophy and methodology of intelligence: the logic of estimate process', with related correspondence. 2 folders.
E.125-E.130	1989.

Papers relating to the 1989 Chatham House Study Group on 'Intelligence and International Relations', mostly typescript draft papers by M.E. Herman.

Jones joined this Study Group which met to discuss intelligence issues.

6 folders.

E.131 1990-1991.

E.132, E.133 1992-1997, n.d.

Includes correspondence with A. Kovacs *re* his paper 'The uses and nonuses of intelligence'.

2 folders.

E.134. E.135 Lectures 1975-1980, n.d.

A short sequence of material relating to lectures by Jones on Intelligence issues.

E.134 Manuscript notes, 1975-1979, n.d.

E.135 8pp manuscript notes and draft annotated 'SRI 6.XI.80 Int in the 80s'.

E.136-E.141 Obituaries 1980-1992

A short sequence of papers relating to newspaper obituaries of several intelligence figures.

Contents of a box file labelled 'Intelligence obituaries'.

E.136-E.138 Obituary of Sir Maurice Oldfield by Jones, *The Times*, 12 March 1981.

- E.136 6pp manuscript draft; 3pp typescript draft; photocopy of 3pp typescript.
- E.137 Correspondence relating to the obituary, 1980-1984.
- E.138 Background material.
- E.139 Correspondence and drafts relating to an obituary of Sir Dick Franks for *The Times*, 1981-1989.
- E.140 Appreciation of Y. Rocard by Jones, *The Times*, 31 March 1992.
Photocopy of 2pp typescript, with related correspondence, 1992.
See also B.535.
- E.141 Invitation to write an entry on Harold Barlow for the *Dictionary of National Biography Supplement: 1986-1990* (declined), 1992.

E.142-E.212

MINISTRY OF DEFENCE

1947-1997

Following his appointment in 1946 as Professor of Natural Philosophy at the University of Aberdeen Jones continued to be involved in intelligence matters as a consultant to the Ministry of Defence. Then in 1952, at the invitation of Churchill, Jones returned fulltime to Defence work as Director of Scientific Intelligence within the Ministry of Defence. He held the post for little over a year and returned to the University of Aberdeen at the end of 1953. This period at the Ministry of Defence was not particularly productive for Jones who felt unhappy at the way in which Scientific Intelligence was organised. He nevertheless continued to advise the Ministry and returned briefly for six months in 1963-1964 as Chairman of an Air Defence Committee Working Party.

The material was found together in three box files labelled 'Ministry of Defence'.

E.142-E.180 General correspondence and papers

E.181-E.212 Air Defence Committee Working Party

E.142-E.180

General correspondence and papers

1947-1997

This sequence of material relates to Jones' involvement with the Ministry of Defence after the Second World War. It consists largely of correspondence, typescript memoranda by Jones, committee papers and background material on defence and scientific intelligence.

It is arranged in chronological order.

E.142, E.143

1947.

Includes 10pp typescript copy of Jones' letter of resignation in 1946 as Director of Intelligence (Research).

2 folders.

E.144-E.146

1949-1951.

Includes 9pp typescript letter from Jones to Sir Henry Tizard *re* proposed arrangements for listening to foreign radio transmissions, 19 January 1951, with manuscript and typescript drafts.

3 folders.

E.147

February-November 1953.

Includes 7pp typescript note by Jones *re* the duplication of work between Scientific Intelligence and Technical Intelligence in the field of electronics, 9 February 1953.

E.148

December 1953.

Includes 11pp typescript note entitled 'Teaching of aviation engineering at a British university as compared with Soviet practice', n.d.

E.149

January-March 1954.

Includes correspondence *re* the organisation of the Directorate of Scientific Intelligence.

E.150

April 1954.

E.151, E.152

June-July 1954

Includes 26pp duplicated typescript by Jones entitled 'Some aspects of the Directorate of Scientific Intelligence, Ministry of Defence, 1952-1954', 1 June 1954.

2 folders.

E.153 August-December 1954.

E.154 1955.

E.155, E.156 1957-1958.

2 folders.

E.157, E.158 1959.

2 folders.

E.159, E.160 February-July 1960.

2 folders.

E.161-E.164 October-December 1960.

Includes correspondence and papers relating to a visit in October 1960 to Washington DC, USA, for discussions with American defence experts.

4 folders.

E.165-E.169 1961.

Includes printed and duplicated typescript papers *re* the organisation of Soviet science.

5 folders.

E.170, E.171	1962. Includes 3pp typescript memorandum by Jones <i>re</i> his meeting with R. Macnamara, US Secretary of Defence, at the Pentagon, Washington DC on 8 August 1962. 2 folders.
E.172-E.175	1963. Includes papers relating to Sir Solly Zuckerman's Naval Panel. Jones was a member of this Panel, 1962-1963. 4 folders.
E.176, E.177	1964-1968. Includes papers <i>re</i> a Ministry of Defence Symposium on the Detection of Non-metallic Land Mines, Royal Military College of Science, Shrivenham, 2-4 April 1968. 2 folders.
E.178	1975-1982.
E.179	1989, 1997.
E.180	n.d. Miscellaneous manuscript and typescript drafts.

E.181-E.212 Air Defence Committee Working Party 1963-1965

The task of the Working Group was to examine Britain's air defence requirements for the period 1975-1985. As its Chairman Jones was given six months leave from the University of Aberdeen to enable him to work fulltime at the Ministry of Defence.

E.181-E.190 Correspondence and papers

E.191-E.197 Reports

E.198-E.200 Committee meetings

E.201-E.212 General correspondence

E.181-E.190 Correspondence and papers 1963-1965, n.d.

Correspondence and papers *re* the Working Party and future requirements for air defence. Arranged chronologically.

E.181-E.183 1963.

3 folders.

E.184 January-March 1964.

Includes 4pp letter to Jones from Lord Mountbatten *re* future military strategy, 10 January 1964.

E.185 April 1964.

E.186 May 1964.

E.187 June-July 1964.

E.188 August-November 1964.

E.189 1965.

E.190 n.d.

E.191-E.197 **Reports** 1964, n.d.

The reports are duplicated typescripts unless otherwise indicated.

E.191 'Progress report by the Chairman', 10pp, 9 January 1964.

E.192 'The special functions of fighters. Note by the Chairman', 3pp, 4 February 1964.

E.193 'Visual warning of air attack for ground troops. A further note by the Chairman', 2pp typescript, 9 April 1964.

E.194 'Tentative conclusions', 5pp, 14 May 1964.

E.195 'Draft report', 104pp, 16 June 1964.

E.196 Printed preliminary copy of the Air Defence Committee Working Party Report, November 1964.

E.197 10pp typescript draft report, n.d.

E.198-E.200 **Committee meetings** 1964-1965

E.198-E.200 Papers relating to meetings of the Air Defence Committee Working Party and the Air Defence Committee, 1964-1965.

3 folders.

E.201-E.212 **General correspondence** 1963-1964

Correspondence and papers accumulated by Jones during his six months at the Ministry of Defence. The material relates to a wide variety of affairs including publications and social and personal matters.

E.201-E.203 August-October 1963.

Includes 2pp transcript of a short interview with Jones, broadcast on the BBC Home Service on 2 September 1963; 5pp typescript report by Jones on a visit to H.H. Hopkins, Imperial College on 29 October 1963.

3 folders.

E.204-E.206 November-December 1963.

Includes 3pp typescript letter to *The Times* re the Robbins Report, 1 November 1963.

3 folders.

E.207-E.209 January 1964.

3 folders.

E.210-E.212 February-April 1964.

3 folders.

E.213-E.228 **SHIP DESIGN** 1981-1994

Much of the material relates to Jones' membership of an unofficial committee on hull forms for warships, 1985-1986. The committee was established to report on the relative merits of the 'long-thin' hull and the unconventional 'Sirius' 'short-fat' hull. The Committee's Chairman was Lord Hill-Norton. As a result of the Committee's report an Inquiry into hull forms was conducted by Lloyd's Register of Shipping.

Contents of box file labelled 'Ship Design'.

E.213-E.215	Correspondence with D.L. Giles <i>re</i> his designs for warships, 1981-1984. 3 folders.	
E.216-E.225	Correspondence and papers relating to the Hill-Norton Committee, 1985-1986. Includes minutes of meetings and background material. 10 folders.	
E.226, E.227	Correspondence and papers <i>re</i> the Inquiry by Lloyd's Register of Shipping, 1987-1988. 2 folders.	
E.228	Brief correspondence with D.L. Giles, 1994.	
E.229-E.256	STAR WARS	1981-1996
	Papers relating to the Strategic Defense Initiative (SDI), including a substantial quantity of background material. Jones' views on SDI are most clearly expressed in his booklet <i>New light on Star Wars: a contribution to the SDI debate</i> (Centre for Policy Studies, 1985). Contents of five box files labelled 'Star Wars' and one box file labelled 'Garwin'.	
E.229-E.242	Publications, lectures and conferences	
E.243-E.252	Correspondence	
E.253-E.256	Background material	

E.229-E.242	Publications, lectures and conferences	1985-1989
E.229-E.232	<i>New light on Star Wars: a contribution to the SDI debate</i> (Centre for Policy Studies, London, 1985). Correspondence and papers relating to the booklet, 1985. 4 folders.	
E.233	Meeting of American and European Conservatives, Bonn, Germany, 27-30 June 1985. Jones attended this meeting in order to contribute to discussions on SDI. Correspondence <i>re</i> arrangements, list of participants etc, 1985.	
E.234-E.237	Financial Times International Conference on 'The SDI, Eureka and Industry', London, 4-5 November 1985. Jones gave a paper at the Conference entitled 'SDI – an independent scientific appraisal'.	
E.234	Correspondence <i>re</i> arrangements, 1985.	
E.235	1p manuscript notes; photocopy of 12pp annotated transcript of the speech by Jones.	
E.236, E.237	Programme; list of delegates; copies of speakers' papers; etc. 2 folders.	
E.238, E.239	Seminar on 'Scientific and Technical Aspects of SDI', Washington DC, USA, 9-10 November 1985. Jones participated at this seminar arranged by Global Foundation Inc.	
E.238	Correspondence and papers <i>re</i> arrangements, 1985-1986.	

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| E.239 | <p>Drafts of a White Paper on the Strategic Defense Initiative, 1985.</p> <p>This White Paper was a short statement on SDI agreed to by the seminar participants.</p> |
| E.240 | <p>Letter to <i>The Times</i>, October 1986.</p> <p>Photocopy of 2pp typescript letter by Jones <i>re</i> Soviet objections to SDI, 16 October 1986.</p> |
| E.241 | <p>'Is Star Wars Possible?'. Lecture to Edinburgh Mechanical Engineers, 11 January 1988.</p> <p>2pp manuscript notes.</p> |
| E.242 | <p>'Star Wars'. Lecture to 'Dundee BA', 22 February 1989.</p> <p>2pp manuscript notes.</p> |
| E.243-E.252 | <p>Correspondence</p> <p>1981-1996</p> |
| E.243-E.246 | <p>Correspondence with R.L. Garwin, 1981-1996.</p> <p>Garwin was an American physicist and an expert in defence technology. He sent Jones numerous papers on defence matters, particularly SDI.</p> <p>4 folders.</p> |
| E.247-E.252 | <p>General correspondence and papers relating to SDI, 1985-1990, n.d.</p> |
| E.247, E.248 | <p>1985.</p> <p>Includes 2pp manuscript notes by Jones <i>re</i> SDI, n.d.</p> <p>2 folders.</p> |

E.249-E.251	1986. Includes draft of article by W. Sweet re Jones' views on SDI (published in <i>Physics Today</i> , May 1986). 3 folders.
E.252	1987-1990, n.d.
E.253-E.256	Background material Printed, typescript and photocopied background material. Most of this background material was sent to Jones by R.L. Garwin. The material is arranged in chronological order in four archive boxes.
E.253	1981-1984.
E.254	January-July 1985.
E.255	September 1985-July 1986.
E.256	August 1986-September 1990, n.d.

SECTION F

SCIENCE RELATED INTERESTS

F.1-F.275

This section brings together a number of Jones' interests which, although related to his scientific interests do not relate directly to his research. The principal components are groups of material relating to the history of science and to education policy in the United Kingdom. However, this section also includes papers relating to other interests such as the relationship between Government and science, national decline and technology and privacy. There is also correspondence and papers relating to Jones's well-known interest in the place of incongruity and trickery in science and life, titled 'Impotence'. Finally there is the contents of Jones' box files of letters, pamphlets etc which he labelled 'Quacks'.

F.1-F.118	HISTORY OF SCIENCE
F.119-F.186	EDUCATION POLICY
F.187-F.197	SCIENCE AND GOVERNMENT
F.198-F.208	NATIONAL DECLINE
F.209-F.219	TECHNOLOGY AND PRIVACY
F.220-F.233	'IMPOTENCE'
F.234-F.275	'QUACKS'

F.1-F.118 HISTORY OF SCIENCE

F.1-F.14	General correspondence
F.15-F.32	Obituaries and memoirs
F.33-F.87	James Clerk Maxwell
F.88-F.91	Lyon Playfair
F.92-F.115	History of infra-red research
F.116-F.118	Hannay diamonds

F.1-F.14 General correspondence 1966-1995

Miscellaneous correspondence on history of science related matters, 1966-1995.

In chronological order.

F.1 1966-1967.

Includes correspondence *re* Royal Scottish Museum commemoration of James Short FRS (1710-1768).

F.2 1968.

Includes correspondence *re* Castle Hill Observatory, Aberdeen.

F.3 1969.

Includes correspondence with Lord Annan *re* the subject of history and philosophy of science.

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| F.4 | 1970. |
| | |
| F.5 | 1971-1972. |
| | |
| F.6 | 1973-1974.

Includes correspondence <i>re</i> the Sir Arthur Elton collection. |
| | |
| F.7 | 1975.

Includes correspondence with H.H. Hopkins and the Royal Society <i>re</i> evidence of Robert Hooke's use of the 'schlieren method'. |
| | |
| F.8 | 1976. |
| | |
| F.9 | 1977-1978.

Includes correspondence <i>re</i> proposal to admit historical cryptanalysis into the History of Science Division of the International Union for the History and Philosophy of Science. |
| | |
| F.10 | 1979-1983. |
| | |
| F.11 | 1984-1987.

Includes report on establishing a history of physics group at the Institute of Physics, 1 February 1984. |
| | |
| F.12 | 1989-1990.

Includes material <i>re</i> C.V. Boys.

See also J.752. |

- F.13 1991.
Chiefly *re* T.E. Allibone's collection of stamps featuring Fellows of the Royal Society.
- F.14 1992-1995.
Chiefly correspondence with W. Johnson *re* historical researches.
- F.15-F.32 Obituaries and memoirs 1963-1984**
- Jones wrote a number of obituaries and memoirs of contemporaries himself and was also consulted by colleagues in the course of writing obituaries and memoirs. The material is principally correspondence *re* subjects of obituaries and drafts of Jones's work.
- A number of these are documented in the Publications section J.
- Presented in alphabetical order. At F.32 is shorter correspondence *re* obituaries and memoirs.
- F.15 E.V. Appleton 1965, 1967
Correspondence with Lady Appleton, including career summary of Appleton, 1965 and 1967; 2pp typescript draft of 'Broadcast' by Jones on Appleton; 3pp typescript of obituary by Jones.
See also K.435, K.436.
- F.16 P.M.S. Blackett 1974, 1975
Chiefly correspondence *re* memoir by Sir Bernard Lovell, 1974, 1975.
- F.17 A.D. Blumlein 1976, 1977
Correspondence with F.P. Thomson *re* Blumlein, 1976, 1977.

F.18	C.R. Burch	1983, 1984
	Correspondence with T.E. Allibone <i>re</i> Burch, 1983-1984.	
F.19	A. Duncanson	ca 1984
	1p typescript and manuscript obituary by Jones.	
F.20, F.21	A.E.M. Geddes	1971-1972
F.20	Correspondence, 1971; 3pp typescript obituary.	
F.21	Correspondence <i>re</i> Geddes Prize, established at the University of Aberdeen, 1971-1972.	
F.22	O. Hahn	1968
	Letter from <i>Chemistry & Industry</i> inviting obituary, 30 July 1968; 4pp typescript by Jones.	
F.23, F.24	D.C. Martin	1976-1977
	Jones wrote the obituary of Martin for <i>Nature</i> .	
	See also J.69.	
F.23	Correspondence, 1976-1977; copy of Martin's Personal Record of Fellows of the Royal Society of Edinburgh.	
F.24	5pp photocopied typescript draft by Jones, 1977.	
F.25	L. Meitner	1968
	Brief correspondence, 1968; 10pp typescript account by O.R. Frisch.	

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| F.26-F.28 | A.C. Menzies | 1974-1975 |
|-----------|--------------|-----------|
- Jones co-wrote *The Times* obituary (reproduced in the 'Rank Hilger News' no. 3, June 1974) and the obituary notice for the *Yearbook of the Royal Society of Edinburgh*.
- See also J.55.
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| F.26 | Correspondence, chiefly re obituaries of Menzies, 1974-1975 | |
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| F.27 | 3pp typescript draft and photocopy of <i>Times</i> obituary, June 1974; copy of 'Rank Hilger News' with copy of obituary. | |
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|------|---|--|
| F.28 | 4pp typescript draft of Jones' Royal Society of Edinburgh obituary, with extensive manuscript correction by Mrs Menzies; off-print. | |
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| F.29 | A.P. Rowe | 1976 |
|------|-----------|------|
- Brief correspondence, 1976.
- See also J.69.
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|------------|--------------|-----------|
| F.30, F.31 | G.P. Thomson | 1975-1979 |
|------------|--------------|-----------|
- Jones wrote the obituary for *Physics Bulletin*. He also wrote a supplement to *The Times* obituary concentrating on Thomson's wartime service.
- See also J.62.
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| F.30 | Correspondence re obituary for <i>Physics Bulletin</i> , 1975, memorial service, 1975, and later historical material, 1978-1979. | |
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|------|---|--|
| F.31 | 3pp typescript draft for <i>Physics Bulletin</i> ; 1p typescript draft of supplement for <i>The Times</i> ; copy of obituary in <i>Contemporary Physics</i> by P.B. Moon. | |
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| F.32 | Miscellaneous shorter correspondence re reminiscences for obituaries and memoirs, 1963-1980. | |
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F.33-F.87

James Clerk Maxwell

1916-1996, n.d.

Maxwell (1831-1879) was one of Jones' predecessors as Professor of Natural Philosophy at Aberdeen, holding the Chair from 1856 to 1860. Jones wrote, lectured and broadcast on this exceptional scientist.

F.33-F.48 Correspondence

F.49-F.65 Papers by Jones

F.66-F.87 Background material on Maxwell

F.33-F.48

Correspondence

1949-1996

This correspondence is chiefly *re* references to Maxwell's work, information on his life and career and suggestions for commemorating him. Some arise from Jones' broadcasts, lectures or publications on Maxwell and cross-references are made where appropriate.

F.33

1949-1957.

F.34

1961-1963.

F.35

1964.

Includes correspondence with C.W.F. Everitt, an American authority on Maxwell, and letters arising from Jones' radio broadcast on Maxwell and electromagnetic theory, December 1964 (see F.53).

F.36

1965, 1967, 1969.

F.37

1970-1972.

F.38

1973.

Includes correspondence *re* Jones' article on Maxwell in *Notes and Records of the Royal Society* (see F.56).

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| F.39 | 1974-1975. |
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| F.40 | 1976-1978.

Includes material <i>re</i> occasions to mark the centenary of Maxwell's death in 1979. |
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| F.41 | January-July 1979.

Chiefly correspondence <i>re</i> commemorative events. |
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| F.42 | August-December 1979.

Includes correspondence <i>re</i> Jones' lecture to the Royal Society of Edinburgh (F.60) and article in the <i>New Scientist</i> . |
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| F.43 | 1980. |
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| F.44 | 1981.

Includes correspondence <i>re</i> Jones' Clerk Maxwell Memorial Lecture to the Institution of Electronic and Radio Engineers meeting at Leeds (see F.63). |
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| F.45 | 1982, 1984. |
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| F.46 | 1985-1986. |
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| F.47 | 1987-1988.

Includes correspondence <i>re</i> Maxwell's connection with kaleidoscopic images, with illustrations. |
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| F.48 | 1989-1996, n.d. |

F.49-F.65	Papers by Jones	1947-1981
F.49	<p>'James Clerk Maxwell', lecture to Aberdeen Mathematical Society, 19 December 1947.</p> <p>Notice; offprint from <i>Aberdeen University Review</i> 33 (1949).</p>	
F.50	<p>'James Clerk Maxwell (1831-1879)', broadcast on BBC radio Scottish Home Service in 'Science Review' series, 15 March 1951.</p> <p>Correspondence <i>re</i> arrangements; duplicated typescript script.</p>	
F.51	<p>'James Clerk Maxwell', broadcast on BBC radio Scottish Home Service (Schools), 19 June 1951.</p> <p>Letter <i>re</i> arrangements; duplicated typescript script.</p>	
F.52	<p>Manuscript and typescript drafts composed on occasion of the unveiling by Sir George Thomson of a bust of Maxwell in the portrait gallery of Marischal College, University of Aberdeen, 15 October 1956.</p> <p>2pp typescript introduction for Pilkington Jackson, sculptor, and Sir George Thomson.</p>	
F.53	<p>'The electromagnetic theory', broadcast in BBC radio Home Service 'Science Survey' series, 5 December 1964.</p> <p>Duplicated typescript 'As broadcast' script.</p>	
F.54	<p>'The creation and consequences of the electromagnetic theory'.</p> <p>9pp typescript draft of preceding, <i>ca</i> 1964.</p>	
F.55	<p>Manuscript outline note for lecture by Jones titled 'Maxwell - Mexico 26.2.73'.</p>	

- F.56 'James Clerk Maxwell at Aberdeen 1856-1860', article for *Notes and Records of the Royal Society*, **28** (1973).

Typescript draft.
- F.57 'James Clerk Maxwell', lecture to Nederlands Elektronica- en Radiogenootschap, Delft, The Netherlands, 13 December 1973.

Correspondence *re* arrangements; programme; offprint of Jones' published lecture (*Tidjsschrift van het Nederlands Elektronica- en Radiogenootschap*, **39**, 1974).
- F.58 'James Clerk Maxwell', article for Soviet journal *Issues of the History of Science and Technology*, 1979.

Correspondence, 1979; 28pp draft of article.
- F.59 'James Clerk Maxwell, 1831-1879. Professor of Natural Philosophy, 1856-1860', University of Aberdeen, 7 November 1979.

Notice; 31pp typescript draft.
- F.60-F.63 'The complete physicist: James Clerk Maxwell, 1831-1879'.

As part of the events marking the centenary of Maxwell's death, Jones gave a number of lectures on Maxwell under this title.
- F.60, F.61 Royal Society of Edinburgh, 12 November 1979.

Jones was unable to deliver this lecture because of problems with the railway between Aberdeen and Edinburgh (see F.42). It was nevertheless published in the Year Book of the Society for 1980.
- F.60 35pp typescript draft, with manuscript corrections for publication.
- F.61 Offprint.

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|------------|--|
| F.62 | Academia das Ciencias de Lisboa, Portugal, December 1979.

Letter <i>re</i> arrangements, November 1979; 31pp typescript draft + references.

See also G.142, G.143. |
| F.63 | Tenth Clerk Maxwell Memorial Lecture, Institution of Electronic and Radio Engineers, Leeds, 7 July 1981 (see F.44).

33pp typescript draft + references. |
| F.64 | 'Maxwell and radiation pressure', lecture to Department of Mathematics, University of Aberdeen, 7 November 1979.

Notice; 6pp typescript draft. |
| F.65 | Book review by Jones of <i>James Clerk Maxwell: A Biography</i> by I. Tolstoy, <i>Nature</i> , 5 November 1981.

2pp typescript draft. |
| F.66-F.87 | Background material on Maxwell 1916-1993, n.d. |
| F.66, F.67 | Primary source material.

Includes photocopies of letters to and from Maxwell, transcripts etc.

2 folders. |
| F.68 | Press cuttings referring to Maxwell, 1956-1981. |
| F.69-F.74 | Photographs |
| F.69 | Photograph of sketch of Maxwell as a child, with photocopy of explanatory letter, 23 March 1915. |
| F.70 | Two monochrome photographs of Maxwell as adult, n.d. |

F.71	Two colour photographs of Maxwell's tombstone.
F.72	Four monochrome photographs of the Maxwell family home.
F.73, F.74	Monochrome photographs of sketches ?by Maxwell, n.d. Some sketches dated 1841.
F.73	Chiefly outdoor pursuits. 16 photographs.
F.74	Chiefly landscapes. 6 photographs.
F.75-F.84	Drafts and publications by others on Maxwell, 1916-1993, n.d.
F.75	G.P. Thomson's address on unveiling of bust of Maxwell, 1956.
F.76-F.78	Papers by C.W.F. Everitt, ca 1970s. 3 folders.
F.79, F.80	Papers by C. Domb, 1979. 2 folders.
F.81-F.84	Miscellaneous printed, photocopied and typescript material, 1916-1993, n.d. 4 folders.

F.85-F.87 Miscellaneous.

F.85 Memorabilia from the marking of the centenary of Maxwell's death by the Community Council of Kirkpatrick Durham, Corsock and Parton, Kirkcudbrightshire, 1979.

F.86 Programme for Royal Society Conversazione on Maxwell, 1980.

F.87 3pp typescript information on 'The James Clerk Maxwell Foundation', n.d.

F.88-F.91 Lyon Playfair 1962-1979

Playfair (1818-1898) was a chemist, politician and 'statesman of science'. The material is chiefly correspondence *re* various aspects of Playfair's life and works.

Jones gave two talks on Playfair to the British Association meeting at Aberdeen in 1963 and wrote an account for *Nature*, **200**, 12 October 1963. See also G.275-G.280.

F.88-F.90 Correspondence on Sir Lyon Playfair, 1962-1979.

F.88 1962-1967.

F.89 1969-1972.

F.90 1974, 1975, 1979.

F.91 Manuscript notes by Jones on Playfair, ?1963.

F.92-F.115

History of infra-red research

1936-1984

This is historical material assembled by Jones in the course of his own research and correspondence and papers from others researching the history of infra-red technology.

See also papers of the Infra-Red Committee, H.422-H.465.

- F.92 4pp typescript notes of 'Visit to Clarendon Laboratory, Oxford, to discuss the infra-red programme with Dr R.V. Jones', 1 May 1936.
- F.93 1p note on trials of 'Infra red aircraft detector apparatus constructed by Dr R.V. Jones', 28 May 1936.
- F.94 Figures illustrating infra-red detection device, January 1938.
- F.95 Typescript list of wartime infra-red reports, August 1945; manuscript chart of specifications of infra-red apparatus (German and Allied).
- F.96 Typescript draft of letter from Jones to Sir Ben Lockspeiser *re* use of spectrometer in infra-red research, 13 March 1946.
- F.97 'Recent results on absorption of infra red radiation in a clear atmosphere', 5pp duplicated typescript + figure, 3 July 1946.
- F.98 Brief correspondence, July 1946.
- F.99 Copy of German specifications of 'Wärmepeilgeräte', ca 1940s.
- F.100 Nineteen photographs of 'German aircraft radar devices', sent to Jones 9 April 1945. With covering letter.
- The original envelope has also been retained.

- F.101 'Introductory Address at I.R. [Infra-red] Conference, RRE [Royal Radar Establishment] Malvern April 1967'.
- Untitled 16pp typescript draft by Jones beginning 'The history of infra-red in Britain starts with its discovery by William Herschel'; typescript note of 'UK infrared work at RRE, SERL & HSD'.
- F.102 Correspondence, 1970.
- F.103 Correspondence and papers, chiefly *re* Jones' lecture 'Seeing in the Dark', 1974.
- Jones gave the lecture at the Royal Scottish Museum, 23 January 1975.
- Includes 1p manuscript outline notes for lecture.
- F.104-F.109 Correspondence and papers from E.H. Putley, 1981-1984.
- Putley worked at the Royal Signals and Radar Establishment, Malvern, and had an interest in the history of infra-red detection and apparatus.
- F.104 Correspondence and papers, 1981-1984.
- Includes photocopies of historical material, 1915, 1933 and 1935.
- F.105-F.109 Typescript drafts etc by Putley sent to Jones, *ca* 1982-*ca* 1984.
- F.105 'The first thermopiles', 2pp + references etc; 'The first detection of thermal radiation', 4pp + appendix, references etc.
- F.106-F.109 'Infrared detection: science and the military'.
- F.106 21pp + legends for figures.
- F.107-F.109 Photographs for figures.
- F.107 17 photographs.

F.108	14 photographs.
F.109	16 photographs.
F.110-F.115	Research establishment etc reports, 1946-1961.
F.110	'Atmospheric transmission in the 1-14 micron range', Admiralty Research Laboratory/Telecommunications Research Establishment, December 1949.
F.111	'A miniature air liquefier suitable for cooling infra-red photo-conductive cells', Royal Radar Establishment Memo. No.1209, January 1956.
F.112	'Infra-red detection of "Corporal" exhaust jet at long ranges', Royal Radar Establishment Memo. No.1280, October 1956.
F.113	'The attenuation of the 4.3 μ CO ₂ emission band in the atmosphere', paper for Infra-Red Committee, March 1958.
F.114	'A proposed semiconductor detector for millimeter and sub-millimeter wave detection', paper for Infra-Red Committee, March 1961.
F.115	'A far infra-red and microwave detector', paper for Infra-Red Committee, March 1961.

F.116-F.118

Hannay diamonds

1968-1979

The claim that James Ballantyne Hannay had successfully crystallized diamonds in the early twentieth century was regarded by many as a piece of scientific mythology. However, an article in *Chemistry and Industry* by E.P. Flint in 1968 argued that this scepticism may have been misplaced and that Hannay chose conditions that had subsequently been shown to be favourable to the creation of diamonds.

Jones, with his interests in both diamond synthesis and the history of science, refereed the original paper and commented upon it when it was published in 'A note on the Hannay diamonds', *Chemistry and Industry*, 1968.

The matter was not settled and in 1975 tests suggested that Hannay's diamonds were not in fact synthetic but natural. Flint and R.H.S. Robertson went on to write a longer biographical piece on Hannay.

F.116

Photocopy of typescript of Flint's article, sent to Jones by the editor of *Chemistry and Industry* for comment, 1 July 1968.

F.117

Correspondence and papers, 1968-1969.

Includes typescript draft of Jones' article.

F.118

Correspondence *re* authenticity of Hannay's diamonds and *re* Flint and Robertson's biography, 1975-1979.

F.119-F.186

EDUCATION POLICY

1947-1990, n.d.

See also University of Aberdeen (C.1-C.282) for material relating to Jones' views on education policy both locally and nationally.

F.119-F.164

University education and policy

F.165-F.186

School physics

F.119-F.164	University education and policy	1947-1990, n.d.
	F.119-F.128	General
	F.129-F.141	Universities and industry
	F.142-F.164	The Robbins Report and university expansion
F.119-F.128	General	1947-1987
	Some of this material relates to events at the University of Aberdeen and should be consulted in conjunction with the material presented at C.1-C.79.	
F.119	Correspondence and papers, 1947-1949. Includes 4pp duplicated typescript letter protesting about decisions taken by the University of Aberdeen Faculty of Science regarding admissions, 21 July 1948	
F.120	Correspondence and papers, 1950-1966. Includes correspondence <i>re</i> difficulties in recruiting suitable staff.	
F.120A	'Some current factors in higher education' by Jones, 5pp typescript, <i>ca</i> 1965.	
F.121	Correspondence and papers <i>re</i> activities of the Planning Board for an Independent University, 1970. Jones attended an informal conference in London on 7 April 1970. The Independent University was established as the University College at Buckingham (University of Buckingham from 1983).	
F.122	Correspondence and papers, 1972-1976. Includes correspondence <i>re</i> possible effects of devolution on Scottish universities.	

- F.123 13pp typescript draft by Jones, 'Some pros and cons of devolution', *ca* 1979.
- F.124-F.126 Correspondence and papers *re* an article by Jones 'The Lamp beside the Open Door', for 'Outlook', magazine for Open University graduates, Spring 1979.
- F.124 9pp typescript draft.
- F.125 Correspondence *re* publication, 1978-1979.
- F.126 Background material assembled by Jones.
- F.127 Correspondence *re* student loans, 1980-1981.
See also F.160.
- F.128 Correspondence and papers, 1985-1987, n.d.
- F.129-F.141 **Universities and industry** 1948-1989
- F.129 Copy of Institute of Physics report on 'The Education and Training of Technologists', March 1948.
- F.130 Report of the Physicists' Subcommittee of the Technical Personnel Committee, November 1948.
- F.131, F.132 Papers of Federation of British Industry Conference on Industry and the Universities, Ashorne Hill, Warwickshire, 25-28 November 1949.
- F.131 Papers *re* arrangements; list of participants; programme.
- F.132 Conference Report.

- F.133 Miscellaneous correspondence and papers *re* relationship between universities and industry, 1966-1968.
- F.134 Correspondence and papers *re* Ministry of Technology Electronics Research Council Working Party on the relationship between the universities and industry in electronics, 1967-1968.
- The correspondence is with C.W. Oatley, who took the chairmanship of the Working Party.
- F.135 Papers of Working Group on University/Industry Relations, European Industrial Research Management Association meeting, Paris, 22 November 1968.
- Jones was a principal speaker.
- F.136-F.139 Papers of the Joint Royal Society/Institute of Physics and Physical Society Working Party on the relationship between university education in physics and the needs of industry, 1969-1971.
- F.136 Correspondence *re* establishment of the Working Party, March 1969; agenda and minutes of first meeting, 10 December 1969; brief correspondence *re* information for the Working Party, April 1970.
- F.137 Papers of meeting, 4 June 1970.
- F.138 Minutes of meetings, 22 September and 30 October 1970.
- F.139 Papers of meetings, 1971.
- F.140 Miscellaneous correspondence, 1970-1982.
- Includes letters *re* industrial-university partnerships and recruitment of graduates.
- F.141 Miscellaneous correspondence, 1987-1989.

- F.142-F.164 **The Robbins Report and university expansion** 1963-1990, n.d.
- The problems of rapid university expansion had concerned Jones since the late 1940s. Although he believed an expansion of the universities was necessary he was concerned lest too rapid growth should detract from the quality both of the students and of the staff.
- The bulk of this material relates directly to the Robbins Report of 1963 and its subsequent implementation. Jones believed his misgivings, publicly aired at the time, were shown to be valid and returned to this point as universities ran into student protest, financial difficulties and slipping academic standards.
- Again, this material should be consulted in association with that in the University of Aberdeen section.
- F.142 Articles on the Robbins Report by Jones, published in *The Times*:
- 'Taking the strain of Robbins', 11 November 1963.
- Newspaper cutting.
- 'Doubts on the practicability of full expansion', 18 December 1963.
- Photocopy and typescript draft.
- F.143 Correspondence, 1963.
- F.144 Newspaper cuttings on the Report from *The Times*, 1963.
- F.145 Correspondence *re* social background of students at Aberdeen, January 1964.
- F.146 'Report of one day conference on the Robbins Report and technological education in the region', London and Home Counties Regional Advisory Council for Technological Education, London, 7 January 1964.
- F.147 Newspaper cuttings, 1964-1969.

- F.148 Exchange with John Maddox, then editor of *Nature*, re remarks that Maddox had made about Jones in relation to the Robbins Report, May 1969.
- The remarks had appeared, under a pseudonym, in the *New Scientist* in 1963.
- F.149-F.154 Correspondence and papers, 1970.
- In 1970 a new wave of university expansion was initiated, and Jones took the opportunity to reiterate points made in 1963.
- F.149 January 1970.
- Includes draft of article by Jones 'Is expansion justified?', 8pp typescript + figure, for *The Times Educational Supplement - Scotland*.
- F.150 February 1970.
- Includes cutting of Jones' article as published, 27 February.
- F.151 March 1970.
- Includes newspaper cuttings of reactions to Jones' article.
- F.152 April-June 1970.
- F.153 June-September 1970.
- Includes duplicated typescript 'Notes on a meeting held on 3 July 1970' on 'University development 1972-82', Royal Society, London.
- See also G.199.
- F.154 November 1970.
- F.155 Newspaper cuttings and photocopies, 1970, 1973.

- F.156 Photocopy of 'Discipline in universities', letter by Jones in *The Times*, 6 August 1974.
- F.157 Newspaper cuttings and photocopies, 1975.
- F.158 Correspondence, May-July 1975.

Includes photocopy of letter by Jones sent to *The Times* in response to an editorial on 17 May (see F.157), 21 May 1975.
- F.159 Correspondence and papers, 1979.
- F.160 Correspondence and papers *re* student loans, 1980.

See also F.127.
- F.161 Correspondence *re* university cuts, 1981.

The cuts in central government funding of universities in 1981 was held to mark the end of the Robbins principle.
- F.162 Newspaper cuttings, 1981-1984.
- F.163 Photocopy of letter by Jones 'An academic staff college' sent to *The Times* in response to an editorial on 27 October 1990, 7 November 1990.

Jones had sent an earlier letter on this subject to *The Times* in 1974.
- F.164 Programme and Jones' manuscript notes for Aberdeen University debate on the motion 'That this House fears that in the expansion of the Universities quantity is being put before quality', n.d.

Jones proposed the motion.

F.165-F.186

School physics

1948-1990, n.d

From his move to Aberdeen Jones had a keen interest in the quality of undergraduates applying to take physics and other science subjects. He also was concerned about the content of the school science curriculum. The material presented here is the contents of Jones' box files titled 'School physics' and 'School education'.

F.165

Correspondence and papers *re* content of school science courses, 1948-1949.

Includes minutes of meeting of N.E. Council of University and Schools, Aberdeen, 4 June 1949.

F.166

Papers for meeting of representatives of the Scottish Education Department and of Scottish universities *re* general science, 7 February 1949.

Includes manuscript notes by Jones.

F.167

Correspondence *re* and papers for meeting of representatives of the Scottish Education Department and of Scottish universities *re* general science, 1 November 1949.

F.168

Correspondence, 1950.

F.169

Correspondence and papers *re* meeting of Scottish Universities Entrance Board, St Andrews, 15 April 1950.

F.170

Papers for meeting of representatives of the Scottish Education Department and of Scottish universities *re* general science, 5 June 1950.

F.171

Correspondence, chiefly *re* supply of physics teachers, 1951-1955.

F.172

Correspondence, 1956-1962.

- F.173 Correspondence *re* Advisory Committee to advise the Secretary of State for Scotland on teaching of physics in secondary schools, January-February 1962.
- Initially reluctant, Jones agreed to join the Committee.
- F.174-F.178 Papers *re* the Nuffield Foundation Physics Project, 1962-1968.
- This was established in 1962 to initiate a programme 'to provide a complete range of teaching aids in physics for the first four or five years in secondary schools'. Jones was a member of its Consultative Committee, which was chaired by Sir Nevill Mott.
- F.174 Invitation to serve and terms of reference, March 1962; minutes of third and fifth meetings, 3 July and 30 November 1962.
- F.175 Papers of meetings, 1963.
- F.176 Correspondence, 1963.
- The bulk of the correspondence concerns the syllabus drafted by D. McGill in January 1963.
- F.177 Copy of 'The Nuffield physics project' by J. Lewis, *Bulletin of the Institute of Physics and the Physical Society*, March 1965.
- F.178 Duplicated typescript 'Progress Report', June 1968.
- F.179 Correspondence, 1966-1969.
- F.180 Correspondence, 1970-1974.
- Includes correspondence *re* arrangements for lectures by Jones to school pupils in Aberdeen.
- F.181 Correspondence, 1975, 1976.

- F.182 Correspondence and papers, 1978, 1979.

Correspondence for January 1978 is *re* bursary competition papers in physics.
- F.183 Correspondence, chiefly *re* withdrawal of support by Grampian Regional Council of in-service training for physics teachers, 1980.
- F.184 Correspondence, 1981-1982.
- F.185 Correspondence and papers, 1985-1990.
- F.186 Miscellaneous papers, n.d.

'Recognition of "General Science". Memorandum by Professor Kermack', 2pp duplicated typescript, with manuscript annotation by Jones; 'The ordinary class. A feature of Scottish education' by Jones, 5pp typescript; 'Memorandum on science courses in the secondary school', 6pp duplicated typescript + appendices.

F.187-F.197

SCIENCE AND GOVERNMENT

1962-1990

Contents of Jones' box files so inscribed.

- F.187 Correspondence, 1962-1964.

Includes exchange with A.M. Uttley, *re* theory of organisation, January 1964.
- F.188 Press cuttings *re* Jones' call for scientists to be more prominent in Government.

Manuscript lecture notes by Jones on 'Science and the State', 'R.R.E. Malvern 13.XI.63'.

- F.189 Correspondence and papers, 1965-1968.
- Includes transcript of BBC2 Television programme discussing science and government in the light of remarks made by Barnes Wallis in a documentary on his life, January 1967.
- F.190 Correspondence and papers, 1971.
- Includes untitled 3pp photocopied typescript draft on science and government, 29 June 1971.
- F.191 Correspondence and papers, chiefly *re* reaction to the Rothschild Report, 1972.
- Includes 5pp typescript draft by Jones 'The Rothschild Report'.
- F.192 Correspondence, chiefly arising from Jones' letter to *The Times* on academic staff colleges, 1974.
- F.193 Correspondence, chiefly *re* 1975 report of House of Commons Select Committee on Science and Technology, 1975-1976.
- F.194 Correspondence, 1978-1991.
- Includes correspondence *re* 1982 report of the House of Commons Select Committee on Science and Government.
- F.195 6pp typescript draft by Jones 'Academic freedom and tenure', annotated 'Declined by *The Times* June 1988'.
- F.196 2pp manuscript notes by Jones on 'Science and politics'; 5pp typescript draft by Jones 'National objectives in scientific research'. n.d.
- F.197 Miscellaneous background material, 1967, 1976.

F.198-F.208

NATIONAL DECLINE

1975-1981

Contents of Jones' box file titled 'Dogs', a reference to the phrase 'The country is going to the dogs'.

Much of the material relates to '1945-1979: Victory into Defeat?', the keynote lecture that Jones gave at the Standing Conference of Employers of Graduates conference, University of York, 5 July 1979. There is also background material that Jones judged to be illustrative of the UK's decline.

- F.198 Papers re 'Truemid' organisation, sent to Jones by T. Adam, October 1975.
- Truemid was the Movement for True Industrial Democracy, an attempt to counter what was seen as Far Left domination of the Trades Unions.
- F.199 Correspondence, 1976.
- F.200 Papers sent to Jones by B.V. Bowden, 1976.
- F.201 Correspondence, 1977-1979.
- F.202-F.205 Correspondence and papers re Standing Conference of Employers of Graduates meeting, University of York, 5 July 1979.
- F.202 Correspondence with organisers re arrangements and with those to whom Jones sent prior copies of his speech, May-July 1979.
- F.203 '1945-1979: Victory into Defeat?', 32pp typescript.
- F.204 Correspondence arising, chiefly with those who had seen a report of Jones' lecture in the *Daily Telegraph* and agreed with its sentiments, July 1979.
- F.205 Newsletter of the Standing Conference of Employers of Graduates, April 1979.

F.206 Correspondence, 1980-1981.

F.207, F.208 Miscellaneous background material.
2 folders.

F.209-F.219

TECHNOLOGY AND PRIVACY

1969-1978

This material chiefly relates to Jones' report 'Some threats of technology to privacy' presented to the Third International Colloquy about the European Convention on Human Rights, Brussels, Belgium, 30 September-3 October 1970.

Jones' report and the subsequent reporting of it, gave rise to concern in a number of people that such electronic threats to their privacy were in fact being utilised against them.

F.209-F.212 Correspondence and papers *re* Third International Colloquy about the European Convention on Human Rights.

F.209 Correspondence *re* arrangements for the Colloquy, 1969-1970.

F.210 Programme and list of participants.

F.211 30pp typescript draft of Jones's contribution.

F.212 Press coverage, 1 October 1970.

F.213 Correspondence with manufacturers and others *re* the capabilities of surveillance equipment etc, February-September 1970.

F.214 Correspondence arising, October-December 1970.

- F.215 Correspondence arising, 1971.
- F.216 Correspondence and papers, January-December 1972.

Includes 2pp manuscript notes by Jones for talk on privacy to Oxford University Scientific Society, 8 February.
- F.217 Correspondence *re* consultancy to United Nations, June 1972-March 1973.

Jones advised on the UN Report on 'Respect for the privacy of individuals and the integrity and sovereignty of nations in the light of advances in recording and other techniques'.
- F.218 Correspondence, 1973-1978.
- F.219 Miscellaneous background information.
- F.220-F.223 'IMPOTENCE' 1960-1996**
- Contents of Jones' box file so labelled.
- The material is chiefly correspondence and papers relating to three papers by Jones:
'The theory of practical joking - its relevance to physics', *Bulletin of the Institute of Physics*, June 1957; 'Impotence and achievement in physics and technology', *Nature* **207**, 10 July 1965; 'Irony as a phenomenon in natural science and human affairs', Ludwig Mond lecture, 1968.
- He delivered a number of lectures on these themes (some with these titles).
- F.220-F.223 General correspondence *re* practical joking, incongruity in science etc, 1960-1993, n.d.
- F.220 1960-1968.

Correspondents include Sir Sydney Camm and Arthur Koestler.

- F.221 1970, 1971.
- F.222 1972-1976.
Includes correspondence *re* 'Col. Musslewhite', a pseudonym used by Jones for letters to *The Times*.
- F.223 1977-1993, n.d.
- F.224 Correspondence *re* Jones' lecture 'Irony as a phenomenon in natural science and human affairs', 1969-1974, 1996.
- F.225 Correspondence *re* Jones' work on theory of practical joking, 1970-1978, 1989.

The bulk of the correspondence is *re* updating of Jones' 1957 article for publication in the *Bulletin of the Institute of Mathematics and its Applications*, 1973-1975.
- F.226-F.229 Manuscript notes for lectures by Jones:
- F.226 'Exeter 9.3.70'; 'Irony: [?] Round Table 3.X.72'; 'Irony RSNZ Dunedin 15.5.73'.
- F.227 'Theory of P.J. Andersonian Society. Strathclyde 21.2.74'; 'Athenaeum 1.4.74'; 'Irony A.S.E. Aberdeen 11.4.74'; 'Illusions 27.X.74'.
- F.228 'A.U. 14.2.75 Scientific method'; 'Irony. Southampton 7.XII.82'.
- F.229 n.d.
- F.230 Proof copy of 'Sophist's Delight': book review for *Nature* by Jones of *Fallacies* by C.L. Hamblin (London, 1970).

F.231 Typescript and manuscript draft of 'The natural philosophy of incongruity' by Jones, n.d.

F.232 Miscellaneous typescript and photocopied notes.

F.233 6pp typescript of 'On the feasibility of coal-driven power station' by O.R. Frisch, n.d.

This was a satirical report implicitly comparing coal-powered and nuclear power stations.

F.234-F.275 'QUACKS' 1944-1995, n.d.

This material is the contents of Jones' box files so titled. It is chiefly letters, circulars and pamphlets sent to Jones by a variety of individuals and organisations, with some replies by Jones.

The material includes a wide range of correspondence and associated material, from revisions and corrections of Einstein's work, to conspiracies against humankind and the imminent fulfilment of Biblical prophecies. With this material Jones also filed what might be thought to be more mainstream correspondence, for example from the National Campaign for the Abolition of Capital Punishment and anti-Vietnam War campaigners.

The material is presented in a broadly chronological order, though material sent over time from a single correspondent has been kept together.

It is not indexed.

F.234 1944-1948.

F.235 1953-1955.

F.236 1956.

F.237 1956-1959.

F.238, F.239	1960. 2 folders.
F.240, F.241	1961. 2 folders.
F.242	1961-1962.
F.243	1962. Notebook.
F.244	1962.
F.245	1964.
F.246	1965.
F.247	1966, 1968.
F.248	1969.
F.249	1969-1970.
F.250	1970.
F.251	1970-1975.

F.252	1971.
F.253	1972-1973.
F.254	1974.
F.255, F.256	1974-1975. 2 folders.
F.257	1975.
F.258	1976.
F.259	1976-1977.
F.260	1977-1978.
F.261-F.268	1978-1983. 8 folders.
F.269	1976-1980.
F.270	1981-1983.
F.271	1984-1987.
F.272	1989, 1991.

F.273 1992.

F.274 1993-1995.

F.275 n.d.

SECTION G

VISITS AND CONFERENCES

G.1-G.448

This section documents Jones' foreign and domestic travel. There is a short sequence of itineraries but the majority of the material is divided up by country following Jones' own arrangement, with much relating to the United Kingdom, the United States and Germany. The papers for a number of countries also include general correspondence with friends and acquaintances living there.

Material relating to visits and conferences can also be found in other sections of the collection. For example, papers regarding a number of visits to France can be found at B.544-B.561.

G.1-G.10 ITINERARIES

G.11-G.448 VISITS AND CONFERENCES

G.11-G.14 BELGIUM

G.15-G.21 CANADA

G.22-G.41 CHINA

G.42-G.97 GERMANY

G.98-G.113 JAPAN

G.114-G.134 NEW ZEALAND

G.135, G.136 NORWAY

G.137-G.141 POLAND

G.142-G.144 PORTUGAL

G.145-G.148 RUSSIA

G.149-G.161 SOUTH AFRICA

G.162-G.184 SWEDEN

G.185, G.186 SWITZERLAND

G.187-G.307 UNITED KINGDOM

G.308-G.448 UNITED STATES OF AMERICA

G.1-G.10

ITINERARIES

1976-1994

A short sequence of typescript and manuscript itineraries for domestic and foreign visits by Jones.

Most of the itineraries were found together in a box file labelled 'Notes'. This sequence is not comprehensive in documenting Jones' visits during the period 1976-1994.

G.1	1976.
G.2	1977.
G.3	1978.
G.4	1980.
G.5	1981.
G.6	1982.
G.7	1983-1984.
G.8	1985-1986.
G.9	1987-1989.
G.10	1991-1994.

G.11-G.448 VISITS AND CONFERENCES

Arranged in alphabetical order by country.

G.11-G.14 Belgium 1983

For material relating to other visits to Belgium, see E.74, F.209-F.212 and H.43-H.48.

G.11-G.14 SHAPEX 83 Conference, Belgium, 5-6 May 1983.

Jones accepted a personal invitation to join the UK delegation to SHAPEX 83. SHAPEX conferences were held annually in Belgium by the Supreme Allied Commander Europe as a forum to discuss defence problems facing the NATO Alliance.

G.11 Correspondence *re* arrangements, 1983.

G.12 Programme; general information booklet; attendance lists.

G.13, G.14 Background material.
2 folders.

G.15-G.21 Canada 1983-1996

This material was found together in a box file labelled 'Canada'.

G.15-G.17 Visit to Toronto, Canada to address the Churchill Society, 18-26 November 1991.

G.15, G.16 Correspondence and papers relating to the visit, 1991.
2 folders.

G.17 19pp typescript of lecture to the Churchill Society.

G.18-G.21 General correspondence, 1983-1996

Includes correspondence *re* the Dieppe raid on 19 August 1942.

4 folders.

G.22-G.41 China 1966-1993

These papers were kept together in three box files labelled 'China'.

G.22-G.25 Visit as guest of honour during an exhibition by the Scientific Instrument Manufacturers Association (SIMA) in Tientsin, September 1966 (cancelled).

It was also intended that Jones should visit Japan during this visit.

G.22, G.23 Correspondence *re* arrangements, 1965-1966.

2 folders.

G.24, G.25 Background material.

2 folders.

G.26-G.38 Visit as a member of a Royal Society delegation, 14-28 March 1975.

The delegation's two other members were, G.B.R. Feilden and H. Morrogh.

G.26-G.29 Correspondence relating to the visit, 1974-1975.

4 folders.

G.30-G.34 Draft reports of the delegation's visit.

G.30 21pp typescript by Jones.

- G.31 16pp typescript by Jones.
- G.32 13pp annotated typescript by Jones.
- G.33 Photocopy of 30pp typescript by H. Morrogh.
- G.34 Photocopy of 12pp typescript by G.B.R. Feilden.
- G.35 Printed report of the visit, 1975.
- G.36 Manuscript notes for lectures given by Jones during the visit:
1p entitled 'Xtal Growth at Aberdeen 18.3.75'; 1p entitled 'Optical levers
Shanghai 25.3.75'.
- G.37 2pp typescript and 3pp manuscript notes *re* the visit to China for a lecture by
Jones at the Staff College, Camberley, 17 April 1975.
- G.38 Miscellaneous items relating to the visit.
- G.39 Visit to Taiwan by Jones and his wife, December 1977.
Dinner invitation, letters of thanks by Jones etc, 1977-1978.
- G.40, G.41 General correspondence relating to China, 1967-1993.
2 folders.

G.42-G.97

Germany

1950-1996

These papers were kept together in four box files labelled 'Germany'.

G.42, G.43

Conference on Radar, Frankfurt am Main, 15-19 April 1953.

Correspondence relating to the Conference, 1953-1954; programme; list of participants.

All the material is in German.

2 folders.

G.44-G.51

Conference on Radar in Air Navigation, Meteorology and Astronomy, Munich, 1-4 June 1955.

G.44

Correspondence relating to the Conference, 1955.

G.45

Typescript list of participants.

G.46

11pp annotated typescript of lecture by Jones.

G.47

Wehrkunde, September 1955.

This journal contains a published version of the lecture by Jones (in German).

G.48

5pp typescript report by Jones on his visit for the Conference, with 5pp annotated typescript draft.

G.49

Photograph album sent to Jones, annotated on first page with a message by W. Martini, 1955.

Including photographs of Jones taken during the visit.

G.50

Newspaper cuttings *re* the Conference; memorabilia; etc.

- G.51 1p manuscript notes for a lecture to the 'Womens' Citizens Federation', 18 February 1956.
- These notes were found with the above material. The lecture appears to have been on the subject of Germany.
- G.52-G.56 Symposium on the role of Enigma in World War II, Bonn and Stuttgart, 15-18 November 1978.
- Jones gave the concluding lecture on 'Electronic warfare: its possibilities, limitations and dangers in World War II'.
- G.52 Correspondence *re* arrangements, 1978.
- G.53 Programme, annotated by Jones.
- G.54, G.55 19pp annotated typescript draft of lecture by Jones; 22pp typescript of lecture + captions.
- 2 folders.
- G.56 Miscellaneous items.
- G.57, G.58 Visit to give a talk to the British 4th Armoured Brigade, Munster, Germany, 13-17 November 1981.
- Correspondence and papers *re* arrangements, 1981.
- 2 folders.
- G.59, G.60 United States Army Europe (USAREUR) / British Army of the Rhine (BOAR) Weapons Conference, Berchtesgaden, 15 January 1987.
- Jones gave an address at the conference.
- G.59 Correspondence relating to the conference, 1986-1987.
- G.60 1p manuscript notes for lecture.

- G.61-G.67 International Conference on the Air War in World War II, Freiburg, 29 August-2 September 1988.
- Jones gave a lecture on 'Scientific intelligence of the Royal Air Force'.
- G.61-G.63 Correspondence relating to the conference, 1987-1989.
- 3 folders.
- G.64 Printed programme; photograph.
- G.65-G.67 Drafts of lecture.
- G.65 35pp manuscript draft, written on the reverse of miscellaneous photocopied and typescript papers.
- G.66 21pp typescript.
- G.67 Photocopy of 18pp annotated typescript for publication in the conference proceedings; correspondence *re* the editing of Jones' paper, 1990-1991.
- G.68-G.71 Anglo-German Conference on Britain and the German Resistance to Hitler, Hamburg, 16-19 May 1989.
- Jones accepted an invitation by the British National Committee for the History of the Second World War to attend the conference as an observer.
- G.68 Correspondence and papers *re* arrangements, 1988-1989.
- G.69-G.71 Advance copies of five conference papers.
- 3 folders.
- G.72-G.95 Correspondence.
- This material consists largely of correspondence with Germans, including a number of wartime opponents who became friends.

G.72-G.81	General correspondence, 1950-1996, n.d. Includes invitations to Germany (declined by Jones).
G.72	1950, 1954.
G.73	1955.
G.74	1956, 1958.
G.75	1959.
G.76	1961-1963, 1968.
G.77	1977, 1979.
G.78	1981.
G.79	1985-1988.
G.80	1989-1994.
G.81	1995-1996, n.d.
G.82-G.84	Correspondence with F. Trenkle, 1977-1992. Mostly <i>re</i> air-warfare during the Second World War. 3 folders.
G.85-G.90	Correspondence with H. Drubba, 1978-1992. 6 folders.
G.91	Correspondence with J.A. Schaefer, 1981-1986.

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|-------------------|---|
| G.92-G.95 | Correspondence with A.H. Zetzsche, 1981-1995.

4 folders. |
| G.96 | Cuttings of an article (in German) by D. Irving in <i>Der Spiegel</i> , 1965, with 2pp typescript translation of a section about Jones. |
| G.97 | Newspaper cutting of an article about Jones (in German) in the <i>Bild am Sonntag</i> , 3 July 1977. |
| G.98-G.113 | Japan 1969-1996 |
| | These papers were found together in a box file labelled 'Japan'. |
| G.98-G.103 | Visit to Tokyo, May-June 1969.

Jones visited Tokyo as part of a delegation, sponsored by Rank Precision Industries, which lectured on British scientific instruments in order to promote sales in Japan. |
| G.98, G.99 | Correspondence and papers relating to the visit, 1969.

2 folders. |
| G.100-G.102 | Drafts of a lecture given by Jones. |
| G.100, G.101 | 'Elastic design in instruments', 10pp and 12pp typescripts.

2 folders. |
| G.102 | 'Elastic design in instruments Part II', 14pp typescript. |

- G.103 Offprint of the lecture (in Japanese).
- G.104, G.105 Visit to Tokyo, 28 March-1 April 1975.

This short visit took place following Jones' participation in a Royal Society delegation to China. The visit included a meeting with the Japan Academy.

See G.26-G.38 for papers relating to the visit to China.
- G.104 Correspondence and papers relating to the visit, 1975.
- G.105 Two photographs of Jones taken during the visit.
- G.106 Visit to Japan, December 1977.

In December 1977 Jones visited Japan, South Korea and Taiwan with his wife. The visit appears to have been organised by the Professors World Peace Academy (see G.39 for papers relating to the visit to Taiwan).

Correspondence and papers relating to the visit, 1977-1978.
- G.107-G.113 Correspondence.

This material consists largely of correspondence with Japanese scientists.
- G.107 General correspondence, 1974-1996.
- G.108-G.110 Correspondence with T. Ishizuka, 1969-1996.

Mostly *re* personal news.

3 folders.
- G.111-G.113 Correspondence with and relating to H. Imai, 1970-1995.

Imai was a member of staff at the National Research Laboratory of Metrology, Tokyo. He spent a year from 1976 to 1977 as an Honorary Research Fellow in the Department of Natural Philosophy at the University of Aberdeen.

3 folders.

G.114-G.134	New Zealand	1969-1991
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These papers were kept together in two box files labelled 'New Zealand'.

G.114-G.131	Visit to New Zealand as a Commonwealth Prestige Fellow, March-May 1973.
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Jones made this visit at the invitation of New Zealand's Commonwealth Scholarships and Fellowships Committee. The visit was initially planned for 1972 but was postponed until the following year. During the period of the Fellowship Jones visited and gave lectures in numerous university departments. He also represented the Royal Society at the Centennial Celebrations of the University of Canterbury, Christchurch, 3-7 May.

On his way to New Zealand Jones visited Mexico, the United States and Fiji and on his return he stopped in Australia and New Guinea.

G.114-G.120	Correspondence <i>re</i> arrangements for the visit, 1969-1973.
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7 folders.

G.121	Itineraries.
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G.122	Programmes for the Centennial Celebrations of the University of Canterbury.
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G.123	7pp manuscript notes for lectures given by Jones during his visit.
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G.124-G.126	Letters sent to Jones from the United Kingdom during the visit, 1973.
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Mostly relating to affairs in the Department of Natural Philosophy at Aberdeen.

3 folders.

G.127	Postcard sent by Jones to his secretary during the visit, 1973.
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G.128-G.130	Correspondence arising from the visit, 1973-1974. Mostly letters of thanks by Jones. 3 folders.
G.131	Memorabilia etc.
G.132-G.134	General correspondence, 1970-1991. This consists largely of correspondence with friends and acquaintances from New Zealand. 3 folders.
G.135, G.136	Norway 1979-1980
G.135, G.136	Biennial Study Period of the NATO Northern Group, Kolsås, Norway, 23-24 January 1980. Jones spoke at this Study Period on 'Developments in technology in the eighties and their impact on warning and reaction time'.
G.135	Correspondence and papers <i>re</i> arrangements, 1979-1980.
G.136	Photocopy of 16pp typescript lecture by Jones; 1p manuscript notes by Jones.

G.137-G.141 Poland 1974-1997

These papers were kept in a box file labelled 'Poland Portugal'.

G.137, G.138 Symposium on Acoustics and Spectroscopy, University of Gdansk, 9-12 October 1975.

Jones spoke at this symposium on 'The momentum of electromagnetic radiation in a refracting medium and the value of the fresnel aether drag coefficient'.

See also D.15, D.338.

G.137 Correspondence relating to the symposium, 1974-1976, 1979.

G.138 Itineraries; symposium programme; memorabilia.

G.139 Correspondence and papers relating to a staff exchange programme between the Universities of Aberdeen and Gdansk, 1975-1981.

G.140, G.141 General correspondence relating to Poland, 1976-1997.
2 folders.

G.142-G.144 Portugal 1979-1982

These papers were kept in a box file labelled 'Poland Portugal'.

G.142-G.144 Visit to Lisbon, 29 December 1979-7 January 1980.

Jones visited Portugal, at the invitation of the Academy of Sciences of Lisbon, in order to give a lecture on James Clerk Maxwell.

See also F.62.

G.142, G.143 Correspondence relating to the visit, 1979-1982.
2 folders.

G.144 1p manuscript notes for a lecture by Jones headed 'Portugese Military Academy 4.1.80'.

G.145-G.148 Russia 1960-1988

G.145 Visit to Moscow, June 1960.

Jones made this visit to give a lecture on behalf of the British Scientific Instrument Manufacturers' Association (SIMA) during an Exhibition by that organisation.

Correspondence relating to the visit, 1960.

See also A.18.

G.146-G.148 Contents of a box file labelled 'Russia', divided into three folders for ease of reference.

G.146 10pp typescript report to the British Council on a visit to the Soviet Union in May 1964 by G.K.T. Conn.

G.147, G.148 Correspondence and papers relating to Russian matters, 1966-1988.
2 folders.

G.149-G.161

South Africa

1985-1996

These papers were kept together in two box files labelled 'South Africa'.

G.149-G.156

Visit to South Africa, 25 July-14 August 1987.

Jones made this visit as a guest of the South African Institute of Electrical Engineers. He gave a number of lectures, including the President's Invitation Lecture on the subject of 'Star Wars'.

G.149-G.151

Correspondence relating to the visit, 1985-1987.

3 folders.

G.152

Itineraries.

G.153

South African Institute of Electrical Engineers newsletter, containing a synopsis of Jones' lecture, July 1987; 2pp manuscript speech notes; two newspaper cuttings *re* the lecture.

G.154

1p manuscript notes entitled 'Star Wars since April 1986', 13 July 1987; 9pp untitled manuscript draft *re* Star Wars, 16 July 1987, with 5pp typescript.

G.155

1p manuscript notes for a lecture by Jones headed 'R.T.S.W. Durban 4.8.87', attached to 1p manuscript notes for a lecture headed 'Star Wars Aberdeen Conservative Club 17 October 1986'.

G.156

Photocopy of 23pp typescript extract from a proposed book by John Bishop, with related correspondence, 1989-1990.

This extract includes the transcript of a television interview given by Jones during his visit to South Africa.

- G.157-G.159 Correspondence with K.A.H. Adams *re* his ideas on personal taxation, 1985-1988, with typescript papers by Adams *re* economic matters.
- Adams served as President of the South African Institute of Electrical Engineers.
- 3 folders.
- G.160, G.161 General correspondence, 1986-1996.
- The material consists mostly of correspondence with South African friends and acquaintances.
- 2 folders.
- G.162-G.184 Sweden 1959, 1985-1996**
- These papers were kept together in two box files labelled 'Sweden'.
- See also E.81-E.84 for papers relating to a visit to Lund in October 1976.
- G.162 Fifth Meeting and Conference of the International Commission for Optics (ICO), Stockholm, 24-30 August 1959.
- 'The detection of thermal radiation using linear expansion', 9pp typescript by Jones.
- G.163-G.167 Symposium on Science, Technology and Society, Lund, 27 September 1986.
- Jones spoke at the symposium on 'The vision of Francis Bacon in the light of today'.
- G.163, G.164 Correspondence and papers *re* arrangements, 1986.
- 2 folders.
- G.165 Correspondence arising from the symposium, 1986-1987.

- G.166 24pp manuscript draft of lecture; 3pp manuscript draft introduction.
- G.167 16pp typescript of lecture.
- G.168-G.172 Seminar on Business Intelligence and Security, Lund, 6 April 1989.

Jones spoke at the seminar on 'Some principles of intelligence'. During this visit he also gave a lecture to the University of Lund's Center for the Study of International Conflicts.
- G.168 Correspondence and papers *re* arrangements, 1989.
- G.169 Manuscript notes for lectures given by Jones in Lund.
- G.170, G.171 39pp manuscript and 24pp typescript drafts of the seminar lecture.

2 folders.
- G.172 Summaries of seminar papers, sent to Jones in advance of the meeting.
- G.173-G.183 Correspondence with S. Dedijer, including copies of numerous papers by him, 1985-1996.

Dedijer was the founder and Director of the Research Policy Institute at the University of Lund, 1966-1978. He wrote extensively on intelligence issues.

See also E.76-E.105.
- G.173 1985-1987.
- G.174 1988.
- G.175 1989.

G.176-G.178	1990. 3 folders.	
G.179	1991.	
G.180	1992.	
G.181	1993-1994.	
G.182	1995.	
G.183	1996.	
G.184	Miscellaneous correspondence with acquaintances in Sweden, 1987, 1992.	
G.185, G.186	Switzerland	1985
G.185, G.186	Precision Engineering Conference, Interlaken, May 1985.	
G.185	11pp manuscript draft of lecture by Jones.	
G.186	12pp manuscript and typescript draft of lecture by Jones. This draft has been annotated 'Prec. Eng. Conference Interlaken May 1985' at the top of the first page.	

G.187-G.307	United Kingdom	1948-1996
	G.187-G.274	Visits and conferences
	G.275-G.297	British Association for the Advancement of Science
	G.298-G.307	St George's House, Windsor Castle
G.187-G.274	Visits and conferences	1948-1996
G.187	High Vacuum Convention, Gleneagles Hotel, Perthshire, 12-13 October 1948. Jones agreed to give the concluding remarks at the Convention. Programme; invitations to Jones to participate, 1948.	
G.188	Visit to Orkney and Shetland, April 1955. Jones participated in a lecture tour of Orkney and Shetland as part of 'University Week' on the islands. Correspondence and papers <i>re</i> arrangements, 1955.	
G.189-G.193	UNISON 67 Study Period, Royal Military Academy, Sandhurst and Army Staff College, Camberley, 29 August-1 September 1967. Jones was invited to the Preliminary Session of UNISON 67. The aim of the Study Period was to bring together the heads of the armed forces of Commonwealth countries to study mutual problems.	
G.189	Correspondence relating to the Study Period, 1967.	
G.190	2pp typescript draft by Jones <i>re</i> the value of modesty and restraint.	
G.191	Programme.	
G.192, G.193	Printed brochures relating to UNISON 67. 2 folders.	

- G.194, G.195 Society of Instrument Technology Conference on 'On-line Measurement and Inspection: their Impact on Quality', St Andrews, 20-22 September 1967.
- Jones opened the conference.
- G.194 Correspondence *re* arrangements, 1967; 11pp annotated typescript draft of lecture by Jones.
- G.195 10pp typescript of lecture by Jones.
- G.196, G.197 Conference on Relations between Industry and the Universities, held by the International Union of Pure and Applied Chemistry, Eastbourne, 11-14 March 1968.
- Jones gave an address at this conference which was subsequently printed under the title 'As seen through the eyes of an academic'.
- G.196 Photocopy of 24pp typescript by Jones, annotated 'Pre-lecture text' at the top of the first page.
- G.197 'Summary of points made by schoolmasters on 13 March 1968', 3pp typescript.
- G.198 Symposium on the Teaching of Measurement and Instrumentation for Industrial Needs, City University, London, 3 January 1969.
- Jones was unable to attend the symposium in person owing to a prior commitment. His contribution was presented by a colleague from the University of Aberdeen.
- 9pp typescript.
- G.199 Royal Society meeting on 'University Development 1972-1982', Royal Society, London, 3 July 1970.
- Jones contributed a paper to the meeting entitled 'Is expansion justified? – problems of a peripheral university' (see also F.153).
- 7pp typescript by Jones; programme.

- G.200-G.203 Institution of Electronic and Radio Engineers Conference on Infra-red Techniques, University of Reading, 21-23 September 1971.
- Jones gave the opening address to the Conference on 'Some turning-points in infra-red history'.
- G.200 Correspondence relating to the publication of the lecture, 1971-1972.
- G.201 28pp typescript of the lecture by Jones.
- G.202 Conference programme; list of participants.
- G.203 Background material sent to Jones by G.M.B. Dobson with accompanying letter, 29 June 1971.
- G.204 Royal Society Discussion Meeting, 10-12 May 1972.
- 5pp typescript (including figures and references) entitled 'Aberdeen tiltmeters and gravimeters'.
- It is not clear whether Jones gave this paper in person, although this was an area of his personal research.
- G.205-G.207 Conference on 'Britain and the Sea', Royal Naval College, Greenwich, 12-14 September 1973.
- Jones did not give a paper at this conference but was a participant in its discussions.
- G.205 Correspondence relating to the Conference, 1972-1973.
- G.206 Printed booklet on the conference; conference dinner menu.
- G.207 Printed copy of the conference proceedings.

- G.208-G.213 Management of Innovation Conference, Royal Garden Hotel, Kensington, London, 19 November 1974.
- This conference was organised by the Engineering Industry Training Board in association with the Design Council. Jones spoke to the conference on 'The historical background'.
- G.208 Correspondence relating to the Conference, 1974-1976.
- G.209, G.210 Drafts of the lecture by Jones.
- G.209 6pp and 7pp annotated typescripts.
- G.210 7pp typescript.
- G.211 Programme; typescript list of participants; typescript biographical notes on the conference speakers; 6pp typescript brief for the conference.
- G.212 Printed booklet 'Management of innovation', edited by T. Bishop.
- The booklet consists of selected lectures from the conference, including that given by Jones.
- G.213 Background material.
- G.214-G.216 Greenwich Forum Conference on 'Exploitation of the North Sea', Royal Naval College, Greenwich, 23-25 April 1975.
- Jones appears to have attended this conference.
- G.214 Letter to Jones *re* arrangements, 1975.
- G.215 Printed copy of the conference proceedings.
- G.216 2pp typescript summary of recommendations, with attached 4pp note on contributions to the Conference.

- G.217-G.224 Exercise SARUM CASTLE 75, NATO Senior Officers' Study Period, Joint Warfare Establishment, Old Sarum, Wiltshire, 24-27 June 1975.
- Jones spoke at this event on 'Science in Air Defence'.
- G.217-G.219 Correspondence relating to the Study Period, 1975.
- 3 folders.
- G.220-G.222 Drafts for the talk by Jones.
- G.220 1p manuscript notes; 1p typescript notes.
- G.221 18pp typescript draft.
- G.222 20pp typescript.
- G.223 Printed booklets etc *re* arrangements for the Study Period.
- G.224 Background material.
- G.225-G.232 Joint Meeting of the Royal Society and the British Academy to celebrate the American Bicentennial, London, 29-30 June 1976.
- Jones was a member of the Organising Committee for the meeting. He gave a lecture on 'Benjamin Franklin'.
- The principal participants in the discussions organised by the Royal Society and the British Academy were also invited to attend meetings held at Ditchley Park, Enstone, Oxfordshire on 2 and 3 July 1976. These were sponsored by the Ditchley Foundation and Jones attended with his wife.
- G.225-G.227 Correspondence relating to the meeting, 1975-1976.
- 3 folders.
- G.228 Programme for the meeting; minutes of Organising Committee meetings.

- G.229 29pp typescript of the lecture by Jones.
- G.230, G.231 Background material.

2 folders.
- G.232 Correspondence and papers relating to the meetings arranged by the Ditchley Foundation, 1976.
- G.233-G.235 Conference on Leadership, Sandhurst, 16-18 March 1977.

This conference was jointly sponsored by the Royal United Services Institute (RUSI) and the Royal Military Academy Sandhurst (RMAS). Jones attended this conference and contributed to its discussions.
- G.233 Correspondence relating to the Conference, 1976-1977.
- G.234 Programme and list of participants etc.
- G.235 9pp and 12pp transcripts of Conference discussions.
- G.236-G.253 XVth International Congress of the History of Science, University of Edinburgh, 10-19 August 1977.

Jones served as Chairman of the Organising Committee for the Congress.
- G.236-G.246 Correspondence and papers *re* arrangements, 1974-1977.

Includes typescript copies of agendas and minutes of committee meetings.
- G.236-G.239 1974-1975.

4 folders.
- G.240-G.244 1976.

5 folders.

- G.245, G.246 1977.

2 folders.
- G.247 Itineraries.
- G.248 1p manuscript speech notes by Jones; invitation cards and menu for social events during the Congress.
- G.249 Printed programme and list of participants.
- G.250 Printed volume, 'Abstracts of scientific section papers'.
- G.251 Printed booklet, 'Synopses of symposia papers'.
- G.252, G.253 Correspondence and papers arising from the Congress, 1977.

2 folders.
- G.254 Military Operational Research Study Weekend, Royal Military College of Science, Shrivenham, Wiltshire, 8-9 October 1977.

Jones was a guest speaker at this event.

Correspondence and papers relating to the Study Weekend.
- G.255 Conference on 'Security in the 80s', University of Cambridge, 26-28 March 1980.

This conference was arranged by Zeus Security Consultants Ltd. Jones agreed to give an address at the conference dinner.

Correspondence *re* arrangements, 1979.

- G.256-G.262 Anglo-American Conference on the History of the Second World War, Imperial War Museum, London, 28-31 July 1980.
- The Conference was held by the British National Committee for the History of the Second World War. Jones attended the Conference.
- G.256 Correspondence and papers *re* arrangements etc, 1980.
- G.257-G.261 Typescript copies of conference papers.
- 5 folders.
- G.262 Correspondence and papers relating to William Casey's attendance at the Conference, 1992.
- G.263-G.266 Visit to the Royal Military College of Science, Shrivenham, Wiltshire, 7-9 July 1983.
- Jones was the College Visitor on the occasion of the College's Graduation Day.
- G.263, G.264 Correspondence and papers *re* arrangements etc, 1982-1983.
- 2 folders.
- G.265 8pp annotated typescript of the address by Jones at the Graduation Ceremony.
- G.266 Correspondence and papers *re* the use of night vision equipment to detect salmon poaching on the River Dee, 1982-1983.
- Jones was approached about this matter and was able to borrow an individual weapon sight from the Royal Military College of Science for the use of owners of fishing rights.
- This material was found with the material relating to Jones' visit to the College in July 1983.

- G.267-G.270 Annual Meeting of the Kitchener Scholars' Association, Kirkwall, Orkney, July 1986.
- Jones gave a Memorial Address on the 70th anniversary of Lord Kitchener's death.
- G.267 Correspondence and papers relating to the meeting, 1986.
- G.268, G.269 Drafts of the Memorial Address by Jones.
- G.268 1p manuscript notes; 17pp manuscript draft.
- G.269 12pp annotated typescript.
- G.270 Background material *re* Kitchener.
- G.271 King's College London Maxwell Society Weekend, Cumberland Lodge, Berkshire, 26-28 February 1988.
- The topic of this Maxwell Society event was 'Physics in perspective' and Jones gave a lecture on the 'Historical Perspective'.
- Correspondence *re* arrangements; 2pp manuscript notes for the lecture.
- G.272 40th Annual Land Warfare Technical Intelligence Conference (ALWTIC), London, 9 May 1989.
- Jones' contribution was entitled 'Random recollections of Technical Intelligence'.
- Correspondence *re* arrangements etc, 1988-1989; 1p manuscript notes, with photocopied background material.
- G.273, G.274 Royal Air Force Historical Society Seminar, Bracknell, Berkshire, 22 March 1996.
- Jones was scheduled to speak on 'RAF scientific intelligence'. A conflicting commitment prevented his attendance, although his paper was read out in his absence.
- G.273 Correspondence relating to the seminar, 1995-1996.
- G.274 8pp typescript by Jones.

G.275-G.297	British Association for the Advancement of Science	1963-1981
	This material relates to Jones' participation in the Annual Meetings of the British Association for the Advancement of Science.	
	The papers were kept in box files labelled 'British Association'.	
G.275-G.280	125th Annual Meeting, Aberdeen, 28 August-4 September 1963.	
	Jones gave an Evening Discourse on 'Science and the State' during the meeting as well as a lecture to Section X on 'Lyon Playfair'.	
	See also F.88-F.91.	
G.275, G.276	Correspondence relating to the meeting, 1963-1964.	
	2 folders.	
G.277	'Science and the State', 34pp typescript.	
G.278	'Lyon Playfair, 1818-98', 32pp typescript.	
G.279, G.280	Printed programmes.	
	2 folders.	
G.281, G.282	126th Annual Meeting, Southampton, 26 August-2 September 1964.	
	Jones gave the York Lecture on 'Chance favours the trained observer'. This was part of the meeting's Young People's Programme.	
G.281	Correspondence relating to the meeting; programme.	
G.282	'Chance observation and the alert mind', 27pp incomplete typescript by Jones.	

- G.283 130th Annual Meeting, Dundee, August 1968.
- Jones was a member of a 'Brains Trust' panel as part of the Young People's Programme during this meeting.
- Correspondence relating to questions put to the 'Brains Trust' panel, 1968.
- G.284-G.286 132nd Annual Meeting, Durham, 2-9 September 1970.
- Jones gave the 6th Royal Society BAYS Lecture at this meeting on 'Fresh light from old lamps'.
- G.284 Invitation to give the lecture, with letter of acceptance by Jones, 1970; programmes.
- G.285 Photocopy of 30pp typescript of the lecture by Jones.
- G.286 Correspondence arising from the Meeting *re* the conduct of the British Society for Social Responsibility in Science (BSSRS), 1970.
- G.287-G.290 133rd Annual Meeting, Swansea, 1-8 September 1971.
- Jones served as President of Section A (Physics and Mathematics) of the British Association during the period 1970-1971. He gave the Presidential Address to his Section at this meeting on 'Some problems in optical measurement'.
- G.287, G.288 Invitation to serve as President of Section A, with letter of acceptance by Jones, 1969; correspondence and papers relating to the Swansea meeting, 1970-1971.
- 2 folders.
- G.289 Photocopy of 9pp typescript of the lecture by Jones.
- G.290 Printed programme.

- G.291 134th Annual Meeting, Leicester, 4-9 September 1972.
- Correspondence and papers *re* arrangements for the meeting, 1971-1972.
- Jones agreed to serve as a Vice-President of Section A for the Annual Meeting in Leicester.
- G.292-G.297 150th Anniversary Meeting, York, 31 August-4 September 1981.
- Jones spoke at the meeting on 'Some effects of physics 1831-1981'. A shortened version of his paper appeared as 'Some consequences of physics' in a special section in *Nature* **293**, 3 September 1981.
- G.292, G.293 Correspondence relating to the meeting, 1980-1981.
- 2 folders.
- G.294, G.295 Drafts of the lecture by Jones.
- G.294 6pp manuscript draft; 17pp annotated typescript.
- G.295 18pp typescript.
- G.296 Printed programme.
- G.297 Two newspapers cuttings *re* the lecture by Jones, 1981.
- G.298-G.307 **St George's House, Windsor Castle** 1975, 1984-1990
- This material relates to Jones' participation in Consultations held by the Dean of Windsor at St George's House, Windsor Castle, Berkshire.
- The papers were kept in a box file labelled 'Morality Ethics Religion'.
- G.298 Consultation on Freedom and Responsibility in Industrialised Society, 13-15 June 1975.
- Correspondence and papers *re* arrangements, 1975.

- G.299-G.302 Consultation on Science and Religion, 22-24 February 1985.
Jones was one of the speakers at this meeting.
- G.299 Correspondence and papers *re* arrangements, 1984-1985.
- G.300 2pp manuscript notes for speech; 23pp manuscript draft and 8pp typescript of speech by Jones.
- G.301 2pp manuscript notes by Jones, probably made during the Consultation discussions; 5pp typescript summary of discussions.
- G.302 Correspondence arising from the Consultation, 1985.
- G.303 Consultation on Science and Religion, 26-28 April 1985.
Jones had to withdraw from this Consultation owing to his wife's ill-health.
Correspondence *re* arrangements, 1985.
- G.304-G.306 Consultation on Science and Religion, 25-27 October 1985.
- G.304 Correspondence *re* arrangements, 1985.
- G.305 Correspondence and papers arising from the Consultation, 1985.
- G.306 Typescript copies of papers given at the Consultation.
- G.307 Invitations to Consultations at St George's House (declined by Jones), 1986-1990.

G.308-G.448

United States of America

1954-1997

This material was found in box files labelled 'America', 'American Tour 1962', 'Washington' and 'US Electronic Warfare'.

G.308-G.399 Visits and conferences

G.400-G.448 General correspondence

G.308-G.399

Visits and conferences

1958-1987

Material relating to visits by Jones to the United States can also be found in other sections of the collection. See in particular A.58-A.78, E.238, E.239.

G.308-G.311

Visit, 26 January-5 February 1958.

Jones made this trip to attend the National Scintillator Conference in Washington D.C. on 27 and 28 January. He received an invitation because of American interest in lead fluoride crystals grown in his Department at Aberdeen. Jones was also able to follow up interests in Virginia and Boston during the visit.

G.308, G.309

Correspondence and papers *re* the visit, 1958.

2 folders.

G.310

1p typescript programme, with manuscript notes by Jones on the reverse (possibly for a speech).

G.311

2pp typescript report of the visit by Jones, 22 March 1958.

G.312-G.330

Lecture tour, 20 June-16 August 1962.

In 1962 Jones accepted an invitation by the American Association for the Advancement of Science to give seminars at various Summer Schools. During his time in the United States he also visited friends, spent several days at the Rand Corporation in Santa Monica, California and spoke at an International Design Conference in Aspen, Colorado.

- G.312-G.317 Correspondence *re* arrangements; letters sent to Jones during the visit, from the University of Aberdeen. 1962.
6 folders.
- G.318-G.320 Correspondence arising from the visit, 1962.
3 folders.
- G.321 Typescript and manuscript itineraries.
- G.322-G.324 Drafts of a report by Jones on the lecture tour.
24pp manuscript draft; 21pp typescript and manuscript draft; 14pp typescript.
3 folders.
- G.325, G.326 International Design Conference, Aspen, Colorado, 24-30 June 1962.
- G.325 Programme; 3pp manuscript notes by Jones for his lecture.
- G.326 Printed proceedings of the conference.
- G.327 46pp transcript of a lecture by Jones on 'Philosophers and Kings', with an introduction by A. Katz.

This lecture was concerned with the place of science in government and in particular the relations between Lord Cherwell and Sir Henry Tizard. It appears to have been given by Jones during his visit to the Rand Corporation.

- G.328, G.329 Manuscript notes by Jones.
- These notes appear largely to have been used by Jones to give lectures during the visit. Titles, where given, are reproduced in the entries below.
- G.328 'Xtal I.C. 11.1.60', 1p.
- 'Philosophers & Kings XRAY – Glasgow 6.4.61', 2pp.
- 'T.-L. Rand 19.7.62', 2pp.
- 'State Department 7.8.62', 2pp.
- G.329 'Practice', 2pp, n.d.
- 'Crystal notes', 2pp, n.d.
- 4pp untitled notes, n.d.
- G.330 6pp typescript list of American addresses; 1p typescript spoof résumé entitled 'Curriculum Aqua Vitae'.
- G.331-G.337 Visit to Mexico and the United States, 25 February-9 March 1973.
- He visited Mexico in late February to represent the Royal Society at centenary celebrations of the publication of James Clerk Maxwell's 'Treatise on Electricity and Magnetism'. At the beginning of March he travelled on to Washington D.C. where he gave a lecture to the staff of the Central Intelligence Agency (CIA) and then to Los Angeles where he visited and lectured at the Aerospace Corporation and the Rand Corporation.
- Jones made this trip on his way to New Zealand for a lecture tour (see G.114-G.134).
- G.331, G.332 Correspondence and papers relating to the visit to Mexico, 1973.
- 2 folders.

- G.333-G.337 Papers relating to the visit to the USA.
- G.333, G.334 Correspondence relating to the visit, 1973.
2 folders.
- G.335 Itineraries.
- G.336 Manuscript notes for lectures by Jones.
- G.337 Three notices for seminars by Jones; magazine cutting *re* lectures by Jones.
- G.338-G.342 Visit to Washington DC, 1-5 December 1975.

Jones visited Washington to give lectures to several organisations including the CIA, United States Air Force and the State Department. He travelled to Washington from New York where he attended the 4th International Conference on the Unity of the Sciences (see H.272-H.275).
- G.338 Correspondence and papers *re* arrangements, 1975.
- G.339 Correspondence arising from the visit, 1975-1976.
- G.340-G.342 Papers relating to lectures by Jones.
- G.340 'Command & Intelligence', CIA, 2 December 1975
1p manuscript notes by Jones; poster.
- G.341 'Command', United States Air Force, 3 December 1975.
1p manuscript notes by Jones.

- G.342 25pp typescript entitled 'Intelligence in a democracy', 13 January 1976.
- This paper was based on a talk by Jones in the State Department, Washington on 4 December 1975 on the subject of 'The role of intelligence in a humanizing democracy'. It was published in *Minerva*, **XIV** (Summer 1976).
- G.343-G.346 Visit, late November-early December 1977.
- Jones visited the United States to attend the 6th International Conference on the Unity of the Sciences (ICUS) in San Francisco, 25-27 November (see H.282-H.286). During this visit he also arranged to visit friends and give lectures to a number of organisations including the Stanford Research Institute. On leaving the United States Jones travelled to Japan, South Korea and Taiwan.
- G.343, G.344 Correspondence relating to the visit, 1977-1978.
- 2 folders.
- G.345, G.346 Manuscript notes by Jones on ICUS Conference notepaper.
- These notes were probably used by Jones to give lectures during the visit.
- G.345 6pp notes for lectures in the United States.
- G.346 2pp notes headed '15.XII.77 Korea Intelligence in a Democracy'.
- G.347-G.349 Visit, late November-early December 1978.
- Jones visited the United States to attend the 7th International Conference on the Unity of the Sciences (ICUS) in Boston, 25-27 November (see H.287-H.289). During this visit he also travelled to Colorado and California in order to visit friends and give lectures to a number of organisations.
- G.347 Correspondence relating to the visit, 1978-1979.
- G.348 'Stanford 11.XII.78 Theory of Practical Joking', 1p manuscript notes for a lecture by Jones.
- G.349 1p typescript itinerary, with 2pp typescript list of American addresses.
- G.350-G.352 Visit, April 1979.

Jones travelled to the United States to participate at the 8th Annual Conference of the International Security Studies Program on 'Intelligence: Deception and Surprise', Cambridge, Massachusetts, 24-26 April. This Conference was arranged by the Fletcher School of Law and Diplomacy, Tufts University.

- G.350 Correspondence relating to the visit, 1978-1979.
- G.351 Programme and list of participants for the Conference; photocopy of 24pp annotated typescript draft by Jones entitled 'Intelligence and Deception'.
- G.352 Programme and list of invitees for a colloquium with Jones at the Institute for Foreign Policy Analysis, Cambridge, Massachusetts, 24 April.
- G.353-G.365 Visit, 11 October-9 November 1980.
- In 1980 Jones accepted an invitation to give a two week lecture tour of various United States Air Force bases. Following this tour he participated in the Association of Old Crows 17th Annual Convention and Technical Symposium in El Toro, California, 28-30 October and was presented with the Association's Silver Medal of Appreciation. Arrangements were also made to see friends and visit various research establishments.
- G.353-G.355 Correspondence *re* arrangements, 1980.
- 3 folders.
- G.356 Itineraries.
- G.357-G.359 Correspondence and papers arising from the visit, 1980-1981.
- 3 folders.
- G.360, G.361 Manuscript notes for lectures by Jones, mostly *re* intelligence matters.
- 2 folders.

- G.362 Two notices and a magazine cutting *re* lectures by Jones.
- G.363 Programme for the Association of Old Crows 17th Annual Convention and Technical Symposium; 2pp duplicated typescript news release *re* Jones' participation at the Symposium.
- G.364, G.365 Photocopied background material relating to intelligence matters.
2 folders.
- G.366-G.377 Visit, 17 April-1 May 1982.

The main purpose of this visit by Jones was to participate as guest speaker at a Seminar organised by the United States Air Force's Electronic Security Command on the subject 'Electronic Combat: Future Conflict and New Technology', San Antonio, Texas, 20-21 April. Arrangements were also made by Electronic Security Command for him to give a number of lectures in Texas and Ohio.
- G.366-G.368 Correspondence relating to the visit, 1981-1982.
3 folders.
- G.369 Itineraries.
- G.370 Programme for Electronic Security Command Seminar.
- G.371, G.372 10pp manuscript draft and 12pp typescript of keynote address by Jones.

This address was given at a banquet in his honour on 20 April.
2 folders.
- G.373, G.374 26pp manuscript draft and 15pp typescript of presentation by Jones on 'Technology and military doctrine'.

This presentation was given at the Seminar on 21 April.
2 folders.

- G.375, G.376 Papers circulated to Seminar participants.
- G.375 8pp typescript list of 'Key issues and questions', annotated by Jones.
- G.376 Photocopy of typescript draft of the Seminar proceedings, with covering letter to Jones, 17 May 1982.
- G.377 Newspaper cuttings; 1p manuscript notes by Jones; programme for meeting of the Association of Old Crows, 22 April 1982 (Jones is listed as a speaker, see also H.2).
- G.378-G.380 Visit to Washington DC, 7-14 May 1982.

During this trip Jones visited intelligence experts and participated in a 'Lessons-Learned Seminar', 10-12 May, organised by the CIA.
- G.378 Correspondence relating to the visit, 1982; itinerary.
- G.379 Papers relating to the 'Lessons-Learned Seminar', including programme.
- G.380 Manuscript notes by Jones.
- G.381 Visit to Boulder, Colorado, 28 June-23 August 1982.

Jones made a six week visit to Boulder as a visiting professor at the University of Colorado. During this trip he also spent time with friends and gave a seminar at Los Alamos.

Correspondence relating to the visit, 1981-1982.
- G.382-G.384 Visit to Washington DC, 24-29 October 1982.

Jones made this visit to participate in a meeting on future American naval strategies, arranged by the Center for Strategic and International Studies, Georgetown University.
- G.382 Correspondence etc relating to the visit, 1982-1983.

- G.383 5pp typescript notes by Jones arising from the meeting, 8 November 1982.
- G.384 Typescript background notes *re* naval strategy, annotated by Jones.
- G.385, G.386 Visit, February 1983.
- Jones made this visit at the invitation of the United States Air Force's Electronic Security Command in order to participate in a seminar on electronic warfare in San Antonio, Texas and give a series of lectures to Air Force establishments in several states. During his stay he was appointed as Honorary Mayor of San Antonio. He also visited Washington during the trip.
- See also E.38, E.39.
- G.385 Correspondence etc relating to the visit, 1983.
- G.386 Programme for Joint Electronic Warfare Centre and Electronic Security Command Seminar on 'C3CM', 2-3 February, San Antonio, Texas.
- Jones was scheduled to speak on 'A Kit of Tools' during the seminar and to give a keynote address during the 2nd Annual R.V. Jones Banquet.
- G.387, G.388 Visit, January-February 1984.
- G.387 Correspondence and papers relating to the visit, 1984.
- G.388 1p manuscript speech notes by Jones.
- G.389-G.395 Visit, 20-30 May 1984.
- Jones made this visit to attend a Banquet in Washington DC, arranged by the Association of Old Crows, at which he was inducted into the Electronic Warfare Hall of Fame. He also accepted an invitation to attend a Symposium on Technological Frontiers and Foreign Relations, National Academy of Sciences, Washington DC, 21-22 May. Jones concluded the trip by visiting Minneapolis and New York.
- See also H.3.

- G.389, G.390 Correspondence relating to the visit, 1984.

2 folders.
- G.391 Programme for the Electronic Warfare Hall of Fame Banquet, 23 May 1984; photocopy of 8pp typescript nomination for Jones' induction into the Hall of Fame, n.d.
- G.392, G.393 Drafts of the acceptance speech given by Jones at the Banquet.

8pp manuscript draft; 6pp photocopy of annotated typescript; 7pp typescript.

2 folders.
- G.394 Printed programme and typescript list of attendees for the Symposium on Technological Frontiers and Foreign Relations.
- G.395 2pp manuscript lists by Jones of names and addresses of American friends and acquaintances.
- G.396-G.399 Visit, May 1987.

The main purpose of this visit was to participate at the 2nd United States Army War College Conference on 'Intelligence and Military Operations', Carlisle Barracks, Pennsylvania, 12-14 May, where Jones spoke on 'Intelligence and Command'. He also visited Washington before returning home.
- G.396 Correspondence relating to the visit, 1986-1987.
- G.397, G.398 Drafts of the lecture by Jones for the United States Army War College Conference.

34pp manuscript draft; photocopy of 19pp typescript.

2 folders.
- G.399 Manuscript notes for lectures by Jones.

G.400-G.448	General correspondence	1954-1997, n.d.
	This sequence of material consists largely of correspondence with American friends and acquaintances.	
G.400	1954-1957.	
	Mostly correspondence <i>re</i> lead fluoride crystals grown at the University of Aberdeen.	
G.401	1958-1959.	
	Includes correspondence <i>re</i> lead fluoride crystals.	
G.402, G.403	1960-1961.	
	2 folders.	
G.404	1963.	
G.405	1964-1965.	
G.406	1966-1967.	
G.407	1968-1971.	
G.408	1972-1973.	
G.409	1974.	
G.410, G.411	1975-1976.	
	2 folders.	

G.412, G.413 1977.
2 folders.

G.414-G.418 1978.
5 folders.

G.419-G.421 1979.
3 folders.

G.422 1980.

G.423-G.426 1981.
4 folders.

G.427-G.429 1982.
3 folders.

G.430, G.431 1983.
2 folders.

G.432, G.433 1984.
2 folders.

G.434 1985.

G.435 1986.

G.436, G.437	1987. 2 folders.
G.438, G.439	1988. 2 folders.
G.440, G.441	1989. 2 folders.
G.442	1990.
G.443	1991.
G.444	1992.
G.445	1993.
G.446, G.447	1994. 2 folders.
G.448	1995-1997, n.d. Includes 1p typescript by Jones entitled 'A detail of the 'special relationship'', 1995.

SECTION H

SOCIETIES AND ORGANISATIONS

H.1-H.922

H.1-H.11	ASSOCIATION OF OLD CROWS
H.12, H.13	BRITISH ATLANTIC COMMITTEE
H.14-H.17	BRITISH SCIENTIFIC INSTRUMENT RESEARCH ASSOCIATION
H.18-H.39	BRITISH TRANSPORT COMMISSION
H.40-H.49	CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES
H.50	CENTRE FOR ATLANTIC AND EUROPEAN EDUCATION IN ECONOMICS
H.51-H.93	CENTRE FOR POLICY STUDIES
H.94, H.95	'THE CERCLE'
H.96-H.101	CITY OF LONDON SQUADRON ASSOCIATION
H.102	CONSERVATIVE PARTY
H.103	CORPORATION OF ABERDEEN: EDUCATION COMMITTEE
H.104-H.122	CRABTREE FOUNDATION
H.123-H.128	DEPARTMENT OF EDUCATION AND SCIENCE: COUNCIL FOR SCIENTIFIC POLICY
H.129-H.140	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH
H.141-H.165	DULWICH FOUNDATION
H.166-H.188	FELL COMPANIES

H.189-H.191	FLETCHER SCHOOL OF LAW AND DIPLOMACY
H.192-H.221	HILGER & WATTS
H.222-H.226	INSTITUTE FOR STRATEGIC STUDIES
H.227	INSTITUTE OF ELECTRICAL MACHINING
H.228-H.230	INSTITUTE OF MEASUREMENT AND CONTROL
H.231-H.266	INSTITUTE OF PHYSICS
H.267-H.310	INTERNATIONAL CONFERENCES ON THE UNITY OF THE SCIENCES and THE UNIFICATION CHURCH
H.311-H.325	LINDEMANN TRUST
H.326	MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM
H.327, H.328	MEMEL, JACOBS, PIERNO, GERSH & ELLSWORTH
H.329-H.339	MINISTRY OF LABOUR AND NATIONAL SERVICE: PHYSICS AND MATHEMATICS ADVISORY COMMITTEE
H.340-H.367	MINISTRY OF POWER: SAFETY IN MINES RESEARCH ADVISORY BOARD
H.368-H.465	MINISTRY OF SUPPLY / AVIATION
H.466-H.489	MINISTRY OF TECHNOLOGY
H.490-H.500	NATIONAL PHYSICAL LABORATORY
H.501-H.513	NUCLEAR SAFETY ADVISORY COMMITTEE

H.514-H.520	OPERATIONAL RESEARCH SOCIETY
H.521-H.524	PARACHUTE 2 CLUB
H.525	PHYSICAL SOCIETY
H.526	POLICY-SEARCH
H.527-H.534	RAND CORPORATION
H.535-H.898	ROYAL SOCIETY
H.899, H.900	ROYAL SOCIETY OF EDINBURGH
H.901-H.903	SCIENCE RESEARCH COUNCIL
H.904	SCIENTIFIC INSTRUMENT MANUFACTURERS ASSOCIATION
H.905, H.906	SOCIETY OF INSTRUMENT TECHNOLOGY
H.907-H.916	STUDY GROUP ON INTELLIGENCE
H.917-H.919	WORSHIPFUL COMPANY OF CLOCK MAKERS
H.920, H.921	WORSHIPFUL COMPANY OF SCIENTIFIC INSTRUMENT MAKERS
H.922	604 SQUADRON ASSOCIATION

H.1-H.11 ASSOCIATION OF OLD CROWS 1981-1996

The Association of Old Crows was an American based society for those working in electronic defence. The Association had a London Chapter (of which Jones was a member), and the London chapter notepaper is also headed 'The Electronic Defence Association'.

H.1 Correspondence, 1981-1993.

H.2 Correspondence and papers *re* visit by Jones to Dallas/Fort Worth, Texas, branch of the Association, 22 April 1982.

H.3 1p typescript (incomplete) of Jones' speech on his 'Admission to the Electronic Warfare Hall of Fame, Washington D.C. 23 May 1984'.

See also G.389-G.395

H.4-H.6 London branch circulars, 1982-1997.

3 folders.

H.7-H.11 UK branch newsletters, 1987-1996.

5 folders.

H.12, H.13 BRITISH ATLANTIC COMMITTEE 1982-1983

Jones served on the Technology Group.

H.12, H.13 Correspondence and papers *re* Technology Group meetings, 1982-1983.

2 folders.

H.14-H.17	BRITISH SCIENTIFIC INSTRUMENT RESEARCH ASSOCIATION (SIRA)	1948-1969
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H.14 Correspondence, 1948, 1957-1958.

Includes correspondence *re* meeting of the Advisory Committee of the *Journal of Scientific Instruments*, 1958.

H.15 Correspondence and papers, 1954, 1956.

Includes material *re* findings of the SIRA Survey Panel (see also D.201, D.202).

H.16 Correspondence, 1960, 1963.

H.17 Correspondence, chiefly *re* SIRA conferences, 1967-1969.

H.18-H.39	BRITISH TRANSPORT COMMISSION	1949-1964, 1969, 1971
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Jones was invited to serve on the Research Advisory Council of the British Transport Commission in 1949. He served as Chairman, 1956-1958. The Commission was dissolved in 1964.

Much of the Council's work related to the operation of the UK rail network.

H.18 Invitation to serve and acceptance, June 1949; university letter of permission, November 1949; Jones' manuscript notes on 'Functions of a Research Advisory Board'.

H.19 Papers of first and second meetings, July and September 1949.

H.20 Minutes of meetings, 1950.

- H.21 Correspondence, September 1950.
- H.22 Papers of meetings, 1951.
- H.23 Papers of meetings, 1952.
- H.24 Correspondence *re* and papers of meetings, 1953.
- H.25 Correspondence *re* and papers of meetings, 1954.
- H.26 Correspondence and papers, 1955.
- H.27 Correspondence, 1956.

Includes correspondence *re* responsibilities of members of the Advisory Council, arising from article and letters in *The Times re* British Railways choice of braking system.
- H.28 Papers of meetings, 1956.
- H.29 Papers of meetings, 1957.
- H.30 Correspondence and papers *re* visit to Thornton Marshalling Yard, 16 April 1957.
- H.31 Miscellaneous correspondence, 1957.
- H.32 Papers of meetings, 1958.
- H.33 Papers of meetings, 1959.

H.34 Correspondence, 1959-1960.

H.35 Papers of meetings, 1960.

H.36 Papers of meetings, and papers sent to Jones for information, 1961.

H.37 Papers of meetings, 1962.

H.38 Brief correspondence *re* dissolution of the Council, March 1964.

H.39 Miscellaneous correspondence, 1969, 1971.

H.40-H.49 CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES 1985-1990

This Center was based at Georgetown University, Washington DC, USA.
Jones was invited to a number of their international meetings.

H.40-H.42 International Leadership Forum, Rome, Italy, 31 October 1985.

H.40 Invitation, correspondence *re* arrangements and Jones' itinerary, 1985.

H.41 Agenda and papers for meeting; Jones' manuscript notes.

H.42 Report of meeting, January 1986.

H.43-H.48 International Leadership Forum, Brussels, Belgium, 3-5 April 1986.

H.43 Correspondence *re* arrangements, 1986.

H.44 Programme, list of participants etc.

H.45 Jones' manuscript notes.

H.46, H.47 Papers given.
2 folders.

H.48 Printed report of meeting, 1986.

H.49 Correspondence, 1989, 1990.

H.50 CENTRE FOR ATLANTIC AND EUROPEAN EDUCATION IN 1983
ECONOMICS

H.50 Invitation to join the Centre, June 1983.

H.51-H.93

CENTRE FOR POLICY STUDIES

1980-1991, n.d.

The Centre for Policy Studies was established in 1974 by Margaret Thatcher and Keith Joseph to serve as a 'think-tank' for the Conservative Party.

Jones was invited to join as a Director in 1983 and was formally voted on to the Board the following year. He stood down in 1988. Jones also served on two of the Centre's Study Groups, those on Defence, which he chaired, and Education.

H.51-H.55 General correspondence

H.56-H.60 Directors' meetings

H.61-H.63 'First Eleven' meetings

H.64, H.65 Other meetings

H.66-H.77 Defence Group

H.78-H.93 Education Study Group

H.51-H.55

General correspondence

1980-1991

H.51 1980-1981.

H.52 1982-1983.

Includes invitation to be co-opted as a Director, November 1983.

H.53 1984.

H.54 1985.

H.55 1986-1991.

H.56-H.60 Directors' meetings 1983-1988

Papers of meetings.

H.56 1983-1984.

H.57 1985.

H.58 1986.

H.59 1987.

H.60 1988.

H.61-H.63 'First Eleven' meetings 1980-1981

The 'First Eleven' met to consider ways in which the Conservative Government could be assisted 'to think strategically'. It met under Sir Alfred Sherman's chairmanship.

Papers of meetings.

H.61 1980.

Includes 'The strategy of revival' by Jones, 4pp typescript, 10 December 1980.

H.62 January, February, April 1981.

H.63	March 1981. Chiefly exploring the idea of 'fireside chats' by the Prime Minister.	
H.64, H.65	Other meetings	1982-1986, n.d.
H.64	Annual meetings, 1983-1985.	
H.65	Miscellaneous meetings and lunches, 1982-1986, n.d.	
H.66-H.77	Defence Group	1982-1985, 1991, n.d.
	The Defence Group met to consider policy options for wider UK and NATO strategy. It was chaired by Jones.	
H.66-H.69	Correspondence <i>re</i> work of the Defence Group, 1982-1985, n.d.	
H.66	1982. Includes 'Defence policy: some questions' by Jones, 2pp, November 1982.	
H.67	1983.	
H.68	1984.	
H.69	1985, n.d.	
H.70	Miscellaneous manuscript notes by Jones, n.d.	

H.71 'Brief from Neil Morgan to Alfred Sherman' updating him of developments with regards to the work of the Defence Group to 29 December 1982.

H.72 'Update: work of the Defence Group Oct 82 - May 83'.

H.73-H.76 Papers of meetings of Defence Group, 1982-1983.

H.73 1982.

H.74 January, March 1983.

H.75 April 1983.

H.76 May-July 1983.

H.77 Correspondence and papers found with preceding, *re* cuts in defence expenditure as a result of the 1991 'Options for Change' White Paper, 1991.

Jones was concerned that the proposed cuts would severely damage the UK's military capabilities.

H.78-H.93 Education Study Group 1981-1988, n.d.

Jones joined this Group in 1981.

H.78 General correspondence, 1981-1985.

Includes Jones' correspondence with Keith Joseph, Secretary of State for Education and Science, *re* 'staff college' system for senior university staff.

- H.79, H.80 Correspondence with F. Naylor, 1984-1985.
- Naylor had been commissioned by the Education Study Group to produce a study on specialist schools, especially technical schools. He asked Jones for his advice and to write a 'Foreword' for the study.
- H.79 Correspondence, 1984-1985.
- Includes 3pp typescript draft of Jones' Foreword.
- H.80 Draft of Naylor's study.
- H.81 Papers *re* Centre for Policy Studies publication 'The Trials of Honeyford', 1985.
- Ray Honeyford was Headmaster of Drummond Middle School, Bradford, Yorkshire, whose dismissal and subsequent vindication in the High Court became a 'cause célèbre'.
- H.82-H.88 Papers of Education Study Group meetings, 1981-1988.
- H.82 1981.
- H.83 February 1982.
- H.84 June 1982.
- H.85 September, October, December 1982.
- H.86 1983.
- H.87 1984.
- H.88 1985-1988.

H.89-H.93 Miscellaneous press-releases, background papers etc prepared for or by members of the Study Group, 1982-1985, n.d.

5 folders.

H.94, H.95 'THE CERCLE' 1985-1991

'The Cercle' was an informal international group who met to discuss international relations.

H.94, H.95 Correspondence, chiefly with Julian Amery MP, re meetings of 'The Cercle'.

The correspondence also includes exchanges with Amery on general matters of defence and anti-terrorism policy.

H.94 1985, 1986.

H.95 1987-1991.

H.96-H.101 CITY OF LONDON SQUADRON ASSOCIATION 1958-1997

The City of London (600) Royal Auxiliary Air Force Squadron was disbanded in 1957. Jones became an Honorary Member of the Association in 1958.

H.96 Honorary membership, 1958.

H.97 Published booklet on the history of the squadron, 1985.

H.98 Correspondence, chiefly re a new history of the squadron by H. Onderwater, 1996-1997.

Jones wrote a foreword for the history.

H.99-H.101 Association newsletters, 1968-1996.

Not a complete sequence.

3 folders.

H.102 CONSERVATIVE PARTY 1988

Jones was also closely involved with the Conservative Party think-tank, the Centre for Policy Studies, see H.51-H.93.

H.102 Invitation to participate in the Conservative Party's Academic Liaison Programme, 2 March 1988.

H.103 CORPORATION OF ABERDEEN: EDUCATION COMMITTEE 1967

H.103 Draft minute of 'Technology Fair' Committee meeting of 25 January 1967.

H.104-H.122 CRABTREE FOUNDATION 1954-1996, n.d.

The members of the Crabtree Foundation met from 1954 for an annual dinner at University College London in honour of the otherwise obscure poet and scientist W.J. Crabtree (1754-1854). An oration was given on the occasion, which was privately printed for circulation among members.

Jones gave the Crabtree oration in 1957 on Crabtree and Science. He was President of the Foundation in 1958.

The material is chiefly invitations to Crabtree dinners and related correspondence and correspondence with other members of the Crabtree Foundation. At H.114 are dinner menus and at H.115-H.122 copies of some of the Crabtree orations.

H.104-H.113	Correspondence, 1955-1996, n.d.
H.104	1955-1958. Includes correspondence <i>re</i> Jones' Oration, 1957, and correspondence from F. Norman, Professor of German at King's College London <i>re</i> Second World War reminiscences, 1958.
H.105	1960-1965.
H.106	1966-1969.
H.107	1970-1972.
H.108	1973. Includes list of members of the Foundation.
H.109	1974-1979.
H.110	1980-1982.
H.111	1983-1988.
H.112	1989-1994.
H.113	1995-1996, n.d.
H.114	Dinner menus, 1956-1992.

H.115-H.122 Orations.

H.115 1954, 1956.

H.116 1963, 1971.

H.117 1983.

H.118 1984.

H.119 1990.

H.120 1991.

H.121 1994.

H.122 1996.

H.123-H.128 DEPARTMENT OF EDUCATION AND SCIENCE: 1965-1968
COUNCIL FOR SCIENTIFIC POLICY

Jones served on a Working Party on Liaison between Universities and Government Research Establishments, chaired by Sir Gordon Sutherland.

H.123 Correspondence and papers, 1965.

Includes invitation to serve and interim Working Party report, October 1965.

- H.124 Correspondence, January-August 1966.
- Includes information on the relation between universities and government research in the USA.
- H.125 First draft of Jones' report 'Government Establishments and Universities in America', 4 May 1966.
- H.126 First draft of Working Party report, October 1966.
- H.127 Correspondence and papers, chiefly *re* Jones' suggested amendments to the report, October, November 1966.
- H.128 Letter *re* distribution of the Working Party's report in the USA, 29 February 1968.
- H.129-H.140 DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH (DSIR) 1955-1957, 1994**
- Jones was a member of the DSIR's Scientific Grants Committee and chaired its Physics Sub-Committee 1955-1956. He also served on the Postgraduate Training Grants Committee which replaced the Scientific Grants Committee and which first met in 1957. For Science Research Council material see H.901-H.903.
- H.129 Correspondence *re* work of the Scientific Grants Committee and the Physics Sub-Committee, 1955.
- H.130 Correspondence, 1956.
- Also includes copy of letter to J. Heslop-Harrison *re* E. Ashby's chairmanship, 10 February 1994.
- H.131, H.132 Papers of meeting of Physics Sub-committee, 15 May 1956.
- 2 folders.

- H.133 Minutes of meeting of Scientific Grants Committee, 19 July 1956.
- H.134 Papers of first meeting of the Postgraduate Training Grants Committee, 22 November 1956.
- H.135-H.137 Papers of meeting of the Postgraduate Training Grants Committee, Selection Subcommittee for Physics, 1 May 1956.

3 folders
- H.138 Correspondence and papers arising from the Selection Subcommittee for Physics meeting, May 1956.

Jones wrote a memorandum to the main Committee drawing attention to some difficulties it was experiencing.
- H.139 Papers of meeting of the Postgraduate Training Grants Committee, 16 May 1957.
- H.140 Manuscript notes, ca 1956.

H.141-H.165

DULWICH FOUNDATION

1963-1991

Jones won a scholarship to Alleyn's School, Dulwich in 1922. In 1965 he was appointed a Royal Society representative on the Board of Governors of the Dulwich Foundation, which covered both Alleyn's School and Dulwich College. Jones served several terms to 1979. He was also President of the Alleyn Old Boys Club 1966-1968.

Correspondence and papers *re* Old Boys Club events, Governors' meetings, appointments, school appeals, etc.

The bulk of the material is related to Alleyn's School rather than Dulwich College.

- H.141 1963-1965.

- H.142 9pp duplicated typescript of Jones' 'Prizegiving Address at Alleyn's School, Dulwich', 3 October 1965.
- H.143 Papers of meeting of Governors' Standing Committee on the future of the two Schools, 20 January 1966.
- H.144 Correspondence, January-September 1966.
Includes invitation to serve as President of the Alleyn Old Boys Club.
- H.145 Correspondence and papers *re* appointment of new headmasters at Dulwich College and Alleyn's School, October-November 1966.

The appointments caused some disquiet, particularly among those connected with Alleyn's School, and Jones was asked to make representations to the Board of Governors.
- H.146 Correspondence *re* Old Boys Club, December 1966-May 1967.
- H.147 Correspondence, chiefly *re* headmastership and effect of Leasehold Reform Bill on school finances, June-November 1967.
- H.148 Correspondence *re* Old Boys Club, October-November 1967.
- H.149 Correspondence, 1968.
- H.150 Papers of meeting of the Governors' Standing Committee on the future of the two Schools, 15 October 1968.
- H.151 Correspondence, chiefly *re* Old Boys Club, January - June 1969.
- H.152 Papers from Governors' meeting, June 1969.

- H.153 Correspondence with J.L. Fanner *re* future of Alleyn's School, November 1969.
- H.154 Copy of 'Dulwich College Notes for Masters', November 1969.
- H.155 Correspondence, chiefly *re* financial position of Alleyn's School, March-November 1970.
- H.156 Correspondence *re* Presidency of the Old Boys' Club, March 1970.
- H.157 Correspondence, 1971.
- H.158 Papers from Governors' meeting, 1971.
- H.159 Correspondence, 1972-1973.
- H.160 Correspondence and papers, 1974.

Includes papers *re* structure of the Governors' of Dulwich College and Alleyn's School.
- H.161 Correspondence and papers, 1975.
- H.162 Papers for Governors' meetings, 1976.
- H.163 Correspondence, 1976-1977.
- H.164 Correspondence, 1978-1979.

Includes invitation (accepted) to be President of the Dulwich College Science Society for 1979.

H.165 Correspondence, chiefly *re* appeals, 1980-1991.

H.166-H.188

FELL COMPANIES

1965-1996

Jones became Scientific Adviser to A. & M. Fell Ltd, in 1967. The company group also included A. & M. Fell (Manufacturing) Ltd, K. & S. Fell Sales (UK) Ltd and Fell Avionics.

The material includes papers for Directors' 'Progress' meetings, correspondence *re* company policy etc, copies of press coverage and company press-releases.

At H.184-H.188 is personal correspondence with R.A. Fell, the founder of the company, and others, found with the company material.

H.166-H.169 Company correspondence

H.170-H.178 Directors' meetings

H.179 Press coverage

H.180-H.183 Press releases

H.184-H.188 Personal correspondence

H.166-H.169

Company correspondence

1967-1970

H.166 1967.

H.167 1968.

H.168 1969.

H.169 1970.

H.170-H.178

Directors' meetings

1967-1970

With the exception of the Annual Meeting at H.174, these are all agenda, minutes and papers for 'Progress' meetings of the Directors. Generally there was one per month.

H.170 September-December 1967.

H.171 January-March 1968.

H.172 April-July 1968.

H.173 February-March 1969.

H.174 April-August 1969.

H.175 September 1969.

H.176 October, December 1969.

H.177 February-April 1970.

H.178 May, July 1970.

H.179	Press coverage	1969
H.179	Photocopies of cuttings from newspapers and trade magazines, April-July 1969.	
H.180-H.183	Press releases	1968-1970
H.180-H.183	Press releases from A. & M. Fell (Manufacturing) Ltd, K. & S. Fell Sales (UK) Ltd and Fell Avionics, 1968-1970. In chronological order. 4 folders.	
H.184-H.188	Personal correspondence	1965-1996
	R.A. Fell was acquainted with Jones prior to his inviting him to become Scientific Adviser. The correspondence from 1983 is post-retirement letters, chiefly relating to Fell's project to build a planetarium clock and an English-style carriage clock. After Fell's death in December 1988 Jones maintained contact with the family.	
H.184	1965, 1975.	
H.185	1983.	
H.186	1984.	
H.187	1985-1988. Includes copies of correspondence between Fell and D. McNally of the University of London Observatory.	

H.188 1989-1996.

H.189-H.191 FLETCHER SCHOOL OF LAW AND DIPLOMACY 1980-1993

The Fletcher School was part of Tufts University, Medford, Massachusetts. Jones was a member of its Advisory Council to the Program in International Security Studies.

Principally correspondence *re* meetings of the Council.

H.189 1980-1981.
Includes invitation to serve.

H.190 1982-1984.

H.191 1985-1993.

H.192-H.221 HILGER & WATTS 1964-1979

Jones became a consultant for Hilger & Watts, the scientific instrument manufacturers, in December 1964. In 1963 he had turned down an offer to become their Director of Research.

In 1968 Hilger & Watts merged with Rank Taylor Hobson to become Rank Precision Industries Ltd. Jones was retained as a consultant to 1971.

The material includes Jones' reports on visits to Hilger & Watts, correspondence arising concerning particular Hilger & Watts projects and notes of meetings held to discuss projects.

At H.218 are orders of equipment from Hilger & Watts. At H.219, H.220 there is correspondence and papers *re* the construction of crystal furnaces for Hilger & Watts at Aberdeen, 1965-1968, and at H.221 correspondence *re* the use of the crystal growing furnaces by Rank Precision Industries, 1968-1970.

- H.192 Correspondence *re* consultancy, 1964.
- H.193 6pp typescript 'Report on visit - 16th-18th December, 1964' by Jones.
- H.194 Minutes of meeting, 6 January 1965; 3pp duplicated typescript 'Notes on the visit of Professor R.V. Jones 5th and 6th January, 1965'.
- H.195 Papers of meeting on the Hilger & Watts Ruling Engine, January 1965.
- H.196 Correspondence and papers, January-May 1965.
- H.197 13pp typescript report of visit by Jones to Hilger & Watts, April 1965.

The report is not continuously paginated but arranged by topic.
- H.198 4pp typescript report on 'Visit 8th-10th September 1965' by Jones; 2pp typescript 'Notes on a visit by Professor R.V. Jones, FRS. 8th, 9th and 10th September, 1965' by J.R. Stansfield.
- H.199 Correspondence, October-December 1965.
- H.200 19pp typescript 'Report on Visit - 4th, 5th and 6th January, 1966' by Jones; minutes of 'Diffraction Grating Ruling Engine' design committee meeting, 5 January 1966.

Jones visited Hilger & Watts works at Roding, Camden Town and Camberwell. His report is not continuously paginated but arranged by topic.
- H.201 Correspondence and papers, 1966.

Includes material *re* possible merger between Hilger & Watts, A.E.I. Scientific Apparatus Department and Cambridge Instrument Company.

- H.202 11pp typescript 'Notes on a Visit to Hilger & Watts Ltd 26th to 28th April 1966' by Jones.
- Jones visited Hilger & Watts works at Roding, Highbury, Camden Town and Camberwell.
- H.203 8pp typescript report by Jones on visit to Hilger & Watts in September 1966 and thoughts on competition from Pilkington Perkin-Elmer. November 1966.
- H.204 25pp typescript report on 'R.V.J. H.W. visits 12.12.66 and 2-4.1.67'.
- The report is not continuously paginated but arranged by topic.
- H.205 Manuscript notes by Jones, December 1966, January 1967; minutes of 'Diffraction Grating Ruling Engine' meeting, 3 January 1967.
- H.206 Correspondence, January-May 1967.
- Includes correspondence *re* problems with Hilger & Watts auto-indexing theodilite.
- H.207 Correspondence, June-December 1967.
- Includes correspondence with I. Maddock, Controller, Industrial Technology, Ministry of Technology, *re* crystal-growing.
- H.208 14pp typescript report on 'R.V.J./H.W. visits 14, 15.9.67'.
- The report is not continuously paginated but arranged by topic.
- H.209 Information on Hilger & Watts 'Proposed automatic equipment for micro-etching masks [...]', September 1967; notes of meeting on electro optics, 15 September 1967.
- H.210 Minutes of 'Diffraction Grating Ruling Engine' meeting, 16 November 1967.

- H.211 8pp typescript 'Report for period October 1967 to January 1968' by Jones, with photocopied material found therewith.
- H.212 'Notes on meeting held at Camberwell on 11th January 1968', to discuss Hilger & Watts equipment.
- H.213 Correspondence, February-December 1968.

Includes correspondence *re* possible advisers in the field of short range surveying equipment.
- H.214 Material *re* Hilger & Watts merger with Rank Taylor Hobson, June 1969.
- H.215 Correspondence, 1969.
- H.216 Correspondence, 1970-1971.
- H.217 Correspondence *re* patent rights in interferometer, 1979.
- H.218 Orders of equipment from Hilger & Watts, 1964, 1965, 1972.
- H.219, H.220 Construction of crystal growing furnaces at Aberdeen University for Hilger & Watts, 1965-1968.
- H.219 Correspondence and papers, 1965-1968.

Includes notes on progress, calculations of costs etc.
- H.220 Blueprint of furnaces.
- H.221 Correspondence with Rank Precision Industries Ltd *re* use of Aberdeen crystal growing furnaces, 1968-1970.

H.222-H.226 INSTITUTE FOR STRATEGIC STUDIES 1959-1973, n.d

Jones was elected a member of the Institute in 1959.

H.222 Correspondence and papers, 1959.

Includes notification of election and articles of association.

H.223 Correspondence and papers, 1964-1965.

Includes papers of meetings of University of Aberdeen Military Education Committee Sub-Committee on Defence Studies, 1964.

H.224 Correspondence *re* membership, 1966-1968.

H.225 Correspondence and papers, 1971-1973.

H.226 Miscellaneous papers, n.d.

Includes memorandum on 'Strategic studies in British Universities', and list of members.

H.227 INSTITUTE OF ELECTRICAL MACHINING 1982-1983

Jones was a founder member.

H.227 Correspondence and papers *re* establishment of the Institute, 1982-1983.

H.228-H.230 INSTITUTE OF MEASUREMENT AND CONTROL 1968-1983

H.228 Correspondence, 1968, 1973.

H.229 Correspondence and papers, 1975.
Includes material *re* petition for and award of Royal Charter.

H.230 Correspondence, chiefly *re* meetings, 1976-1983.

H.231-H.266

INSTITUTE OF PHYSICS

1955-1996

For material relating to the interest of the Institute of Physics in university education of physicists, including the Joint Royal Society/Institute of Physics and Physical Society Working Party on the relationship between university education in physics and the needs of industry, see F.136-F.139.

See also H.525 for Physical Society material.

H.231-H.237 General correspondence

H.238 Advisory Committee of the *Journal of Scientific Instruments*

H.239-H.243 Committee on Postgraduate Training

H.244-H.265 Committee on Problems facing University Physics Departments

H.266 Editorial Board of *Physics Education*

H.231-H.237

General correspondence

1955-1996

Includes correspondence *re* lectures to branches of the Institute of Physics, articles submitted by Jones for publication, education of physicists, applications for membership etc.

H.231 1955-1957.

H.232 1958-1959.

H.233 1960-1962.

H.234 1965-1967.

H.235 1970-1973.

H.236 1979-1980.

H.237 1987-1996.

H.238 Advisory Committee of the *Journal of Scientific Instruments* 1955-1958

Jones joined the Committee in 1955.

H.238 Correspondence, 1955-1958.

Includes agenda of the annual meeting of the Committee, 12 June 1956.

H.239-H.243 Committee on Postgraduate Training 1956-1961

This was established in 1958 as a joint committee of the Institute of Physics and the Physical Society. It reported in 1960.

H.239 Correspondence and papers *re* establishment and first meeting of the Committee, 1958.

Includes 2pp duplicated typescript 'The purpose of postgraduate training' by Jones, April 1958.

- H.240 Correspondence *re* postgraduate committee, January 1960.
- H.241 Committee report 'The Postgraduate Training of Physicists in British Universities', 23pp duplicated typescript + appendix, March 1960.
- H.242 Committee report 'The Ph.D. in Physics in British Universities', 19pp duplicated typescript + appendix, n.d.
- H.243 8pp duplicated typescript note on 'The fate of Ph.D. physicists' by A.W. Merrison, 1961.
- H.244-H.265 Committee on Problems facing University Physics Departments 1960-1964, 1993**
- This Committee was formed in response to growing concern, surveyed in the first instance by Jones through informal enquiries, that it was becoming difficult for University Physics Departments to recruit suitable staff for lower level academic posts.
- The Committee was established in 1961 and met until 1964. It was chaired by Jones. Its main activity was the preparation of a submission for the Enquiry of the Committee on Higher Education (Robbins Enquiry). The final report of the committee *Problems facing University Physics Departments* was presented in 1963.
- H.244 Correspondence from University Physics Departments *re* recruitment situation, December 1960-February 1961.
- H.245 Duplicated typescript 'digest' of replies received, sent to the Secretary of Marischal College, University of Aberdeen, 18 January 1961.
- See also C.22.
- H.246 Correspondence *re* results of Jones' survey and establishment of the Committee, January-May 1961.

- H.247 Papers for first meeting of the Committee, 25 May 1961.
- H.248 Papers for meeting of the Committee, 13 July 1961.
- H.249 Minutes of meetings of the Committee, 26 September, 24 October and 9 November 1961.
- H.250 Correspondence, December 1961.

Includes draft by Jones of the Committee's initial submission to the Robbins Enquiry.
- H.251 Jones' manuscript notes, 1961.
- H.252 11pp duplicated typescript of evidence to the Robbins Enquiry, 3 January 1962.

This was presented by Jones, C.C. Butler and N. Clarke.
- H.253 'Higher Education in Physics (A statement prepared on behalf of the Council of the Institute and Society for submission to the Committee on Higher Education', January 1962.

This was published in the February 1962 issue of *Physics Bulletin*.
- H.254 Minutes of meetings of the Committee, 19 January and 16 February 1962.
- H.255 Correspondence, January-April 1962.

Includes copies of criticisms of the Committee's views and suggested responses thereto.
- H.256 Invitations to and papers of meeting of the Committee, 17 May 1962.

This meeting was held to consider what further evidence should be presented to the Robbins Enquiry. Jones invited a number of other prominent physicists to give their views at the meeting.

- H.257 Correspondence, May-October 1962.
- H.258 Correspondence with W.C. Lister, National Institute for Medical Research, *re* salary scales, October 1962.
- H.259 Correspondence, chiefly *re* draft of final report of the Committee, April-July 1963.
- H.260 Proof copy of *Problems facing University Physics Departments* (London, 1963).
- H.261 Correspondence, August-December 1963.
- H.262 Papers of meeting of Committee, 17 December 1963.
- H.263 Correspondence and papers, 1964.
Includes agenda of Committee meeting 7 January 1964.
- H.264 Jones' manuscript and typescript notes and pages of drafts, found with preceding material.
- H.265 Exchange with Sir Brian Pippard *re* history of the Committee, March 1963.
- H.266 Editorial Board of *Physics Education* 1969, 1970**
- H.266 Invitation and reminder only, 1969, 1970.

H.267-H.310	INTERNATIONAL CONFERENCES ON THE UNITY OF THE SCIENCES and THE UNIFICATION CHURCH	1974-1988
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H.267-H.290	International Conferences on the Unity of the Sciences
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H.291-H.310	Unification Church
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H.267-H.290	International Conferences on the Unity of the Sciences	1974-1988
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Jones attended five of these conferences, largely supported by the Unification Church of Sun Myung Moon through the International Cultural Foundation. Although the participants at the conferences attracted criticism as the activities of the Church attracted growing concern, Jones maintained that attendance did not indicate support for the Unification Church and that they were valuable occasions in their own right.

He withdrew from the conferences from 1979, concerned that the Unification Church was encouraging British students who joined the Church to give up their university courses and in some cases break contact with their families. See the Unification Church (H.291-H.310 below).

H.267-H.271 Third Conference on Science and Absolute Values, London, 21-24 November 1974.

Jones gave the Closing Address.

H.267 Invitation and correspondence *re* arrangements and arising, June 1974-January 1975.

H.268 Detailed programme; list of participants.

H.269 Conference handbook; introductory brochure.

H.270 Manuscript draft and 12pp typescript copy of Jones' Closing Address.

- H.271 Printed copy of Moon's 'Founder's Address'.
- H.272-H.275 Fourth Conference on the Centrality of Science and Absolute Values, New York, USA, 27-30 November 1975.

Jones served on the International Advisory Board and was Moderator of the Opening Plenary Session.
- H.272 Invitation and correspondence *re* arrangements, January-October 1975.
- H.273 Conference Programme.
- H.274 Jones' manuscript notes on the opening session; typescript words of introduction to Jones.
- H.275 Printed copy of Moon's 'Founder's Address'.
- H.276-H.280 Fifth Conference on the Search for Absolute Values: Harmony among the Sciences, Washington DC, USA, 26-28 November 1976.

Jones served on the International Advisory Board and spoke on 'How far has twentieth century physics changed Man's concept of the universe?'
- H.276 Correspondence *re* arrangements and arising, August 1976-January 1977.
- H.277 Conference Programme.
- H.278 18pp duplicated typescript of Jones' contribution.
- H.279 Conference Abstracts.
- H.280 15pp duplicated typescript of 'The mechanism of knowledge: limits to prediction' by J.W.S. Pringle, with 5pp typescript comments by B.D. Josephson.

- H.281 Correspondence and programme *re* International Cultural Foundation Jubilee Celebrations, London, 20 June 1977.
- Jones and K. Mellanby received awards from the International Cultural Foundation for their participation in the Conferences.
- H.282-H.286 Sixth Conference on the Search for Absolute Values in a Changing World, San Francisco, USA, 25-27 November 1977.
- Jones was Moderator of the session on 'Towards a theory of Man'.
- H.282 Correspondence *re* arrangements, January-November 1977.
- H.283 Conference Programme.
- H.284 List of participants.
- H.285 Jones' manuscript notes.
- H.286 Printed copy of Moon's 'Founder's Address'.
- H.287-H.289 Seventh Conference on Absolute Values and Motivation, Boston, USA, 25-27 November 1978.
- Jones gave the opening speech at the conference.
- H.287 Correspondence *re* arrangements and arising, July 1978-August 1979.
- H.288 Manuscript notes for and 4pp typescript of Jones' opening speech.
- H.289 Printed copy of Moon's 'Founder's Address'; two photographs of the conference (both feature Jones).

H.290 Miscellaneous correspondence, 1977-1988.

Includes invitations to attend later conferences, which Jones declined, and manuscript notes by Jones on 'Technology and Peace' found therewith, 1988.

H.291-H.310

Unification Church

1977-1988

From 1977 there was increasing concern about the activities of the Unification Church (popularly known as 'Moonies') in recruiting young people. Allegations included those of 'brain-washing' and mental cruelty.

While Jones, having taken advice, was sceptical of these allegations, he was concerned that the Church was encouraging British students to abandon their university courses. In October 1979 he wrote to Moon telling him that he could no longer attend the International Conferences until this practice stopped.

Jones was contacted by a number of worried parents and used his contacts with the Church to try to persuade the Church that it was in its own best interests and those of the students, to encourage them to return home.

H.291-H.308

Correspondence, chiefly with parents, officials of the Unification Church in the UK and the US, a number of the students concerned, and others concerned about the activities of the Church, 1977-1988.

H.291

1977-1978.

H.292

January-February 1979.

H.293

March-June 1979.

H.294

October 1979.

H.295

November, December 1979.

H.296

January, February 1980.

H.297	March 1980.
H.298	April, May 1980.
H.299	June, July 1980.
H.300	August, September 1980.
H.301	October, November 1980.
H.302	December 1980.
H.303	January-March 1981.
H.304	April-June 1981.
H.305	July-September 1981.
H.306	November, December 1981.
H.307	1982.
H.308	1983-1988.
H.309	Newspaper cuttings and photocopies. Includes material featuring Jones.

H.310 Statements *re* alleged police harassment of members of the Unification Church etc, 1978-1979.

H.311-H.325

LINDEMANN TRUST

1971-1994

The Lindemann Trust was set up under the Will of Charles Lionel Lindemann to provide Fellowships in the physical sciences. It was administered by the English-Speaking Union. Jones was a Trustee representing Wadham College, Oxford from 1971 to 1994.

H.311 Correspondence *re* establishment of the Trust, 1971.

Jones was asked to write a short biographical piece on Lindemann for the Trust.

H.312-H.321 Papers of Trustees meetings, 1971-1994.

The Trustees met to select recipients of the Fellowships and review the sums awarded.

H.312 2 June 1971, 30 November 1971, 5 January 1972.

H.313 3 January 1973, 1 February 1974, 17 January 1975.

H.314 14 January 1976, 12 January 1977.

H.315 10 January 1978, 10 January 1980, 14 January 1981.

H.316 13 January 1982, 13 January 1983.

H.317 12 January 1984, 19 January 1985.

H.318 9 January 1986, 13 January 1987.

H.319 12 January 1988, 10 January 1989.

H.320 9 January 1990, 8 January 1991.

H.321 7 January 1992, 6 January 1993, 6 January 1994.

H.322 Correspondence *re* application, 1975.

H.323 Correspondence *re* candidates, 1976-1977.

H.324 Correspondence *re* Trust affairs, 1982-1994.

H.325 Copies of Lindemann Trust leaflets, 1974-1994.

H.326 MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM 1991

H.326 One letter only, *re* subscription, February 1991.

H.327, H.328 MEMEL, JACOBS, PIERNO, GERSH & ELLSWORTH 1986-1987

This US law firm retained Jones as an expert during a lawsuit over the patenting of a flow meter.

H.327 Correspondence and papers, 1986-1987.

H.328 Copies of US and UK patents.

H.329-H.339

**MINISTRY OF LABOUR AND NATIONAL SERVICE:
PHYSICS AND MATHEMATICS ADVISORY COMMITTEE**

1948-1957

This committee, chaired by Sir Lawrence Bragg, was established in 1949 to give advice to government on questions connected with the career and employment of graduates in mathematics and physics.

- H.329 Letter and paper on output and demand for physicists, December 1948.
- H.330 Report of the Technical Personnel Committee Physicists' Sub-Committee on present and future demands for physicists, January 1949.
- H.331 Correspondence *re* and minutes of first meeting of Physics and Mathematics Advisory Committee, 7 December 1949.
- H.332 Duplicated and typescript background material, 1949-1950.
- H.333 Correspondence *re* the Physics Manpower Enquiry, 1950.
- H.334 'Progress Report for the Physics and Mathematics Section of the Technical and Scientific Register, for the period November, 1949 to March, 1951'.

This reports on the work of the committee.
- H.335 'Progress Report for the Physics and Mathematics Section of the Technical and Scientific Register for the period March 1952 to April 1953'.
- H.336 'Progress Report for the Physics and Mathematics Section of the Technical and Scientific Register, for the period May 1953 to April 1954'.
- H.337 5pp letter from Jones to Sir Lawrence Bragg *re* the effect of national service on supply of physicists, with Bragg's reply, June 1954.

H.338 'Progress Report for the Physics and Mathematics Section of the Technical and Scientific Register, for the period May 1954 to April 1955'.

H.339 Correspondence, 1956-1957.

H.340-H.367

**MINISTRY OF POWER:
SAFETY IN MINES RESEARCH ADVISORY BOARD**

1950-1960

The Board was established in 1950, under the chairmanship of E.G. Fudge. Its terms of reference were to keep under review and advise on the general scope, organisation and progress of research work on safety in mines. Jones was a member from 1950 (Chairman from 1956) to 1960, when he resigned through pressure of other commitments.

H.340 Papers of the first meeting, 4 April 1950.

H.341 Minutes of meetings, 5 July and 4 October 1950.

H.342 Papers of meeting, 3 January 1951.

H.343 Minutes of meetings, 4 April, 11 July and 4 October 1951.

H.344 Papers of meetings, 2 January and 3 April 1952; letter from chairman (E.G. Fudge) in reply to Jones' belated apologies for absence, 8 April 1952.

H.345 Papers of meetings, 15 September 1952 and 16 March 1953.

H.346 Correspondence, chiefly *re* methods and instruments for detection of methane, 1953-1954.

H.347 Papers of meetings, 3 June and 29 September 1954.

- H.348 Correspondence, chiefly *re* drilling hard rocks, 1955.
- H.349 Papers of meeting, 5 October 1955.
- H.350 Correspondence and papers, chiefly *re* chairmanship and meeting with Sir John Maud, Permanent Secretary to the Ministry of Fuel and Power, January-April 1956.
- Jones was reappointed to the Board and took over as chairman.
- H.351 Correspondence, May-June 1956.
- Includes correspondence *re* the Advisory Board's initial response to a letter from Sir John Maud of 25 May, in which he set out issues that the Minister for Fuel and Power wished to see considered by the National Coal Board's research programme.
- The Advisory Board's response to this letter was to occupy it for a year.
- H.352 Minutes of meeting, 1 June 1956.
- H.353 Correspondence, July 1956.
- H.354 Papers of meeting, 26 September 1956.
- Includes manuscript and typescript notes by Jones.
- The meeting considered a draft full reply to Maud's letter of 25 May (H.351).
- H.355 Correspondence, January-February 1957.
- H.356 Papers of meeting, 14 February 1957; exchange *re* postponement of the meeting from December 1956.

- H.357 Correspondence, March-April 1957.

Includes Jones' redraft of the Board's reply to Maud's letter and response thereto.
- H.358 Papers of meeting, 26 April 1957.
- H.359 Correspondence, May-August 1957.

Includes letter from Maud, 25 May, with issues arising from the National Coal Board's proposed research programme, and reply from Jones on behalf of the Advisory Board, 26 August.
- H.360 Papers of meetings, 18 July and 25 October 1957.
- H.361 Correspondence and papers, October-December 1957.

Includes 4pp typescript note 'On the behaviour of Methane in a ventilation air flow' by P. Bakke, December 1957 and 4pp typescript 'Infra-red methanometry' by ?Jones, n.d.
- H.362 Papers of meetings, 14 February and 6 June 1958.
- H.363 Correspondence, March-October 1958.

Includes letter from Maud, 31 March, with issues arising from the National Coal Board's proposed research programme, and reply from Jones on behalf of the Advisory Board, 10 September.
- H.364 Papers of meeting, 7 January 1959.
- H.365 Correspondence, 1959.
- H.366 Minutes of meetings, 13 April, 20 July and 19 November 1959.

H.367 Correspondence *re* Jones' resignation from the Advisory Board, 1960.

H.368-H.465

MINISTRY OF SUPPLY / AVIATION

1949-1978

Jones served on a number of Ministry of Supply bodies in the 1950s. When the Ministry of Supply was dissolved in 1960, the research and development establishments concerned with radar, communications and electronics became part of the Ministry of Aviation. The Advisory Council on Scientific Research and Technical Development was moved to the War Office, with the exception of the Radar and Signals Advisory Board (H.372-H.384) which was replaced by a new Electronics Research Council (ERC), with wider responsibilities.

H.368-H.371 Advisory Council on Scientific Research and
Technical Development

H.372-H.384 Radar and Signals Advisory Board

H.385-H.421 Electronics Research Council

H.422-H.465 Infra-Red Committee

H.368-H.371

**Advisory Council on Scientific Research and Technical
Development**

1949-1958

The Advisory Council was established with the following terms of reference:
'1) To consider and initiate new proposals for research and development and to review research and development in progress in Ministry of Supply Establishments in relation to the most recent advances in scientific knowledge.
2) To advise on scientific and technical problems referred to them.
3) To make recommendations regarding the most effective use of scientific personnel for research and development.
4) To report to the Minister of Supply.'

Jones served on the Advisory Council from 1952 to 1955. He was appointed to the Advisory Council's Radar and Signals Board in 1955 (see H.372).

- H.368 Correspondence, 1950-1957.
Includes correspondence *re* his membership of the Advisory Council.
- H.369-H.371 Copies of the Advisory Council's 'Terms of Reference and Constitution of Council, its Boards and Committees'.
- H.369 1949.
- H.370 1954.
- H.371 1958.
- H.372-H.384 Radar and Signals Advisory Board 1952-1960**
- The terms of reference of the Board were:
'1) To review and advise on radar and signals research and development carried out in the Ministry of Supply and extra-murally for that Ministry.
2) To report to the Advisory Council on Scientific Research and Technical Development'.
- Jones served from 1955. It was wound up with the abolition of the Ministry of Supply and replaced by the Electronics Research Council of the Ministry of Aviation (see H.385-H.421).
- H.372 Correspondence 1953-1957.
- H.373-H.384 Papers circulated to the Radar and Signals Advisory Board, 1952-1960.
The majority of these papers were prepared by members of staff of the Telecommunications (later Radar) Research Establishment (TRE/RRE), Great Malvern, Worcestershire, the Royal Aircraft Establishment (RAE), Farnborough, Hampshire, or the Signals Research and Development Establishment (SRDE) Christchurch, Hampshire.
- H.373 'Proposals for a balloon borne radar for the detection of low flying aircraft', TRE Memo No.579, February 1952.

- H.374 'A review of research and development on non-metallic mine detection', SRDE report No.1061, August 1952.
- H.375 'Some notes on the problem of a "Safe" bomber', RAE Technical Note Rad. 568, May 1954.
- H.376 'Report on the symposium, on aircraft radar echoing areas and their possible effect on the future design of aircraft, held at R.A.E. Farnborough, on 24th February, 1955', RAE Report Radio/XW/2/5.
- H.377 'The echoing areas of window and aircraft', RAE Technical Note Rad. 593, February 1955.
- H.378 'A study of the efficacy of radio countermeasures in the Second World War', RAE Report Rad. 238, May 1951.

Sent to Jones, September 1955.
- H.379 'A proposed electronic system for tactical strike/reconnaissance aircraft G.O.R.339', RRE Technical Note No.631, January 1958.
- H.380 'Report of the Working Party on Flame Attenuation', November 1958.
- H.381 'A brief survey of known submerged submarine detection methods with an indication of the order of detection range obtainable. Prepared by the M.O.S. for the Radar and Signals Advisory Board', September 1959.
- H.382 'A study of O.R.3044 for a navigation, bombing, reconnaissance and flight control system for a strike reconnaissance aircraft', RAE Technical Note IAP 1087, January 1958.

Sent to the Board, September 1959.
- H.383 'Note on waves through gases at pressures small compared with the magnetic pressure, and on possible consequences for the passage of missiles through the ionosphere', RAE Technical Memo. DIR 2, February 1960.

H.384 'Ionospheric phenomena associated with Black Knight firings', RAE Radio/J1/7, February 1960.

H.385-H.421

Electronics Research Council

1960-1978

When the Ministry of Supply was dissolved in 1960, the research and development establishments concerned with radar, communications and electronics became part of the Ministry of Aviation.

The Advisory Council on Scientific Research and Technical Development was moved to the War Office, with the exception of the Radar and Signals Advisory Board (H.372-H.384) which was replaced by a new Electronics Research Council (ERC), with wider responsibilities.

Its terms of reference were:

- '1) To consider and initiate new proposals for research and development and to review research and development in progress on electronics and allied subjects in Ministry of Aviation Establishments in relation to the most recent advances in scientific knowledge.
- 5) To advise on scientific and technical problems referred to it.
- 6) To make recommendations regarding the most effective use of scientific personnel for research and development in the fields with which it is concerned.
- 7) To report to the Minister of Aviation'.

The first Chairman was B.V. Bowden, he was succeeded by Jones in 1964. Jones' chairmanship was renewed for 1967-1970 when the newly founded Ministry of Technology took over the ERC.

The material is chiefly minutes of ERC meetings and correspondence with Ministers, members of the ERC, Government Ministers and officials. At H.410-H.413 are copies of the ERC's 'Constitution, Terms of Reference and Membership of Council and its Committees' and ERC Annual Reports 1960-1969, are at H.414-H.421.

For correspondence and papers *re* the ERC's Working Party on the relationship between the universities and industry in electronics, 1967-1968, see F.134.

H.385

Correspondence, 1960-1961.

Includes invitation to join the ERC, May 1960, and correspondence with B.V. Bowden *re* physics at the Radar Research Establishment.

- H.386 Correspondence, 1962-1963.
- Includes 8pp photocopied typescript letter from Jones to the Minister of Aviation, *re* advice on supersonic aircraft arising from discussion, 22 September 1962.
- H.387 Minutes of meeting of the ERC, 10 December 1963.
- H.388 Correspondence and papers, 1964.
- Includes correspondence *re* offer of chairmanship to Jones; copy of 3pp typescript report on 'Vacation consultancy at the Radar Research Establishment, Ministry of Aviation' by E.W. Elcock, October 1964.
- H.389 ERC papers, 1964:
- Minutes of meeting on 'Proposed Physics Committee(s)' chaired by Jones, 26 March 1964.
- Papers of 'Minister of Aviation's meeting with leaders of the electronics industry', 10 July 1964.
- Minutes of meeting on 'Formation of New Committee' chaired by Jones, 15 July 1964.
- H.390 Minutes of ERC meeting, 1 December 1964.
- H.391 Correspondence, 1965-1966.
- H.392 Minutes of ERC meeting, 9 February 1965.
- H.393 Report of ERC Working Party on the Educational Role of the Establishments, October 1965.
- H.394 Minutes of ERC meeting, 8 March 1966; 'Notes on the visit of Council to the Mullard Research Laboratories [...] 9th June 1966'.

- H.394A Manuscript and typescript pages of draft report on electronics research and defence, ca 1966.
- H.395 Correspondence, 1967.
- H.396 Minutes of ERC meetings, 14 March, 10 May, 3 October, 19 December 1967.

Under the Ministry of Technology the ERC began meeting more frequently.
- H.397 Correspondence and papers, 1968.

Includes 5pp typescript 'Note on the Ministry of Technology' by A. St. Johnston, June 1968 and note of meeting to discuss the ERC Annual Report for 1967, 10 October 1968.
- H.398 Minutes of ERC meetings, 13 February, 12 March and 14 May 1968.
- H.399 Papers of ERC meeting, 8 October 1968.
- H.400 Minutes of ERC meetings, 10 December 1968 and 14 January 1969.
- H.401 Correspondence, 1969.

Includes letter from B.H. Flowers, Chairman of the Science Research Council *re* Government procurement policy, 21 August, and correspondence with A.W. Benn MP, Minister of Technology, *re* omissions from the annual report of the Ministry of Technology, September.
- H.402 Minutes of ERC meetings, 13 May, 7 October, 11 November, 9 December 1969.
- H.403 Papers of ERC meeting, 13 January 1970.
- H.404 Papers of ERC meetings, 10 February, 10 March 1970.

H.405	Correspondence, 1970. Includes exchange with A.W. Benn MP, on the Government's Green Paper on Industrial Research and Development.
H.406	Brief correspondence, 1977-1978, <i>re</i> Lunch to mark the one-hundredth meeting of the ERC.
H.407-H.409	Correspondence and papers <i>re</i> return and destruction of ERC documents, 1966-1978.
H.407	1966.
H.408	1970-1972.
H.409	1974-1978.
H.410-H.413	Copies of the ERC's 'Constitution, Terms of Reference and Membership of Council and its Committees', 1961-1969.
H.410	1961.
H.411	1964.
H.412	1966.
H.413	1969.
H.414-H.421	ERC Annual Reports, 1960-1969.
H.414	April 1960-December 1961.

H.415 1963.

H.416 1964

H.417 1965.

H.418 1966.

H.419 1967.

H.420 1968.

H.421 1969.

H.422-H.465

Infra-Red Committee

1949-1964

This was established by the Advisory Council on Scientific Research and Technical Development in 1948 and was initially under the Radar and Signals Advisory Board. Its terms of reference:

- '1) To consider and advise on infra-red problems.
- 2) To report to the Radar and Signals Advisory Board'.

Jones joined the Committee on its establishment and was invited to become Chairman in 1950, succeeding G.B.B.M. Sutherland. Jones was invited to continue as chair of the Committee when the Ministry of Aviation took it over in 1960, placing it under the Electronics Research Council. The Infra-Red Committee was disbanded in 1964.

Chiefly papers from meetings of the Infra-Red Committee, 1949-1964. At H.452-H.465 are reports from research establishments circulated to the Committee.

Papers *re* the history of infra-red research are at F.92-F.115.

H.422 Papers of meeting, 22 March 1949; 'Second report of the Committee May 1948 to June 1949', 25 June 1949.

- H.423 Correspondence *re* work of the Committee, 1950-1954.
- H.424 Papers of meeting, 3 May 1950.
- H.425 Papers of meeting, 31 August 1950.
- H.426 Papers of meetings, 4 January, 19 April, 19 July, 7 November 1951.
- H.427 Papers of meeting, 3 January 1952.
- H.428 Infra-Red Committee papers, 1952:

‘Infra-red homing against tanks’ by Jones, 31 January 1952.

‘Long wavelength photoconductive response in silicon at low temperature’ by B.V. Rollin, October 1952.
- H.429 Papers of meeting, 9 January 1953.
- H.430, H.431 Papers of meeting, 22 April 1953.

2 folders.
- H.432 Minutes of meeting, 30 September 1953.
- H.433 Minutes of meetings, 6 January, 29 April, 23 September 1954.
- H.434 Minutes of meetings, 6 January, 28 April 1955; typescript addendum ‘The infra-red air glow’, 1 January 1955.
- H.435 Correspondence, chiefly *re* infra-red radiation from kinetic heating, March-July 1955.

- H.436 Minutes of meetings, 18 July, 27 October 1955.
- H.437 Papers of meetings, 10 January, 4 May 1956.
- H.438 Minutes of meetings, 20 July, 25 October 1956.
- H.439 Brief correspondence, 1956, 1957, 1959.
- H.440 Minutes of meetings, 11 February, 17 May, 25 September 1957.
- H.441 Minutes of meetings, 9 January, 17 April, 17 July, 13 November 1958.
- H.442 Minutes of meetings, 8 January, 9 April, 30 September 1959.
- H.443 Minutes of meeting, 12 February 1960.

This was the final meeting (37th) under the Advisory Council on Scientific Research and Technical Development, but the first under the Ministry of Aviation. Future meetings of the Committee were numbered afresh.
- H.444 Minutes of meetings, 31 May, 28 September 1960.
- H.445 Correspondence, 1960-1961.
- H.446 Minutes of meetings, 5 January, 13 April, 16 June, 23 November 1961.
- H.447 Minutes of meetings, 15 February, 18 May 1962.

- H.448 Papers of meeting, 26 September 1962.
- Includes 2pp typescript 'Infra-red detection of submarines' and 1p typescript 'Anglo-American Cooperation' by Jones, reporting on discussions with Robert McNamara, US Secretary of State for Defense.
- H.449 Correspondence and papers, chiefly *re* detection of submarines, 1962-1964.
- Includes 4pp manuscript drafts by Jones of his papers at H.448.
- H.450 Papers of meetings, 7 January, 20 February 1963.
- H.451 Minutes of meetings, 20 November 1963, 24 January 1964.
- H.452-H.465 Papers circulated to the Infra-Red Committee, 1954-1959.
- The majority of these papers were prepared by members of staff of the Telecommunications (later Radar) Research Establishment (TRE/RRE), Great Malvern, Worcestershire, or the Royal Aircraft Establishment (RAE), Farnborough, Hampshire.
- H.452 'The comparison of the absolute sensitivities of PbS, PbSe, and PbTe photo-conductive cells', TRE Memo. No.810, October 1953.
- H.453 'The possibility of using passive I.R. for A.I.', RRE Memo. No.1006, March 1954.
- H.454 'An experimental pulsed-light equipment for ranging on tanks', RRE Memo. No.1105, December 1954.
- H.455 'Frontal detection of supersonic bombers by the infra-red radiation resulting from kinetic heating', RAE Technical Note RAD 559, April 1955.
- H.456 'Field Trials of yellow duckling equipment', RRE Technical Note No.541, December 1954.
- Circulated to the Committee July 1955.

- H.457 'Passive detection at Q-band', RRE Memo. No.1124, *ca* 1955.
- H.458 'Passive detection at Q-band - some further observations', RRE Memo. No.1163, July 1955.
- H.459 'Proposed use of Ektron infra-red cells in naval shell proximity fuzing', Armament Research and Development Establishment Branch Memo. No.1, 1955.
- H.460 'Infra red radiation measurements on Conway by-pass engines', RAE Technical Note No. RAD 648, May 1956.
- H.461 'An improved double recorder for flyover trials', RRE Memo. No.1246, May 1956.
- H.462 'A double recorder for fly-over tests', RRE Memo. No. 614, June 1952.
Circulated to the Committee, January 1957.
- H.463 'Assessment of the infra-red detectability of the Avro 730 supersonic bomber, RAE Technical Note RAD 666, January 1957.
- H.464 'Report on a visit to the USA: IRIS [Infra Red Information Symposium], September 1958', RRE Memo. No.1538, December 1958.
- H.465 'Infra-red detector equipment in the USA. Report of a visit, May, 1959', RRE Memo. No.1633, August 1959.

H.466-H.489 MINISTRY OF TECHNOLOGY 1966-1977

H.466-H.469 Advisory Council for Research on Measurement and Standards

H.470-H.489 Advisory Council on Calibration and Measurement

H.466-H.469 Advisory Council for Research on Measurement and Standards 1968-1974

The Advisory Council for Research on Measurement and Standards was established in 1968. Its terms of reference were:

- '1) To consider requirements for research and development on measurements and standards in support of industry and science, and in the light of these
- 2) to advise the Minister of Technology on the programmes carried out in Ministry establishments and on other research supported by the Ministry of Technology in these fields.
- 3) To report annually to the Minister of Technology'.

Its first Chairman was N. Kurti. The Council was placed under the Department of Trade and Industry after the abolition of the Ministry of Technology.

H.466 Correspondence *re* establishment and terms of reference, including invitation to serve, 1968-1969.

H.467 Correspondence and papers, 1970.

Includes comments on 'Government Green Paper on Proposed B.R.D.C.', 27 February; photocopied typescript reports on visits by Council members to the Electrical Science Division, NPL and the Flow Measurement Division of the NEL, February 1970.

H.468 Correspondence and papers, 1972.

Includes duplicated typescript papers 'Western European Metrology Conference' by R.G. Voysey, May, 'Diffraction grating programmes at NPL' by D.A. Everest, September, and 'Some notes on stability' by Jones, September.

H.469 Correspondence and papers, 1973-1974.
Includes Council's Annual Report for 1972.

H.470-H.489 Advisory Council on Calibration and Measurement 1966-1977

This was established in 1966. Its main task was to oversee the British Calibration Service, which had also been created in 1966.

H.470 Correspondence *re* appointment, 1966-1968.

H.471 Papers *re* establishment of the British Calibration Service, 1966.

H.472 Minutes of the first meeting, 22 November 1966; press-release arising.

H.473 Minutes of meetings, 10 January, 8 March 1967.

H.474 Minutes of meetings, 3 May, 2 October 1967.

H.475 Papers of meeting, 8 January 1968.

H.476 Papers of meeting, 9 July 1968.

H.477 Minutes of meetings, 17 October 1968, 2 April 1969.

H.478 Correspondence with H.E. Barnett, British Calibration Service, May-June 1969.

H.479 Minutes of meetings, 15 July, 21 October 1969.

H.480	Minutes of meetings, 21 July 1970, 28 October 1970 and 15 July 1971.
H.481	Minutes of meetings, 13 October 1971, 25 January 1972.
H.482	Correspondence, 1972-1974.
H.483	Papers of meeting, 26 April 1972.
H.484	Papers of meeting, 18 October 1972.
H.485	Papers of meeting, 17 January 1973.
H.486-H.488	<p>Working Group on Education and Training, 1968-1972.</p> <p>This was established in 1968 'to consider the present position of measurement science education and to recommend to the Advisory Council the policy to be followed in dealing with this topic'. Jones was a member of the Group.</p>
H.486, H.487	Papers of meetings, 1968-1972.
H.486	1968.
H.487	1969-1972.
H.488	Miscellaneous correspondence and papers, 1969-1972.
H.489	Background information on the British Calibration Service, 1969, 1977.

H.490-H.500

NATIONAL PHYSICAL LABORATORY

1950-1976

Jones was appointed a Royal Society member of the General Board of the National Physical Laboratory (NPL) in 1950.

- H.490 Correspondence and papers *re* visit to the Engineering Division of the NPL, 1 August 1950.
- Includes Jones' report and final report submitted by Sir William Stanier.
- Jones visited the NPL as a member of a team (chaired by Sir William Stanier) attached to the Office of the Scientific Advisors, Ministry of Supply.
- H.491 Correspondence *re* invitation to serve on the General Board of the NPL, October-December 1950.
- H.492 Minutes of General Board annual meeting, May 1951; correspondence *re* visit to the Light Division, NPL, July 1951.
- H.493 Letter *re* renewal of Jones' appointment to the General Board, January 1962.
- H.494, H.495 Papers of General Board, 1963.
- 2 folders.
- H.496 'The future of the National Physical Laboratory, Royal Society report, October 1964.
- H.497 Correspondence and papers, 1965.
- H.498 General Board annual meeting, 20 May 1965.
- H.499 Issues of 'NPL News', 1965.

H.500 Correspondence, 1973-1976.

H.501-H.513 NUCLEAR SAFETY ADVISORY COMMITTEE 1972-1976, 1991

The Nuclear Safety Advisory Committee was established in 1972. The Committee had the following terms of reference:

'To advise the Secretary of State for Trade and Industry and the Secretary of State for Scotland on any matters affecting the functions of those Ministers in relation to safety under the Nuclear Installations Acts 1965 and 1969, which might be referred to them by either of those Ministers or which, in the Committee's opinion, ought to be brought to the notice of either Minister, apart from any such reference'.

H.501 Establishment of the Advisory Committee and invitation to serve, 1972.

H.502 Advisory Committee papers, January, April 1974.

H.503 'Heavy Nuclide Wastes from the UK Nuclear Power Programme up to the Year 2000', report presented by M.R. Gausden, January 1974.

H.504 'The Wynfrith Steam Generating Heavy Water Reactor' by B. Negus, May 1974.

H.505 'Earlier SGHWR papers' by E.C. Williams, July 1974.

H.506 Papers of meeting, 25 February 1975.

H.507, H.508 Papers for meeting, 5 June 1975.

This was postponed to October, see H.509 below.

2 folders.

H.509 Correspondence and papers *re* Advisory Committee visit to and meeting at Dounreay, Sutherland, 30 September-2 October 1975.

Includes minutes of Advisory Committee meeting, 2 October.

H.510 Miscellaneous correspondence, 1975-1976.

H.511 Papers, 25 June 1976.

H.512 Papers, 6 October 1976.

H.513 Paper *re* Chernobyl accident, 1991.

H.514-H.520 OPERATIONAL RESEARCH SOCIETY 1971-1997

H.514 Correspondence *re* Operational Research Society of America (ORSA) report on a code of professional standards, 1971-1972.

The ORSA promulgated a code of professional standards. Jones was asked to comment on this for the journal *Minerva* (see H.515 and J.44).

H.515 'Guide lines for the practice of Operations Research', 16pp typescript by Jones.

H.516 Correspondence and papers, 1984.

Includes Jones' manuscript notes for talk on 'The early days of O.R.' to North East Scotland Operational Research Group, Aberdeen, 7 November.

H.517 Correspondence and papers, chiefly *re* meetings, 1985-1988.

H.518 Correspondence and papers, 1991.

H.519 Correspondence and papers, chiefly *re* meetings, 1992-1997.

H.520 Three issues of 'OR Newsletter', 1984.

H.521-H.524 PARACHUTE 2 CLUB 1986-1997

Jones was an honorary member of this club for ex-members of the 2nd Battalion, The Parachute Regiment who served in the Second World War.

H.521 Correspondence *re* Club functions, 1986-1997.

H.522-H.524 Newsletters, 1987-1994.
3 folders.

H.525 PHYSICAL SOCIETY 1951-1954

Jones joined the Society after he was approached to serve as its representative on the Royal Society's Paul Instrument Fund Committee (H.545-H.741).

H.525 Correspondence *re* membership of the Society and the Paul Instrument Fund Committee etc, 1951-1954.

H.526 POLICY-SEARCH 1985-1987

This was a 'think-tank' set up by Sir Alfred Sherman after his departure from the Centre for Policy Studies (H.51-H.93).

H.526 Correspondence, 1985-1987.

H.527-H.534

RAND CORPORATION

1959-1987

Jones first became a consultant to the Rand Corporation in 1962, following an approach originally made in 1959. He maintained contact thereafter, particularly with A.H. Katz and B. Haydon of the Electronics Department

- H.527 Correspondence and papers *re* consultancy, 1959, 1962.

Includes booklet about the Rand Corporation, 1959 and copy of Agreement, 1962.
- H.528 'Professor Jones on propaganda analysis', 5pp typescript transcript of remarks by Jones, prepared for publication by B. Haydon, 25 July 1960.
- H.529 Correspondence, chiefly with A.H. Katz, 1963.
- H.530 'Professor Jones on Philosophers and Kings', 46pp duplicated typescript transcript of lecture by Jones to the Rand Corporation, prepared by B. Haydon, 1963.
- H.531 Correspondence, 1964-1966.

Includes personal correspondence with Katz.
- H.532 Correspondence, 1967-1968.

Includes correspondence *re* studies of 'Flying Saucers'.
- H.533 Correspondence, 1970.
- H.534 Correspondence, 1971-1979, 1987.

H.535-H.898

ROYAL SOCIETY

1951-1996

Jones was elected a Fellow of the Royal Society in 1965. He served on Council 1970-1972 and was Vice President 1971-1972.

Jones served on a number of Royal Society committees, most notably the Paul Instrument Fund Committee. His service began in 1951 when he was nominated by the Physical Society as their representative on the committee.

For papers of the Joint Royal Society/Institute of Physics and Physical Society Working Party on the relationship between university education in physics and the needs of industry, see F.136-F.139.

The material is arranged as follows:

H.535-H.544	General
H.545-H.741	Paul Instrument Fund Committee
H.742-H.821	<i>Notes and Records of the Royal Society</i>
H.822-H.859	British National Committee for the History of Science, Technology and Medicine
H.860-H.871	Other committees
H.872-H.886	'The effects of two world wars on the organisation and growth of science', Royal Society discussion meeting, London, 28 March 1974
H.887-H.894	Elections
H.895-H.898	Awards and grants

H.535-H.544

General

1951-1995

H.535 Correspondence, 1951 *re* display of galvanometer at Royal Society soiree, 1951.

- H.536 Programmes for Royal Society Conversazione, 10 May and 21 June 1956.
- H.537 Exchange *re* discussion meeting on optical masers planned for 8 March 1962. 1961.
- H.538 Correspondence, 1969-1971.
- H.539 Correspondence, 1972-1975.
- H.540 Correspondence, 1977-1979.
Includes correspondence *re* possible subjects for meetings.
- H.541 Correspondence, 1980.
- H.542 Correspondence, 1981-1982.
- H.543 Correspondence, 1990, 1992.
The correspondence is chiefly *re* place of deposit for the archival material of the pioneer electronic engineer Alan Dower Blumlein (d. 1942).
- H.544 Correspondence, 1993, 1995.

H.545-H.741

Paul Fund Instrument Committee

1943-1991

The R.W. Paul Instrument Fund was established by the Will of Robert Paul in 1943. It specified that the object of the Fund was:

'The design, construction and maintenance of novel, unusual or much improved types of physical instruments and apparatus needed for an investigation in pure or applied science'.

The Committee comprised six people, three Royal Society representatives, and one from the Physical Society, the Institute of Physics and the Institution of Electrical Engineers. Jones joined the Committee in 1952 as the Physical Society's representative and continued to serve as an Institute of Physics representative after the two bodies merged.

Jones was appointed Chairman of the Committee in 1961 and served to 1985, being succeeded by Sir Alan Cook.

Jones himself received monies from the Fund. He and A.H.S. Holbourn received a grant starting in 1949 towards a diffraction grating ruling engine (see C.220).

H.545-H.551 History of the Instrument Fund

H.552-H.554 Administration of the Fund

H.555-H.741 Committee papers

H.545-H.551

History of the Fund

1943-1973

H.545

Photocopy of obituary of R.W. Paul, *Nature*, 24 April 1943.

H.546

Conditions for applications for grants, ?1946, 1948; memorandum on R.W. Paul's Will, ca 1946.

H.547

Untitled 8pp typescript on the Fund beginning 'Under the Will of Mr R.W. Paul, who died in 1943, a committee was set up to administer the R.W. Paul Instrument Fund'. Latest bibliographical reference 1960.

H.548

Photocopy of 13pp typescript article on the Fund, to be submitted to *Nature*, by A.G. Gaydon, November 1969.

- H.549-H.551 'The R.W. Paul Instrument Fund' by Jones, *Journal of Physics E: Scientific Instruments*, **6** (1973).
- H.549 13pp typescript draft.
- H.550 Correspondence with colleagues commenting on the draft, July-August 1973.
- H.551 Offprint.
- H.552-H.554 **Administration of the Fund** 1970-1971
- H.552-H.554 Photocopied correspondence *re* the endowment of the Fund, 1970-1971.
3 folders.
- H.555-H.741 **Committee papers** 1945-1991
- Papers for meetings of the Committee, grant applications, reports from assessors and other material circulated to members. Also includes correspondence *re* Jones' work as a Paul Fund Assessor, 1953-1957.
- H.555-H.557 Photocopies of papers of Committee meetings, 1945-1951.
These predated Jones' joining the Committee.
- H.555 1945-1947.
- H.556 1948-1949.
- H.557 1950-1951.
- H.558 Papers for meeting, 12 March 1952.
This was the first attended by Jones.

- H.559 Papers for meeting, 21 May 1952.
- H.560 Papers circulated to members, July-December 1952.
- H.561 Papers for meeting, 11 September 1952.
- H.562 Papers circulated to members, January, February 1953.
- H.563 Correspondence *re* assessment of work on meteor camera, February-March 1953

Jones was a Paul Fund Assessor for a project to construct a Meteor Camera at the University of Bristol.
- H.564 Papers for meeting, 6 May 1953.
- H.565 Papers circulated to members, August, September 1953.
- H.566 Papers for meeting, 21 December 1953.
- H.567 Papers for meeting, 17 March 1954.
- H.568 Correspondence *re* assessment of work carried out by P.B. Fellgett (under R.O. Redman), June, July 1954.

Includes 1p typescript report by Jones.

Jones was a Paul Fund Assessor for this project to construct a Special Spectrometer at the University of Cambridge.
- H.568A Papers circulated to members and related material, July-October 1954.

- H.569 Papers for meeting, 24 November 1954; correspondence arising, December 1954.
- H.570 Correspondence *re* Jones' visits as assessor to Bristol and Cambridge, 1955.
- H.571 Papers circulated to members and related correspondence, 1955.
- H.572 Correspondence *re* Jones' visits as assessor to Cambridge, January-August 1956.
- H.573 Papers circulated to members, March-June 1956.
- H.574 Correspondence *re* application to the Fund by Z. Kopal, Department of Astronomy, University of Manchester, March-May 1956.
- H.575 Papers for meeting, 25 September 1956.
- H.576 Correspondence *re* Jones' visits as assessor to Cambridge, October 1956.

Jones was assessor to Fellgett and also to J.S. Courtney-Pratt's project to develop techniques for high-speed photography and micrography.
- H.577 Papers for meeting, 16 January 1957.
- H.578 Papers circulated to members, March-September 1957.
- H.579 Correspondence, 1957.

Includes Jones' final report on work of Fellgett.
- H.580 Papers for meeting, 6 November 1957.

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| H.581 | Papers circulated to members, 1958. |
| H.582 | Papers for meeting, 19 November 1958. |
| H.583 | Papers circulated to members, 1959. |
| H.584 | Papers for and draft minutes of meeting, 16 December 1959. |
| H.585 | Correspondence <i>re</i> Committee business, 1960.
Includes membership, possible payment to the Chairman. |
| H.586 | Papers circulated to members, 1960. |
| H.587 | Papers for meeting, 29 September 1960. |
| H.588 | Correspondence <i>re</i> Committee business, 1961.
Includes membership, expenses and patent rights arising from developments funded by the Paul Fund. |
| H.589 | Papers circulated to members, February, March 1961. |
| H.590 | Papers for meeting, 8 May 1961. |
| H.591 | Papers circulated to members, May-December 1961. |
| H.592 | Papers for meeting, 10 October 1961. |

- H.593 Correspondence and papers *re* Committee business, 1962.
Includes correspondence *re* patents and amendments to the terms of the Fund.
- H.594 Papers circulated to members, 1962.
Includes memoranda by F.E. Smith *re* Paul's Will.
- H.595 Papers for meeting, 20 November 1962.
- H.596 Correspondence *re* Committee business, 1963.
The correspondence chiefly relates to the way in which the Committee conducted its business. Much of it was enacted through correspondence and there was some doubt as to the legality of this.
- H.597 Papers circulated to Committee members, 1963.
- H.598 Papers for meeting, 1 November 1963.
- H.599 Papers for meeting, 13 December 1963.
This meeting considered changes to the conditions of the Paul Instrument Fund.
- H.600 Correspondence *re* fibre optics work of H.H. Hopkins, 1963-1964.
- H.601 Correspondence *re* Committee business, 1964.
Includes continuing correspondence *re* the conduct of Committee business.
- H.602 Papers for meeting, 14 July 1964.
- H.603 Papers for meeting, 16 December 1964.

- H.604 Correspondence *re* Committee business, 1965.
- H.605 Papers for meeting, 19 November 1965.
- H.606 Correspondence and papers *re* Committee business, January-May 1966.
- H.607 Papers circulated to members, 1966.
- H.608 Correspondence and papers *re* Committee business, July-December 1966.

Includes photocopies of correspondence on whether non-British subjects could receive Paul Fund support. It was ruled that they could not.
- H.609 Papers for meeting, [?November] 1966.
- H.610 Minutes of special meetings, 13 December 1966, 9 June 1967 and 21 December 1967.
- H.611, H.612 Correspondence and papers *re* Committee business, 1967.

2 folders.
- H.613 Correspondence *re* general Committee business, February-September 1968.
- H.614 Papers for meeting, 2 February 1968.
- H.615, H.616 Correspondence and papers *re* Paul Fund applications and current grants, 1968.

2 folders.
- H.617 Papers for meeting, 26 June 1968.

- H.618 Papers for meeting, 26 March 1969.
- H.619 Papers for meeting, 26 June 1969.
- H.620, H.621 Correspondence and papers *re* Paul Fund applications and current grants, 1969.
2 folders.
- H.622 Photocopied correspondence *re* patent, October 1969.
- H.623 Papers for meeting, 22 January 1970.
- H.624 Correspondence and papers *re* general Committee business, 1970.
- H.625 Papers for meeting, 22 July 1970.
- H.626-H.630 Correspondence and papers *re* Paul Fund applications and current grants, 1970.
5 folders.
- H.631 Correspondence and papers *re* general Committee business, 1971.
Includes correspondence discussing individual grants and their implications for wider policy.
- H.632 Papers for meeting, 5 February 1971.
- H.633 Papers for meeting, 15 July 1971.
- H.634 Papers for meeting, 1 December 1971.

- H.635-H.639 Correspondence and papers *re* Paul Fund applications and current grants, 1971.

5 folders.
- H.640 Correspondence and papers *re* general Committee business, 1972.
- H.641 Papers for meeting, 2 June 1972.
- H.642 Papers for meeting, 12 October 1972.
- H.643-H.647 Correspondence and papers *re* Paul Fund applications and current grants, 1972.

5 folders.
- H.648 Correspondence and papers *re* general Committee business, 1973.

A.G. Gaydon was acting Chairman for much of the year while Jones visited New Zealand (G.114-G.134).
- H.649 Papers for meetings, 24 May and 23 October 1973.
- H.650-H.652 Correspondence and papers *re* Paul Fund applications and current grants, 1973.

3 folders.
- H.653 Correspondence and papers *re* general Committee business, 1974.
- H.654 Papers for meeting, 27 March 1974.
- H.655 Papers for meeting, 10 December 1974.

- H.656, H.657 Correspondence and papers *re* Paul Fund applications and current grants, 1974.

2 folders.
- H.658 Correspondence and papers *re* general Committee business, 1975.

Includes correspondence discussing individual grants and their implications for wider policy.
- H.659 Agenda for special meeting, 5 September 1975.
- H.660 Papers for meeting, 30 October 1975.
- H.661-H.664 Correspondence and papers *re* Paul Fund applications and current grants, 1975.

4 folders.
- H.665 Correspondence and papers *re* general Committee business, 1976.

Includes papers *re* finances of the Fund.
- H.666 Papers for meeting, 6 May 1976.
- H.667 Papers for meeting, 12 November 1976.
- H.668-H.674 Correspondence and papers *re* Paul Fund applications and current grants, 1976.

7 folders.
- H.675 Correspondence and papers *re* general Committee business, 1977.
- H.676 Papers for meeting, 6 May 1977.

- H.677 Papers for meeting, 28 July 1977.
- H.678-H.681 Correspondence and papers *re* Paul Fund applications and current grants, 1977.

4 folders.
- H.682 Correspondence and papers *re* general Committee business, 1978.
- H.683 Papers of meeting, 15 February 1978; minutes of special meeting, 8 August 1978.
- H.684-H.692 Correspondence and papers *re* Paul Fund applications and current grants, 1978.

9 folders.
- H.693 Correspondence and papers *re* general Committee business, 1979.

Includes correspondence *re* disposal of instruments constructed with Paul Fund money.
- H.694 Papers of special meeting, 11 January 1979.
- H.695 Minutes of meeting, 2 October 1979.
- H.696-H.699 Correspondence and papers *re* Paul Fund applications and current grants, 1979.

4 folders.
- H.700 Correspondence and papers *re* general Committee business, 1980.
- H.701 Correspondence and papers *re* Paul Fund applications and current grants, 1980.

- H.702 Correspondence and papers *re* general Committee business, 1981.
- H.703-H.705 Correspondence and papers *re* Paul Fund applications and current grants, 1981.
3 folders.
- H.706 Correspondence and papers *re* general Committee business, 1982.
- H.707 Minutes of meeting, 2 March 1982.
- H.708-H.710 Correspondence and papers *re* Paul Fund applications and current grants, 1982.
3 folders.
- H.711 Correspondence *re* Committee membership, 1983.
- H.712 Correspondence and papers *re* Paul Fund applications and current grants, 1983.
- H.713 Correspondence and papers *re* general Committee business, 1984.
- H.714 Minutes of meetings, 10 May and 22 November 1984.
- H.715-H.717 Correspondence and papers *re* Paul Fund applications and current grants, 1984.
3 folders.
- H.718 Correspondence *re* Paul Instrument Fund Committee dinner, Athenaeum Club, London, 20 June 1984.

The dinner was to mark the retirement of Maurice Malcolm, Secretary to the Committee since 1953.

- H.719 Papers *re* Paul Fund applications and current grants, 1985.
- H.720 Papers *re* Paul Fund applications and current grants, 1986.
- H.721 Correspondence and papers *re* Paul Fund business, applications and current grants, 1987.
Includes letter *re* Jones' reappointment for 1988-1991.
- H.722 Brief correspondence *re* general Committee business, 1988.
- H.723 Papers for meeting, 22 February 1988.
- H.724 Papers for meeting, 29 June 1988.
- H.725, H.726 Papers for meeting, 23 February 1989.
2 folders.
- H.727 Agenda and minutes of meeting held at Cambridge, 28 June 1989.
- H.728, H.729 Papers for meeting, 7 November 1989
2 folders.
- H.730 Minutes of meeting, 7 November 1989.
- H.731, H.732 Papers for meeting, 13 February 1990.
2 folders.
- H.733 Minutes of meeting, 13 February 1990.

- H.734 Papers for and minutes of meeting of 18 June 1990.
- The only papers are those in which Jones had a personal interest. He was unable to attend the meeting.
- H.735, H.736 Papers for meeting, 16 October 1990.
- 2 folders.
- H.737 Nomination of Jones for a further three-year term 1991-1994, 2 August 1990; letter from Jones to Sir Alan Cook giving his apologies for the meeting on 16 October and noting that he is unlikely to accept nomination for a further term, 10 October 1990.
- H.738 Minutes of meeting, 16 October 1990.
- H.739, H.740 Papers for meeting, 28 February 1991.
- 2 folders.
- H.741 Correspondence *re* Jones' resignation from the Committee, February-June 1991.
- H.742-H.821 *Notes and Records of the Royal Society* 1967-1996**

Jones had assisted Sir Harold Hartley as editor of *Notes and Records* in the later 1960s (see L.34-L.40). In 1970 Jones and W.D.M. Paton succeeded Hartley as joint editors of *Notes and Records*. They were both 'retired' in 1988 although they agreed to serve on the *Notes and Records* editorial advisory board that was set up to support the new editor. Jones retired from the board in 1996.

The material is correspondence with Paton and others *re* editorial matters, correspondence with contributors including invitations to write and some drafts of papers submitted, papers of meetings and discussions on the future of the journal, and a little general correspondence about history of science interests.

- H.742 Letter to Jones from Hartley *re* editorship, September 1967.
- H.743 Correspondence *re* editorial matters, 1969-1970.

Jones took over as acting editor for the 1970 issue and formally succeeded Hartley as a joint editor with Paton later in the year.
- H.744, H.745 Correspondence with contributors and potential contributors, 1970.

Includes some drafts sent by contributors.

2 folders.
- H.746 Correspondence *re* history of science interests, 1970.
- H.747 Correspondence *re* editorial matters, chiefly with Paton, 1971.

Includes 1p typescript draft of 'Editorial policy'
- H.748-H.750 Correspondence with contributors and potential contributors, 1971.

Includes some drafts sent by contributors.

3 folders.
- H.751 Typescript drafts for editorial piece and note on 'Professor Bertram Hopkinson' by Jones.
- H.752 Correspondence *re* history of science matters, 1971-1972.
- H.753 Correspondence *re* editorial matters, chiefly with Paton, 1972.
- H.754 Correspondence *re* editorial matters and possible articles, 1973.

- H.755 Correspondence and papers *re* Piazzi Smith and his studies of the Great Pyramid in the nineteenth century.
- Jones was researching Piazzi Smith for a possible article for *Notes and Records*.
- H.756 Correspondence *re* editorial matters and contributions, 1974.
- H.757 Correspondence *re* editorial matters, 1975.
- H.758, H.759 Correspondence with contributors and potential contributors, 1975.
- Includes some drafts sent by contributors.
- 2 folders.
- H.760 Correspondence *re* editorial matters and contributions, 1976.
- H.761 Correspondence *re* editorial matters and contributions, 1977.
- H.762 Correspondence *re* editorial matters and contributions, 1978.
- H.763 Papers *re* meeting to discuss *Notes and Records*, Royal Society, June 1978.
- There was concern that the journal was losing money.
- H.764 Correspondence *re* editorial matters, 1979.
- H.765, H.766 Correspondence with contributors and potential contributors, 1979.
- Includes some drafts sent by contributors.
- 2 folders.
- H.767 Correspondence *re* editorial matters, 1980.

- H.768-H.770 Correspondence with contributors and potential contributors, 1980.
Includes some drafts sent by contributors.
3 folders.
- H.771 Correspondence *re* editorial matters, 1981.
- H.772, H.773 Correspondence with contributors and potential contributors, 1981.
Includes some drafts sent by contributors.
2 folders.
- H.774 Correspondence *re* editorial matters, 1982.
- H.775 Papers of meeting of editors of *Notes and Records*, 12 October 1982.
The meeting considered the future of the journal.
- H.776 Correspondence with contributors and potential contributors, 1982.
Includes some drafts sent by contributors.
- H.777 Correspondence *re* editorial matters and contributions, 1983.
Includes correspondence from Dame Mary Cartwright arising from article by A.H. Cook.
- H.778 Correspondence and papers *re ad hoc* Committee to review the role and policy of *Notes and Records*, 1983.
This was established in 1983. It first met under the chairmanship of Sir Arnold Burgen on 19 October 1983. Both Jones and Paton were members.
Includes papers of first meeting.
- H.779 Minutes of meeting of editors of *Notes and Records*, 12 December 1983.

- H.780-H.783 Replies to circular letter on the value of *Notes and Records*, 1983-1984
The letter was sent under Sir Arnold Burgen's name, November 1983.
4 folders.
- H.784 Papers and manuscript notes from meeting of Sir Arnold Burgen with the editors of *Notes and Records*, 9 May 1984.
The meeting considered the future of the journal in the light of replies to Burgen's circular letter of November 1983.
- H.785-H.787 Correspondence *re* editorial matters and contributions, 1984.
Includes some drafts sent by contributors.
3 folders.
- H.788 Correspondence *re* contributions, 1985.
- H.789 Correspondence *re* editorial matters, 1986.
- H.790 Correspondence with contributors and potential contributors, 1986.
Includes some drafts sent by contributors.
- H.791 Correspondence *re* editorial matters, 1987.
- H.792-H.794 Publication of P. Kapitza's letters to his mother in *Notes and Records*.
- H.792 Correspondence with J.W. Boag, 1987.
- H.793, H.794 Photocopies and transcripts of letters, 1921-1926.
2 folders.

- H.795-H.798 Correspondence with contributors, 1987.
Includes some drafts sent by contributors.
4 folders.
- H.799 Correspondence *re* editorial matters, 1988.
- H.800 Correspondence *re* retirement of Jones and Paton as editors, and subsequent invitation to them to serve on the editorial advisory board, June-December 1988.
- H.801, H.802 Correspondence with contributors and potential contributors, 1988.
Includes some drafts sent by contributors.
2 folders.
- H.803 Correspondence with new editor, D.G. King-Hele and contributors, 1989.
- H.804 Papers of editorial board meeting, 23 February 1989.
- H.805 Papers of editorial board meeting, 7 September 1989.
- H.806 Papers of editorial board meeting, 2 March 1990.
- H.807 Editorial board correspondence, 1991.
- H.808 Papers of editorial board meeting, 18 February 1991.
- H.809 Correspondence with W. Johnson *re* history of science interests, 1991.
- H.810 Papers of editorial board meeting, 26 November 1991.

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| H.811 | Editorial board correspondence, 1992. |
| H.812 | Papers of editorial board meeting, 26 June 1992. |
| H.813 | Editorial board correspondence, 1993. |
| H.814 | Papers of editorial board meeting, 20 May 1993. |
| H.815 | Editorial board correspondence, 1994. |
| H.816 | Papers of editorial board meeting, 19 April 1994. |
| H.817 | Editorial board correspondence, 1995.
Includes refereeing. |
| H.818 | Papers of editorial board meeting, 20 April 1995. |
| H.819 | Editorial board correspondence, 1996. |
| H.820 | Papers of editorial board meeting, 18 January 1996. |
| H.821 | Papers of editorial board meetings, 14 May and 6 November 1996. |

H.822-H.859 British National Committee for the History of Science, 1966-1988
Technology and Medicine

Jones joined the British National Committee in 1966. He became Chairman in 1971, replacing Sir Harold Hartley.

He served on the British National Committee's Subcommittee on Contemporary Scientific Archives to its dissolution in 1986 and then on the Archives Policy Working Group, 1985-1988.

Much of the correspondence and papers from the mid-1980s reflects these two responsibilities.

H.822 Invitation to serve on the British National Committee and letter of acceptance, December 1966.

H.823 Minutes of *ad hoc* meeting of the Library Committee and the British National Committee, 28 February 1968.

H.824 Letter of appointment as Chairman, 17 November 1970; exchange with N. Kurti *re* the Joint Committee of the Royal Society and Historical Manuscripts Commission on papers of distinguished scientists and engineers, December 1970.

H.825 Papers of British National Committee meeting, 5 February 1971.

This was the first chaired by Jones.

H.826 Correspondence *re* British National Committee business, 1971.

Includes correspondence with Sir David Follett, Science Museum, *re* early scientific instruments.

H.827 Papers of British National Committee meeting, 16 December 1971.

H.828 Correspondence *re* British National Committee business, 1972.

Includes correspondence *re* possible British National Committee for the Philosophy of Science.

- H.829 Minutes of British National Committee meeting, 26 June 1972.
- H.830 Papers of British National Committee meeting, 20 December 1972.
- H.831 Correspondence *re* British National Committee grant, 1972.
- H.832 Correspondence *re* British National Committee business, 1973.
- H.833 Papers of British National Committee meeting, 10 July 1973.
- H.834 Correspondence *re* Royal Society assistance in subjects for a set of stamps to be issued by Nicaragua honouring 'inventive progress', 1973-1974.

This was passed to the British National Committee for their suggestions.

Includes Jones' lists of suggestions.
- H.835 Correspondence *re* general British National Committee business, 1974.
- H.836 Correspondence *re* proposal that the Royal Society should subscribe to the International Committee for Historical Metrology, 1974.

This proposal was circulated to the members of the British National Committee and others, and the material is principally their replies.
- H.837 Papers of British National Committee meeting, 23 April 1974.
- H.838 Correspondence *re* British National Committee business, 1975.
- H.839 Papers of British National Committee meeting, 12 December 1975.

- H.840 Correspondence *re* British National Committee business, 1976.
Includes correspondence *re* make-up of the British National Committee.
- H.841 Papers of British National Committee meeting, 12 December 1976.
- H.842 Correspondence *re* British National Committee business, 1977.
- H.843 Papers of British National Committee meeting, 19 December 1977.
- H.844 Correspondence *re* British National Committee business, 1978.
Includes correspondence *re* size and membership of the Committee.
- H.845 Papers of British National Committee meeting, 15 December 1978.
- H.846 Correspondence *re* access to Royal Society archives, 1979.
- H.847 Papers of British National Committee meeting, 1979.
- H.848 Correspondence and papers *re* British National Committee Subcommittee on Contemporary Scientific Archives, 1981.
Includes papers of meeting, 3 December 1981.
- H.849 Papers *re* Subcommittee on Contemporary Scientific Archives, 1983-1984.
Includes papers for meeting, 13 June 1983.
- H.850 Papers of meetings of Subcommittee on Contemporary Scientific Archives, 16 January and 1 July 1985.

H.851 Correspondence *re* future of the Contemporary Scientific Archives Centre, July 1985.

This discusses the decision-making process at the meeting on 1 July.

H.852 Papers of meeting of Subcommittee on Contemporary Scientific Archives, 11 December 1985.

H.853 Correspondence *re* the Royal Society Archives Policy Working Group, 1985-1986.

H.854 Papers of meeting of Archives Policy Working Group, 9 April 1986.

H.855 Papers of meeting of Archives Policy Working Group, 9 July 1986.

H.856 Papers of final meeting of the Subcommittee on Contemporary Scientific Archives, 8 September 1986.

H.857 Correspondence *re* end of the Committee and move of the Contemporary Scientific Archives Centre to Bath as the National Cataloguing Unit for the Archives of Contemporary Scientists.

H.858 Papers of meeting of Archives Policy Working Group, 9 January 1987.

H.859 Papers of meeting of Archives Policy Working Group, 27 January 1988.

H.860-H.871

Other committees

1957-1974

In chronological order of Jones' involvement as represented in the papers.

- H.860-H.862 British National Committee for Scientific Radio, 1957-1960.
Jones was appointed to the Committee in 1957.
- H.860 Correspondence, 1957-1960.
- H.861 Papers of meeting of the British National Committee for Scientific Radio, 15 April 1958.
- H.862 Papers for meeting of the General Arrangements Committee of the General Assembly of URSI 1960, 22 September 1958.
- H.863 British National Committee for Physics Subcommittee on Optics, 1963.
Jones joined the Subcommittee in 1962.
Brief correspondence *re* membership, 1963.
- H.864 *Ad hoc* Committee on training of Ph.D. students, 1965-1966.
Correspondence and papers.
- H.865 Commission on Units and Standards, 1967.
Jones was invited to be a Royal Society representative on the Commission.
Correspondence and papers.
- H.866 *Ad hoc* Panel on Earth Strain Studies, 1967, 1969.
Invitation to join the Panel, 13 October 1967; minutes of meeting, 11 December 1969.
See also D.234.
- H.867-H.870 *Ad hoc* Committee on the Patent System and Patent Law, 1968, 1970.
This was established to prepare recommendations for Council of the Royal Society in response to a committee established by the Board of Trade to examine patent law.

- H.867 Invitation to join the Committee, 24 January 1968; letter from Jones *re* non-attendance at first two meetings, 2 April 1968.
- H.868 Papers of meeting, 20 February 1968.
- H.869 Papers of meeting, 8 May 1968.
- Includes recommended 'Memorandum of Evidence' prepared by the Committee, April 1968.
- H.870 Papers, 1970.
- H.871 Soiree Committee, 1974.
- Jones joined the Committee in 1974.
- Brief correspondence *re* membership.
- H.872-H.886 'The effects of two world wars on the organisation and 1973-1975**
growth of science', Royal Society discussion meeting,
London, 28 March 1974
- This discussion meeting was proposed and organised by Jones.
- H.872 Proposal by Jones and notification of acceptance by the Royal Society, August 1973.
- H.873 Correspondence between Jones and possible participants, September-November 1973.
- H.874 Correspondence *re* arrangements, October-December 1973.
- H.875 Correspondence with Royal Society and participants *re* arrangements, January-February 1974.

- H.876 Correspondence with Royal Society and participants *re* arrangements, March 1974.

Includes list of participants.
- H.877 Programme of meeting, including abstracts.
- H.878 'Research establishments' by Jones, 13pp typescript related to his talk on 'Effects of World War II on the development of Government research establishments'.
- H.879 Photocopy of reports of meeting in the *New Scientist*, 4 April; *Nature* **248** (12 April 1974); and *Physics Bulletin*, ?April 1974.
- H.880-H.882 Correspondence arising, chiefly with participants *re* publication of proceedings, April 1974-June 1975.
- H.880 April-June 1974.
- H.881 July-August 1974.
- H.882 September 1974-June 1975.
- H.883-H.886 Typescript drafts of written contributions.

A number of the contributors spoke from memory or notes.
- H.883 'Introduction' by Jones, 8pp typescript.
- H.884 'The effect of the Second World War on industrial science' by D.S. Davies and J.R. Stammers, 25pp photocopied typescript.
- H.885 'Epilogue' by Jones, 10pp typescript.

H.886 'Bibliography'.

H.887-H.894

Elections

1967-1996

H.887 General correspondence and papers, 1972-1987.

H.888-H.894 Candidates.

H.888 1967.

H.889-H.891 1972-1988.
3 folders.

H.892 1974-1979.

H.893 1982-1991.

H.894 1988-1996.

H.895-H.898

Awards and grants

1971-1994

H.895 1971-1979.

H.896 1981.

H.897 1983-1985.

H.898 1988-1994.

H.899, H.900 ROYAL SOCIETY OF EDINBURGH 1975-1987

H.899 Miscellaneous correspondence, 1980-1985.

H.900 Elections to Fellowship, 1975-1987.

H.901-H.903 SCIENCE RESEARCH COUNCIL (SRC) 1965-1980

For material relating to the SRC's predecessor, the Department of Scientific and Industrial Research, see H.129-H.140. For SRC support of postgraduate students and courses at Aberdeen see C.184-C.192 and C.193-C.207.

H.901 Correspondence and papers, 1965.

Includes invitation to serve on the Physics Committee of the University Science and Technology Board (declined).

H.902 Correspondence and papers, 1978-1980.

Includes correspondence *re* visits of Sir Geoffrey Allen, Chairman of the SRC to Aberdeen University, 1978, and papers *re* the financial position of the SRC, 1980.

H.903 Papers *re* opposition to proposed merger of the Appleton Laboratory, Slough, with the Rutherford Laboratory, Chilton, Oxfordshire, 1978.

H.904 SCIENTIFIC INSTRUMENT MANUFACTURERS 1960-1966
ASSOCIATION

See also D.108-D.110.

H.904 General correspondence, 1960-1966.

H.905, H.906 SOCIETY OF INSTRUMENT TECHNOLOGY 1966-1967

Jones was elected a member of the Society in 1966 and nominated to Council at the same time. The following year he agreed to serve on the editorial board of the Society's new journal, *Measurement and Control*.

H.905 Correspondence and papers *re* membership and service on editorial board, 1966, 1967.

H.906 Duplicated typescript Council papers, 1967.

H.907-H.916 STUDY GROUP ON INTELLIGENCE 1985-1996

This seminar group met at the London School of Economics, Chatham House.

H.907-H.911 Chiefly typescript notices/agendas for meetings, 1985-1996.

H.907 1985-1987.

H.908 1989-1990.

- H.909 1990.
Exchange with M. Herman and transcripts on 'Intelligence and International Security' sent to Jones, February 1990.
- H.910 1991-1993.
- H.911 1994-1996.
- H.912-H.916 Study Group on Intelligence newsletters issues 1-15, 1989-1996.
Lacks issue no. 6.
- H.912 Nos. 1-3, 1989-1990.
- H.913 Nos. 4, 5, 7, 1990/1-1992.
- H.914 Nos. 8-10, 1992/3-1993/4.
- H.915 Nos. 11-13, 1994-1995.
- H.916 Nos. 14, 15, 1995/6-1996.

H.917-H.919 WORSHIPFUL COMPANY OF CLOCK MAKERS 1979-1981

Correspondence and papers *re* the Tompion Gold Medal Awarding Committee (later Tompion Medal Committee) of the Company.

This Medal was infrequently awarded for outstanding achievements in the field of horology and the Awarding Committee had been suspended in 1975.

It was reconstituted in 1980, with Jones (a Freeman of the Company) as a member.

H.917 1979.

H.918 January-October 1980.

H.919 November 1980-February 1981.

H.920, H.921 WORSHIPFUL COMPANY OF SCIENTIFIC INSTRUMENT 1967-1978
MAKERS

H.920 Correspondence *re* award, 1967.

H.921 Miscellaneous correspondence, 1973, 1978.

H.922 604 SQUADRON ASSOCIATION 1986

Jones was a guest at a 604 'County of Middlesex' Squadron dinner, 1986.

H.922 Correspondence, 1986, n.d.

SECTION J

**PUBLICATIONS
J.1-J.824**

J.1-J.760	DRAFTS
J.761-J.798	GENERAL
J.799-J.824	OFFPRINTS

J.1-J.760

DRAFTS

1946-1997

A chronological sequence of material relating to publications, or to the intention to publish.

There is a particularly large volume of material relating to Jones' two major books, *Most Secret War* (Hamish Hamilton, 1978, see J.72-J.397) his best-selling account of his scientific intelligence work during the Second World War, and its follow up *Reflections on Intelligence* (Heinemann, 1989, see J.487-J.642).

Drafts by Jones can also be found in other sections of the collection.

J.1

'The Radio War'.

25pp typescript, 11 April 1946.

This was written by Jones for Sir Winston Churchill but never published.

J.2

Book review of *Scientific foundations of vacuum technique* by S. Dushman (J. Wiley, New York, 1949).

3pp manuscript draft, n.d.

J.3

'Can we become a Switzerland of the North?'. Article in *Aberdeen Press and Journal*, 7 October 1949.

3pp and 9pp annotated typescript drafts; 7pp typescript.

J.4

'Separation of small spheres according to size', with W. Paul, *Research* **3** (1950).

3pp typescript.

J.5

Book review of *Techniques générales du laboratoire de physique*, Volume II, edited by J. Surugue (Centre Nationale de la Recherche Scientifique, Paris, 1950) for *Proceedings of the Physical Society*.

Two 2pp typescript drafts; proof; letter to the editor, 1950.

- J.6 'Blue Sun and Moon', with W. Paul, *Nature* **168** (29 September 1951) pp 554-556.
3pp typescript + captions; proof; letter to the editor, 1951.
- J.7 'An advantage of the tutorial system', *Arbor* **2**, No. 1 (1952).
6pp typescript.
- J.8 'Production and separation of small glass spheres', with W. Paul, *British Journal of Applied Physics* **3** (October 1952) pp 311-314.
10pp typescript + captions; 1p typescript revised introduction.
- J.9 'Flying saucers and Fifth Columnists', *Arbor* **2**, No. 2 (1953).
7pp typescript.
- J.10 'Scotch University', *Arbor* **2**, No. 3 (1954).
12pp typescript.
- J.11 Letter by Jones to a newspaper expressing his greatest wish for 1955.
1p manuscript draft and 1p typescript, [December 1954].
- J.12 Book review of *Instruments for measurement and control* by W.G. Holzbock (Reinhold Publishing Corporation, New York, 1955) for *Proceedings of the Physical Society*.
2pp typescript; correspondence with the editor, 1956, including 2pp typescript referee's report by Jones of a paper submitted to *Proceedings of the Physical Society*.
- J.13 Letter to *The Times*, 12 April 1961.
2pp typescript and 3pp manuscript drafts countering Sir Charles Snow's comments on the Tizard Committee; typescript draft letter to P.M.S. Blackett, n.d.

- J.14, J.15 'Anti-distortion mountings for instruments and apparatus', *Journal of Scientific Instruments* **38** (October 1961) pp 408-409.
- 6pp typescript; 6pp manuscript draft; 7pp manuscript and typescript draft.
- 2 folders.
- J.16, J.17 'Bombs Gone!'. Book review of *The Strategic Air Offensive against Germany 1939-1945*, volumes I-IV, by Sir Charles Webster and N. Frankland (HMSO, 1961) in the *Listener*.
- 8pp and 7pp manuscript drafts.
- 2 folders.
- J.18, J.19 'Sub-acoustic waves from large explosions', *Nature* **193** (20 January 1962) pp 229-232.
- 6pp and 14pp manuscript drafts; 6pp incomplete annotated typescript.
- 2 folders.
- J.20 'Growth of cadmium fluoride crystals from the melt', with D.A. Jones, *Proceedings of the Physical Society* **79** (1962) pp 351-357.
- 23pp manuscript draft.
- J.21 'A microbarograph', with S.T. Forbes, *Journal of Scientific Instruments* **39** (August 1962) pp 420-427.
- 10pp manuscript draft + captions.
- J.22 'Wing Commander A.H. Smith O.B.E.' in *Early English and Norse Studies : presented to Hugh Smith in honour of his sixtieth birthday* edited by A. Brown and P. Foote (Methuen, 1963) pp 217-225.
- 12pp manuscript draft.
- J.23-J.25 'Scientific Instruments' in *The Harper Encyclopedia of Science* edited by J.R. Newman (Harper & Row, New York, 1963).
- J.23 41pp manuscript draft.

- J.24 23pp typescript; proof.
- J.25 Correspondence with the editors, 1960-1962.
- J.26 Essay review of *Encyclopaedic Dictionary of Physics*, editor-in-chief J. Thewlis (Pergamon Press, Oxford, 1961-1963) 9 volumes, in *Chemistry and Industry*, 3 August 1963.
- 3pp incomplete annotated typescript; 8pp typescript.
- J.27 'Churchill and Science', *New Scientist* (28 January 1965).
- 5pp typescript draft, with letter of thanks from the Editor, January 1965.
- J.28 'The Ordinary Class: A feature of Scottish education', *The Times Educational Supplement*, 17 September 1965.
- 7pp annotated typescript; 5pp typescript.
- J.29 Book review of *Michael Faraday: A biography* by L.P. Williams (Chapman & Hall, 1965).
- 4pp typescript, n.d.
- J.30 'Winston Churchill and Science'. Article for the Central Office of Information (COI), 1966.
- 4pp typescript, annotated 'Written for COI, March 1966' at top of first page; brief correspondence with the COI, 1966.
- J.31 'Research Establishments'. Book review of *The organisation of research establishments* edited by Sir John Cockcroft (Cambridge University Press, 1965), in *Chemistry and Industry*, 26 March 1966.
- 9pp annotated typescript.

- J.32 Book review of *Statesmen of Science* by J.G. Crowther (The Cresset Press, London, 1965) in *Nature* **210**, 2 April 1966.

3pp typescript.
- J.33 'Sixth year Physics'.

5pp typescript; brief correspondence with *The Times Educational Supplement Scotland*, August 1966.
- J.34 'Scientists and statesmen: The example of Henry Tizard', *Minerva* **4**, No. 2 (Winter 1966) pp 202-214.

20pp typescript and related correspondence, 1965-1966.
- J.35 'The Wizard War'. Book review of *Instruments of darkness* by A. Price (William Kimber, London, 1967).

3pp typescript.
- J.36, J.37 Articles in *A biographical dictionary of scientists* edited by T.I. Williams (A. & C. Black, London, 1969).
- J.36 2pp typescript re Sir Henry Tizard
- J.37 2pp typescript re Sir Francis Simon.
- J.38 Book review of *Fallacies* by C.L. Hamblin (Methuen, 1970) in *Nature* **227**, 18 July 1970.

6pp annotated typescript.
- J.39 'Scientists as an inferior class', *Minerva* **9**, No. 1 (January 1971) pp 136-140.

9pp typescript.

- J.40 Letter to *The Times*, 17 November 1971.
- 1p typescript *re* the break in publication of *New Scientist and Science Journal*; newspaper cutting of the printed letter.
- Jones was one of nine signatories to the letter in *The Times*.
- J.41 Review of *Minutes of managers' meetings, 1799-1900*, edited by F. Greenaway (Scolar Press, 1971), volumes I and II in the 'Archives of the Royal Institution of Great Britain in facsimile' series.
- 2pp typescript.
- J.42 Review of *The posthumous works of Robert Hooke*, 2nd edition with an introduction by T.M. Brown (Cass, 1971) in *New Scientist*, 20 April 1972.
- 5pp typescript entitled 'One of a handful'; 5pp manuscript draft.
- J.43 "Fresnel Aether Drag' in a transversely moving medium', *Proc. R. Soc. Lond. A.* **328** (1972) pp 337-352.
- Photocopy of 19pp typescript + captions.
- See also D.8.
- J.44 'Temptations and risks of the scientific adviser', *Minerva* **10**, No. 3 (July 1972) pp 441-451.
- 16pp typescript entitled 'Guide lines for the practice of operations research', with covering letter to the editor of *Minerva*, 1972.
- J.45 Book review of *The Nature of Matter* by O.R. Frisch (Thames and Hudson, 1972).
- 7pp manuscript draft.
- J.46 Book review of *The Challenge of war* by G. Hartcup (David & Charles, 1972) in *Electronics and Power*, October 1972.
- Proof.

- J.47 Book review of *The Physicist's conception of nature* edited by J. Mehra (Reidel, 1973).

5pp annotated typescript; proof. n.d.
- J.48 Book review of *The World of Walther Nernst: the rise and fall of German Science* by K. Mendelssohn (Macmillan, 1973) in *Nature* **245**, 14 September 1973.

4pp annotated typescript.
- J.49 Letter to *The Times*, 18 October 1973 (declined).

Copy of 1p typescript letter by Jones re a research grant to two sociologists, with reply from *The Times*, October 1973.
- J.50 Book review of *Thematic origins of scientific thought: Kepler to Einstein* by G.J. Holton (1973).

Proof, 25 October 1973.
- J.51 Book review of *O.R. in World War 2: operational research against the U-boat* by C.H. Waddington (Elek Science, London, 1973).

3pp typescript, n.d.
- J.52 Book review of *Fields of force: the development of a world view from Faraday to Einstein* by W. Berkson (Routledge and Kegan Paul, 1974).

Proof, 11 April 1974.
- J.53 Book review of *The book of knowledge of ingenious mechanical devices* by Al-Jazari, translated and annotated by D.R. Hill (1974).

2pp annotated typescript entitled 'Mechanical Technology in Islam', n.d.
- J.54 Book review of *The History of quantum theory* by F. Hund, translated by G. Reece (Harrap, 1974).

Proof, n.d.

- J.55 'Alexander Charles George Menzies', *Yearbook of the Royal Society of Edinburgh*, (1975) pp 35-38.
- Photocopy of 5pp typescript; photocopy of proof.
- See also F.26-F.28.
- J.56 'The theory of practical joking – an elaboration', *Bulletin of the Institute of Mathematics and its Applications* **11**, (January/February 1975), pp 10-17.
- 31pp typescript.
- J.57 Book review of *The Cavendish Laboratory, 1874-1974* by J.G. Crowther (Macmillan, 1974) in *Nature* **254**, 20 March 1975.
- 4pp typescript.
- J.58, J.59 Letter to *The Times*, 24 May 1975.
- J.58 Photocopy of 3pp typescript *re* the problems caused by the expansion of higher education; photocopy of a related article.
- J.59 Letters to Jones in response to his published letter, May 1975.
- J.60 'Delusions in defence: Atomic politics 1945-52'. Book review of *Independence and deterrence. Britain and atomic energy 1945-1952* by M. Gowing (Macmillan, 1974) in *British Journal for the History of Science* **8**, Part 3, November 1975.
- Photocopy of 7pp typescript.
- J.61 Book review of *Scottish Philosophy and British Physics, 1750-1850: A study in the foundations of the Victorian scientific style* by R. Olson (Princeton University Press, 1975) in *Nature* **258**, 6 November 1975.
- Photocopy of 3pp typescript + caption; proof.

- J.62 Appreciation of Sir George Paget Thomson, *Physics Bulletin* **27** (January 1976) pp 37-38.
- Proof.
- See also F.30, F.31.
- J.63 Letter to *The Times*, 26 February 1976.
- 1p typescript *re* the standard of politician's language.
- J.64 'Macrocosmographia Academica', *Oxford Review of Education* **2**, No.1 (1976) pp 27-37.
- 22pp typescript.
- J.65 'The optical micrometer', *Optical Engineering* **15**, No. 3 (May-June 1976) pp 247-250.
- 12pp typescript + captions.
- J.66 Letter to *The Times*, 10 September 1976.
- Photocopy of 2pp typescript *re* immigration laws.
- J.67 Obituary of A.P. Rowe, *Nature* **263** (30 September 1976) pp 449-450.
- 6pp annotated typescript; 5pp typescript.
- See also F.29.
- J.68 'Methodologies and myths'. Book review of *Method and appraisal in the physical sciences: The critical background to modern science, 1800-1905* edited by C. Howson (Cambridge University Press, 1976) in *Nature* **264**, 11 November 1976.
- Photocopy of 5pp typescript entitled 'Methodological balderdash or nullius in verba'.

- J.69 Obituary of Sir David Martin, *Nature* **266** (24 March 1977).

Photocopy of 5pp typescript.

See also F.23, F.24.
- J.70 'The measurement of optical radiation pressure in dispersive media', with B. Leslie, *Proc. R. Soc. Lond. A.* **360** (1978) pp 347-363.

Photocopy of 22pp typescript + tables + figures.
- J.71 Book review of *Life of Franklin* by J.W. Draper, edited by R.S. Wilkinson (Library of Congress, Washington DC, 1977) for *Annals of Science Reviews*.

Photocopy of 3pp typescript; brief correspondence with the editor of *Annals of Science Reviews*, 1978.
- J.72-J.397 *Most Secret War* (Hamish Hamilton, London, 1978). Published in the USA as *The Wizard War* (Coward, McCann and Geoghegan, 1978).
- | | |
|-------------|-------------------------------|
| J.72-J.189 | Drafts |
| J.190-J.345 | Correspondence |
| J.346-J.361 | Reviews |
| J.362-J.367 | Publicity |
| J.368-J.396 | Photographs and illustrations |
| J.397 | Background material |

J.72-J.189 Drafts

J.72-J.96 Early series of drafts.

These drafts are an early sequence of Jones' reminiscences which appear to have been brought together with a view to their publication. There is a typescript list of chapters at J.72 and the drafts at J.73-J.91 are presented in the order in which they appear on this list. Although the titles of the drafts at J.92-J.96 are not mentioned on the list it is clear from their form and content that they belong with the rest of this material.

J.72 1p typescript list of chapters.

J.73 'The men who went first', 15pp manuscript draft.

J.74 'The men who went first', 21pp manuscript draft inscribed 'Draft 2' on first page.

J.75 'The men who went first', 15pp annotated typescript.

J.76 'Diana', 9pp annotated typescript.

J.77 'Ivan – Part I', 10pp annotated typescript; 'Ivan – Part II', 6pp typescript.

J.78 'Prelude to War', 5pp typescript.

'The Inspector from Scotland Yard', 7pp typescript.

J.79 'A.R.L.', 15pp typescript.

J.80 'The day before war broke out', 8pp typescript.

J.81 'Revelations from the Secret Service', 5pp typescript.

- J.82 'Fitzroy', 5pp typescript.
- J.83 'Lunch at Bomber Command', 9pp typescript.
- J.84 'Pineapple', 7pp typescript.
- J.85 'Inspector Thomson', 5pp typescript.
- J.86 'A Trip to Aberdeen', 8pp typescript.
- J.87 'D-Day', 12pp annotated typescript.
- J.88 'Soire de Paris', 8pp annotated typescript.
- J.89 'Obscene Traffic and Black Marketeers', 11pp typescript.
- J.90 'Swords into ploughshares, bombs into saucers', 15pp typescript.
- J.91 'Another Trip to Aberdeen', 9pp typescript.
- J.92 'The Atrocious Crime', 12pp annotated typescript.
- J.93 'Unaccustomed as I was', 14pp typescript.
- J.94 'The Quietest Week-End', 11pp typescript.
- J.95 'The Pneumatic Monkey', 12pp typescript.

- J.96 Untitled, 6pp typescript *re* events in 1935, including the hoaxing of a German newspaper correspondent by Jones.
- J.97-J.142 First draft, ca 1976.
- The chapters in this draft were arranged in order using letters of the alphabet. The letters and the chapter titles are reproduced in the entries below.
- The drafts are double-sided photocopies of annotated typescripts.
- J.97 'A'. Untitled, 19pp *re* family history and the First World War years.
- J.98 'B'. Untitled, 6pp *re* Jones' education at Sussex Road School, London.
- J.99 'C'. 'Alleyn's', 26pp.
- J.100 'D'. 'The 20's', 13pp.
- J.101 'E'. 'Wadham', 14pp.
- J.102 'F'. 'Diana', 6pp.
- 'G'. 'Physics Finals', 9pp.
- J.103 'H'. 'The tutorial system', 7pp.
- J.104 'I'. 'Research student', 16pp.
- J.105 'J'. 'Daphne', 8pp.
- J.106 'K'. '1933-34', 12pp.

- J.107 'L'. 'Celestial objects', 13pp.
- J.108 'M'. 'The Memoirs of Casanova', 7pp.
- 'N'. 'Infra-red', 6pp.
- J.109 'O'. 'A skirmish with the Abwehr', 4pp.
- 'P'. 'Infra-red airborne', 13pp.
- J.110 'Q'. 'Inferior red', 19pp.
- J.111 'R'. 'Air Ministry interlude', 4pp.
- 'S'. 'A call from Scotland Yard', 4pp.
- J.112 'T'. 'A.R.L.', 15pp.
- 'U'. 'The day before war broke out', 6pp.
- J.113 'A'. 'The secret weapon', 13pp.
- J.114 'B'. 'The Oslo Report', 6pp.
- 'C'. 'The price of Admiralty', 11pp.
- J.115 'D'. 'The Phoney War', 19pp.
- J.116 'E'. 'The crooked leg', 17pp.

- J.117 'F'. 'Reflections', 6pp.
- 'G'. 'The fortunes of Major Wintle', 4pp.
- 'H'. 'The Fifth Column', 8pp.
- J.118 'I'. 'The Edda revived, 7pp.
- 'J'. 'Operation Smith', 2pp.
- 'K'. 'Knickbein jammed', 4pp.
- J.119 'L'. 'Knickbein photographed', 5pp.
- 'M'. 'The X-Apparatus', 13pp.
- J.120 'N'. 'Coventry', 8pp.
- 'O'. 'Target No. 54', 10pp.
- J.121 'P'. 'The atrocious crime', 19pp.
- J.122 'Q'. 'Wotan's other eye', 6pp.
- 'S'. 'Retrospect', 4pp.
- J.123 'A'. 'The intelligence attack begins', 33pp.
- J.124 'B'. 'Sideshowes of 1941', 18pp.

- J.125 'C'. 'Jay', 10pp.
- 'D'. 'The Baedeker beams', 6pp.
- J.126 'E'. 'The Bruneval Raid', 22pp.
- J.127 'F'. 'The Kammhuber Line', 22pp.
- J.128 'G'. 'Lichtenstein', 10pp.
- 'H'. 'el Hatto', 9pp.
- 'I'. 'Pineapple', 6pp.
- J.129 'J'. 'Revelations from the Secret Service', 16pp.
- 'K'. 'Heavy water', 6pp.
- J.130 'L'. 'Full stretch', 25pp.
- J.131 'M'. 'Window', 18pp.
- 'N'. 'Hamburg', 9pp.
- J.132 'O'. 'Peenemünde', 22pp.
- J.133 'P'. 'FZG 76', 28pp.
- J.134 'Q'. 'The Americans convinced', 7pp.
- 'R'. ' "Flames": Problems of Bomber Command', 26pp.

J.135 'S'. 'The Baby Blitz', 4pp.

'T'. 'D-Day', 17pp.

J.136 'U'. 'V-1', 25pp.

J.137 'V'. 'V-2', 47pp.

J.138 'W'. 'Bomber triumph', 11pp.

'X'. 'Nuclear energy', 20pp.

J.139 'Y'. 'A.D.I. (Science) Overseas', 16pp.

J.140 'Z'. 'The year of madness', 14pp.

J.141 'AA'. 'German Generals', 10pp.

'BB'. 'Swords into ploughshares, bombs into saucers', 10pp.

J.142 'CC'. 'Exeunt', 19pp.

'Epilogue', 14pp.

J.143-J.189 Second draft, 1977.

As with the first draft Jones arranged the chapters in order using letters of the alphabet. The letters and the chapter titles are reproduced in the entries below.

The drafts are photocopies of annotated typescripts unless otherwise stated. A number of drafts also include photocopies of illustrations.

- J.143 1p dedication; 4pp figure captions; 6pp plate captions; 2pp foreword, with
2pp draft; 1p acknowledgements.
- J.144 'Introduction', 4pp typescript.
- J.145 'A'. 'The men who went first', 14pp (annotated by Jones).

 'A (revised)'. 'The men who went first', 13pp.
- J.146 'B'. 'Friends and rivals', 10pp.
- J.147 'C'. 'The Clarendon Laboratory 1936-1938', 18pp.
- J.148 'D'. 'Inferior red 1936-1938', 14pp.
- J.149 'E'. 'Exile', 11pp.

 'F'. 'The day before war broke out', 6pp.
- J.150 'G'. 'The secret weapon', 12pp.
- J.151 'H'. 'The Oslo Report', 6pp.

 'I'. 'A plan for intelligence', 10pp.
- J.152 'J'. 'The Phoney War', 19pp.
- J.153 'K'. 'The crooked leg', 16pp.

- J.154 'L'. 'Reflections', 8pp.
- 'M'. 'The fortunes of Major Wintle', 4pp.
- J.155 'N'. 'The Fifth Column', 7pp.
- 'O'. 'The Edda revived', 7pp.
- J.156 'P'. 'Operation Smith', 2pp.
- 'Q'. 'Knickbein jammed', 4pp.
- 'R'. 'Knickbein photographed', 5pp.
- J.157 'S'. 'The X-Apparatus', 11pp.
- J.158 'T'. 'Coventry', 10pp.
- 'U'. 'Target No. 54', 9pp.
- J.159 'V'. 'The atrocious crime', 17pp.
- J.160 'W'. 'Wotan's other eye', 7pp + illustration.
- 'X'. 'Retrospect and prospect', 9pp.
- J.161 'Y'. 'Freya', 17pp.
- J.162 'Z'. 'Beams on the wane', 14pp.
- J.163 'AA'. 'Jay', 10pp.

- J.164 'BB'. 'Wurzburg', 12pp + illustrations.
- J.165 'CC'. 'The Bruneval Raid', 21pp + illustrations.
- J.166 'DD'. 'The Baedeker beams', 5pp.
- 'EE'. 'el Hatto', 8pp.
- 'FF'. 'Pineapple', 5pp + illustration.
- J.167 'GG'. 'The Kammhuber', 16pp + illustration.
- J.168 'HH'. 'Lichtenstein', 9pp.
- J.169 'II'. 'Window', 21pp.
- J.170 'JJ'. 'Hamburg', 9pp.
- J.171 'KK'. 'Heavy water', 5pp.
- 'LL'. 'Revelations from the Secret Service', 11pp.
- J.172 'MM'. 'Full stretch', 21pp + illustrations.
- J.173 'NN'. 'Peenemünde', 21pp + illustrations.
- J.174 'OO'. 'FZG 76', 30pp + illustrations.
- J.175 'PP'. 'The Americans convinced', 6pp.

- J.176 'QQ'. ' 'Flames': Problems of Bomber Command', 21pp + illustrations.
- J.177 'RR'. 'The Baby Blitz', 4pp + illustration.

'SS'. 'D-Day', 16pp + illustrations.
- J.178 'TT'. 'V-1', 22pp + illustrations.
- J.179 'UU'. 'V-2', 42pp + illustrations.
- J.180 'VV'. 'V-3', 4pp.

'WW'. 'Bomber triumph', 9pp + illustrations.
- J.181 'XX'. 'Nuclear energy', 17pp.
- J.182 'YY'. 'A.D.I. (Science) Overseas', 13pp.
- J.183 'ZZ'. 'The year of madness', 11pp.
- J.184 'AAA'. 'German Generals and staff colleges', 10pp.

'BBB'. 'Swords into ploughshares, bombs into saucers', 9pp.
- J.185 'CCC'. 'Exeunt', 16pp.
- J.186 'Epilogue', 13pp.
- J.187 'Notes to go after main text', 3pp; 'Glossary of abbreviations and code names', 6pp.

J.188, J.189	Typescript lists of corrections to the second draft: photocopies of revised typescript pages. 2 folders.	
J.190-J.345	Correspondence	1967-1997
J.190-J.204	Pre-publication correspondence, 1967-1978, n.d. This correspondence relates mostly to drafts of <i>Most Secret War</i> and includes numerous reminiscences by Jones' war colleagues.	
J.190-J.192	1967, 1971-1976. Includes 2pp typescript by Jones entitled 'Confidentiality and memoirs', 10 November 1976, with earlier annotated typescript draft. 3 folders.	
J.193, J.194	August 1976-May 1977. Correspondence with E.B. Haslam, Ministry of Defence. 2 folders.	
J.195, J.196	October–November 1976. Correspondence with F.C. Frank re the first draft of <i>Most Secret War</i> , together with pages of the draft annotated by him. 2 folders.	
J.197-J.202	1977. 6 folders.	
J.203	1978.	
J.204	n.d. Includes 2pp manuscript lists of possible titles for the book.	

- J.205-J.233 'Hamish Hamilton'. Contents of two box files so labelled.
- This material consists largely of correspondence with Hamish Hamilton Ltd, the publishers of *Most Secret War*. There is also a small sequence of correspondence with Coward, McCann & Geoghegan Inc. who published the book in the United States under the title *The Wizard War*.
- J.205-J.227 Correspondence with Hamish Hamilton Ltd, 1976-1997.
- The correspondence relates largely to the editing and printing of the book. There is also a little correspondence with Hodder & Stoughton Ltd.
- J.205 1976.
- J.206-J.210 January-July 1977.
- 5 folders.
- J.211-J.217 August-December 1977.
- Includes photocopies of source material for use in a promotional dossier; photocopy of 57pp annotated typescript index to the book.
- 7 folders.
- J.218-J.221 1978.
- Includes papers *re* arrangements for book launches.
- 4 folders.
- J.222-J.225 1979.
- Includes correspondence with Hodder & Stoughton Ltd *re* the publication of *Most Secret War* in paperback.
- 4 folders.
- J.226 1980-1983.
- J.227 1986, 1987, 1995-1997.

J.228-J.233	<p>Correspondence with Coward, McCann & Geoghegan Inc. relating to the editing and publication of <i>The Wizard War</i>, 1977-1981.</p> <p>6 folders.</p>
J.234-J.304	<p>'Book correspondence'. Contents of four box files so labelled, divided into seventy one folders for ease of reference, 1977-1997.</p> <p>General correspondence relating to <i>Most Secret War</i>, including a significant number of letters of appreciation from readers and reminiscences from World War Two veterans.</p>
J.234	<p>1977.</p>
J.235-J.252	<p>1978.</p> <p>18 folders.</p>
J.253-J.260	<p>1979.</p> <p>8 folders.</p>
J.261-J.267	<p>1980.</p> <p>7 folders.</p>
J.268-J.273	<p>1981.</p> <p>6 folders.</p>
J.274-J.278	<p>1982.</p> <p>5 folders.</p>
J.279-J.281	<p>1983.</p> <p>3 folders.</p>

J.282-J.284 1984.
3 folders.

J.285, J.286 1985.
2 folders.

J.287, J.288 1986.
2 folders.

J.289-J.291 1987.
3 folders.

J.292 1988.

J.293, J.294 1989.
2 folders.

J.295, J.296 1990.
2 folders.

J.297, J.298 1991.
2 folders.

J.299, J.300 1992.
2 folders.

J.301 1993.

J.302	1994.
J.303	1995.
J.304	1996-1997.
J.305-J.323	<p>'Informed Comments'. Contents of box file so inscribed, divided into nineteen for ease of reference, 1978-1985.</p> <p>Correspondence relating to incidents mentioned by Jones in <i>Most Secret War</i>.</p>
J.305-J.311	<p>1978.</p> <p>7 folders.</p>
J.312-J.315	<p>1979.</p> <p>4 folders.</p>
J.316-J.318	<p>1980.</p> <p>3 folders.</p>
J.319	1981.
J.320, J.321	<p>1982-1983.</p> <p>Includes correspondence <i>re</i> criticisms of <i>Most Secret War</i> by U. Powys-Lybbe in her book <i>The Eye of Intelligence</i>.</p> <p>2 folders.</p>
J.322	1984.
J.323	1985.

- J.324-J.342 'Post Pub Checks'. Contents of box file so inscribed, divided into nineteen for ease of reference. 1978-1982.
- Correspondence relating to matters raised in *Most Secret War*.
- J.324-J.329 1978.
- 6 folders.
- J.330-J.338 1979.
- Includes correspondence with Sir Bernard Lovell *re* the use of NAXOS by German night fighters.
- 9 folders.
- J.339-J.341 1980.
- 3 folders.
- J.342 1981-1982.
- J.343-J.345 'MSW Odd Requests'. Contents of box file so labelled, divided into three for ease of reference. 1978-1987.
- Includes photocopy of 31pp typescript by J.C. Harvey entitled 'The Battle of the Beams', 1984.
- 3 folders.
- J.346-J.361 Reviews 1978-1984
- J.346-J.354 'Reviews'. Contents of box file so labelled, divided into nine for ease of reference. 1978-1984.
- Cuttings and photocopies of reviews of *Most Secret War*, with a little related correspondence.
- J.346-J.353 1978.
- 8 folders.

- J.354 1979-1984.
- J.355-J.361 'American reviews'. Contents of box file so labelled, divided into seven for ease of reference. 1978-1983.
- J.355 Letters of appreciation from American readers, 1978.
- J.356-J.360 Cuttings and photocopies of reviews of *The Wizard War*, 1978-1983.
5 folders.
- J.361 Two newspaper advertisements for *The Wizard War*, 2pp typescript notes and 1p manuscript notes by Jones *re* critical American reviews.
- J.362-J.367 Publicity 1978
- J.362-J.365 Papers relating to the serialisation of excerpts from *Most Secret War* in the *Sunday Telegraph* during February 1978.
- J.362 Correspondence, January-March 1978.
- J.363 Newspaper cuttings from the *Sunday Telegraph* of serialised excerpts, February 1978.
- J.364 Newspaper cutting of D.A. Jackson's letter to the *Sunday Telegraph* (printed on 12 March 1978) *re* the account of the Window operation given in the serialisation; newspaper cutting of Jones' reply to Jackson's letter (printed in the *Sunday Telegraph* on 19 March), with 3pp typescript draft.
- J.365 Two posters, advertising *Most Secret War* and its serialisation.
- J.366 Newspaper cuttings from the *Aberdeen Press and Journal* of serialised excerpts from *Most Secret War*, February 1978.

- J.367 Publicity pack produced by Hamish Hamilton to promote *Most Secret War*, containing copies of secret wartime reports, photographs etc. 1978.
- J.368-J.396 Photographs and illustrations
- J.368-J.373 Correspondence relating to photographs used by Jones in *Most Secret War*, 1976-1982, 1989, 1994.
- 6 folders.
- J.374-J.380 Photographic and illustrative material used in *Most Secret War*.
- 76 items, in 7 folders.
- J.381-J.383 Figures used in *Most Secret War*.
- 32 items, in 3 folders.
- J.384, J.385 'RVJ's photos of Lichtenstein in Ju 88 landed at Dyce. 9.5.43'. Contents of envelope so inscribed.
- 46 photographs, in 2 folders.
- J.386 Five photographs (annotated by Jones on the reverse side) of Lichtenstein equipment in a Junkers 88 nightfighter which landed at Dyce, near Aberdeen, May 1943.
- J.387-J.396 Miscellaneous photographic and illustrative material assembled by Jones for possible reproduction in *Most Secret War* but not used. Listed by subject.
- J.387-J.391 Aerial reconnaissance, 1940-1944, n.d.
- 33 photographs, in 5 folders.
- J.392 Individuals (some identified on the reverse side), 1943-1944, n.d.
- 13 photographs.

- J.393-J.395 Military equipment, 1944, n.d.
31 items, in 3 folders.
- J.396 Documents.
10 items.
- J.397 Background material
- J.397 3pp manuscript calculations by Jones; photocopies of printed material.
- J.398 Foreword to *Six Faces of Courage* by M.R.D. Foot (Eyre Methuen, 1978).

Two 7pp typescript drafts; manuscript notes by Jones; correspondence with the publishers, April-May 1978.
- J.399 'War by misadventure'. Review of *The Third World War August 1985: a Future History* by Sir John Hackett *et al* (Sidgwick & Jackson, 1978) in *Futures* **10**, October 1978.

8pp typescript.
- J.400 'Philosophers and Kings'. Review of *The Adviser* by H. Goldhamer (Elsevier, New York, 1978) in *Minerva* **16**, 1978.

12pp annotated typescript draft; photocopy of 11pp typescript; proof.
- J.401 'The significance of Ultra', 14pp annotated typescript so entitled, ca 1978.
- J.402 'Radiation pressure and 'aether drag' in a dispersive medium', *Nature* **277** (1 February 1979).

3pp typescript draft.

- J.403 Foreword to *Intercept: the Enigma War* by Jozef Garlinski (J.M. Dent, London, 1979).
Photocopy of 3pp typescript; brief related correspondence, 1978-1979.
- J.404 'Alfred Ewing and 'Room 40'', *Notes and Records of the Royal Society of London* **34** (July 1979).
5pp typescript draft; correspondence *re* publication.
- J.405 Letter to the *Scotsman*, 19 November 1979.
Photocopy of 2pp typescript letter *re* railway maintenance.
- J.406 'Ful of hy sentence'. Review of *Disturbing the Universe* by F. Dyson (Harper and Row, New York, 1979).
3pp typescript.
- J.407 Article by Jones relating to the establishment of a new journal *Precision Engineering*, ca 1979.
Photocopy of 2pp typescript.
- J.408 'The pursuit of physics', *ISCO Careers Bulletin*, no. 166 (Spring 1980).
Photocopy of 6pp typescript.
- J.409 Letter to *The Times*, 17 December 1980.
2pp typescript letter *re* the Civil Service; cutting of a related letter to *The Times*.
- J.410, J.411 'Genius and genocide'. Review of *John von Neumann and Norbert Wiener: From Mathematics to the technologies of life and death* by S.J. Heims (M.I.T. Press, 1980) in *Minerva* **19**, no. 1, Spring 1981.
- J.410 10pp typescript.

- J.411 6pp annotated typescript draft.
- J.412, J.413 Foreword to *Hidden weapons: Allied secret or undercover services in World War II* by B. Collier (Hamish Hamilton, 1982).
- J.412 3pp typescript.
- J.413 Correspondence with the publishers, 1981-1982.
- J.414 Letter to the *Daily Telegraph* (sent 25 April 1983).

Photocopy of 4pp manuscript letter *re* gas warfare and deterrence in World War II.
- J.415 Letter to *The Times Higher Educational Supplement*, 6 May 1983.

Annotated photocopy of 3pp manuscript draft letter *re* the exclusion of dissenters from universities in previous centuries; photocopy of printed response by G.M. Ditchfield.
- J.416 'The Falklands: An unplanned contingency in air defence', *Journal of Electronic Defense*, June 1983.

20pp manuscript draft.
- J.417 Letter to the *Guardian* (no evidence of publication).

Photocopy of 1p letter *re* the awarding of degrees, 4 July 1983.
- J.418-J.422 Preface to *ALSOS* by S.A. Goudsmit (Tomash Publishers, Los Angeles, 1983, 2nd edition).
- J.418 13pp incomplete manuscript draft (most pages have earlier draft writings by Jones on the verso).
- J.419 Annotated photocopy of 11pp typescript draft, with 4pp manuscript additions.

- J.420 13pp typescript.
- J.421 12pp proof.
- J.422 Correspondence *re* the drafting and publication of Jones' preface, 1982-1985.
- J.423 Review of *The National Physical Laboratory: A History* by E.C. Pyatt (Adam Hilger Ltd, 1983).

6pp manuscript draft.
- J.424 Letter to *The Times* (no evidence of publication).

Photocopy of 1p typescript letter *re* the 'Robbins principle', 18 May 1984.
- J.425 Letter to *The Times* (declined).

Photocopy of 1p manuscript letter concerning the possible closure of coal mines, 25 June 1984; brief correspondence *re* the decision not to publish the letter, July-September 1984.
- J.426-J.428 'In search of the Knickebein beams' in *The Pathfinder Station: A History of Wyton Airfield* by S. Peach (souvenir edition, June 1984).

'Battle of the beams', *Fly Past*, August 1984.

Jones wrote this article for the souvenir edition of *The Pathfinder Station*, as part of his involvement with plans for a commemorative flight by an Anson aircraft on 21 June 1984 to mark the discovery of the Knickebein beams 44 years earlier. The article was reproduced a couple of months later in the magazine *Fly Past*.
- J.426 8pp manuscript draft; 6pp typescript.
- J.427 Souvenir copy of *The Pathfinder Station*; cutting of Jones' article in *Fly Past*.

- J.428 Correspondence and newspaper articles relating to the commemorative flight, 1984.
- J.429 'The engineers' petard?', *J. Phys. E: Sci. Instrum.* **17** (1984).
2pp proof.
- J.430 Letter to *The Times* (no evidence of publication).
2pp typescript letter *re* accountability to Parliament on intelligence matters, with covering letter to the Editor, 14 February 1985.
- J.431-J.440 'Complementarity as a way of life' and 'Meetings with Niels Bohr: Wartime and after', in *Niels Bohr: A centenary volume* edited by A.P. French and P.J. Kennedy (Harvard UP, 1985).
- J.431, J.432 21pp manuscript draft, 13pp typescript draft and photocopy of 6pp condensed typescript draft of 'Complementarity as a way of life'.
2 folders.
- J.433, J.434 12pp manuscript draft, 12pp typescript draft and photocopy of 10pp typescript draft of 'Meetings with Niels Bohr: Wartime and after'.
2 folders.
- J.435, J.436 Correspondence with the editors, 1983-1985; brief exchange with A. Kramish *re* Bohr and the 'Heisenberg sketch', 1995.
2 folders.
- J.437-J.440 Background material.
- J.437 3pp of diagrams by Niels Bohr, May 1944; two brief letters to Jones from Bohr *re* visits to Britain, 1947, 1949.

A note by Jones, accompanying the diagrams states 'These diagrams were drawn by Niels Bohr in (about) May 1944 when he had escaped to London, and was giving 'tutorials' to Charles Frank and me'.

- J.438 Correspondence relating to Bohr, 1965-1968, n.d.
- Includes 5pp typescript letter from Jones to N. Kurti *re* Bohr's interview with Churchill in 1944, 3 February 1965.
- J.439, J.440 Printed material.
- 2 folders.
- J.441 Obituary of Gordon Welchman, *The Times*, 17 October 1985.
- 3pp manuscript draft.
- J.442 Review of *The Papers of Joseph Henry: Volume 5 1941-1943, The Princeton Years* edited by N. Reingold (Smithsonian Institution Press, 1985).
- 3pp manuscript draft.
- J.443, J.444 'The rise and fall of British Industry'. Review of *The Audit of War* by C. Barnett (Macmillan, 1986) in *New Scientist*, 10 July 1986.
- 9pp manuscript draft and 5pp typescript entitled 'Victory into Defeat!'.
2 folders.
- J.445, J.446 'The path to solid success'. Review of *A Life in Science* by Sir Nevill Mott (Taylor & Francis, 1986) in *Nature* **322**, 10 July 1986.
- 10pp manuscript draft; 5pp typescript.
2 folders.
- J.447 Review of *The Royal Institution: an informal history* by G.M. Caroe (Murray, London, 1985) in *Notes and Records of the Royal Society of London* **41**, October 1986.
- 9pp manuscript draft.

- J.448 'A merchant of light'. Review of *The Griffin: The greatest untold espionage story of World War II* by A. Kramish (Houghton Mifflin, 1986) in *Nature* **325**, 15 January 1987.
- 6pp manuscript.
- See also B.445, B.446.
- J.449 Letter to *The Times*, 19 January 1987.
- 4pp manuscript draft and 3pp typescript *re* the slow development of British airborne early warning systems.
- J.450, J.451 Letter to *The Times*, 22 June 1987.
- 4pp manuscript draft and photocopy of 2pp typescript *re* the problems facing Aberdeen University; background material.
- 2 folders.
- J.452 Letter to *Physics Bulletin* **38**, 1987.
- Photocopy of 2pp typescript *re* lecturing, 8 September 1987.
- J.453-J.455 Article for *The Blitz – then and now* edited by W.G. Ramsey (Battle of Britain Prints International, London, 1987).
- J.453 41pp manuscript draft.
- J.454 29pp typescript.
- J.455 Correspondence with the editor etc, 1986-1987.
- J.456 Article for *The Scientist*, ca 1987.
- 5pp typescript reminiscence by Jones *re* his experiments to detect the influence of the Sun and Moon on the apparent vertical; correspondence relating to the article, 1986-1987.

J.457-J.481 *Instruments and experiences: papers on measurement and instrument design* (Wiley, 1988).

This book was part of a series by John Wiley & Sons on Measurement Science and Technology. It is for the most part a collection of papers by Jones relating to instrument design, selectively assembled and arranged by subject. New material was provided in the form of introductory commentaries for each group of papers and two chapters dealing with more general aspects of instrument design.

J.457-J.469 Drafts.

The drafts are arranged in the order in which they appear in the book.

J.457 Contents list, 8pp manuscript draft, photocopies of 4pp and 8pp typescript drafts.

Introduction, 1p manuscript draft and photocopy of 2pp typescript draft.

J.458 Photocopy of 7pp typescript draft *re* Jones' work in the 1930s on infrared radiation, paginated 2-8 with first page missing.

J.459 'First projects at Aberdeen 1946-1950 Crystal Growing', photocopy of 6pp typescript, paginated 9-14.

'Optical levers' photocopy of 7pp typescript.

J.460 'Chapter 2 First projects at Aberdeen', photocopy of 19pp typescript.

J.461 'A calibration device for optical levers', photocopy of 2pp typescript + figure.

'A directional stabiliser for a laser beam', photocopy of 2pp typescript + figure.

- J.462 'Spring movements', photocopy of 7pp typescript.
- 'Microbarographs', photocopy of 6pp typescript.
- J.463 'Capacitance micrometers', photocopy of 5pp typescript.
- 'The radiation pressure of light', photocopy of 10pp typescript.
- J.464 'Measurements of 'aether drag'', photocopy of 5pp typescript.
- 'Rotary 'aether drag'', photocopy of 4pp typescript.
- J.465, J.466 'Chapter 9 Some considerations in instrument design', photocopies of 31pp
 and 35pp typescripts.
- 2 folders.
- J.467, J.468 'Chapter 10 Some trends in instrument design', photocopies of 37pp
 typescript and 30pp typescript draft with manuscript additions.
- 2 folders.
- J.469 'Some trends in instrument design', 1p manuscript list of subheadings.
- 'The brotherhood of instrumentation', two 4pp manuscript drafts.
- J.470-J.475 Correspondence relating to the publication of the book, 1985-1988.
- 6 folders.

- J.476 Photocopies of three reviews of *Instruments and experiences*, 1988.
- J.477 Letters of appreciation etc, 1990.
- J.478-J.481 'I and E background'. Contents of box file so labelled divided into five for ease of reference.

Letters of appreciation to Jones *re* his work on instrument design etc, 1952-1985; miscellaneous manuscript notes by Jones, n.d.

4 folders.
- J.482 Recommendation for dust jacket of *The war of invention: scientific developments 1914-1918* by G. Hartcup (Brassey's, London, 1988).

Photocopy of 1p typescript with related correspondence, 1987.
- J.483-J.485 Foreword to *Changing Direction: British military planning for post-war strategic defence, 1942-1947* by J.M. Lewis (Sherwood Press, 1988).
- J.483 6pp manuscript draft; photocopies of 4pp typescript and 2pp annotated proof.
- J.484, J.485 Correspondence with J.M. Lewis *re* various matters including the publication of *Changing Direction*, 1983-1989.

2 folders.
- J.486 'Academic freedom and tenure'. Article sent to *The Times* (declined), June 1988.

6pp typescript.

J.487-J.642 *Reflections on Intelligence* (Heinemann, 1989).

The material presented below relates in effect to two very different books. The first of these, 'No Easy Chair', was intended by Jones as a follow up to *Most Secret War*, covering his experiences before and after the Second World War. By the middle of 1987, however, his plans to publish such a book appear to have been abandoned. Instead the book he finally produced, *Reflections on Intelligence*, was much less autobiographical and focussed instead largely on issues relating to intelligence, security and defence.

J.487-J.543 'No Easy Chair'

J.487-J.520 Drafts

J.521-J.543 Background material

J.544-J.642 *Reflections on Intelligence*

J.544-J.610 Drafts

J.611-J.629 Correspondence

J.630-J.633 Reviews

J.634, J.635 Background material

J.636-J.642 Photographs

J.487-J.543 'No Easy Chair'

J.487-J.520 Drafts

The drafts of chapters for 'No Easy Chair' are arranged in the order in which they are given in the list at J.490.

J.487-J.489 Manuscript draft outlines of the structure and content of the book, 1982-1985, n.d.

3 folders.

J.490 'R.V.J. Book: Tentative Contents, February 1987', photocopy of 1p typescript list of chapters so entitled.

J.491 'Preface', 2pp manuscript draft and 1p typescript.

- J.492 'Chapter One The Failure of Success: 1600-1900 A.D.', 14pp manuscript draft and annotated photocopy of 9pp typescript.
- J.493 'Science in World War I', 35pp manuscript draft and photocopy of 21pp typescript.
- J.494 'A London Childhood in World War I', 8pp manuscript and typescript draft, photocopy of 14pp typescript draft.
- J.495, J.496 'At School in the Twenties', 39pp manuscript draft with 1p manuscript list of contents, 22pp typescript.
2 folders.
- J.497, J.498 'Oxford in the Thirties', 22pp manuscript and typescript draft, annotated photocopy of 14pp typescript.
2 folders.
- J.499, J.500 'Postgraduate Years in Oxford', 32pp manuscript draft paginated 18-43, and 19pp typescript.
2 folders.
- J.501, J.502 'Swords and sliderules', 31pp manuscript draft and 22pp typescript.
2 folders.
- J.503 'Braids and ribbons', 4pp manuscript draft and 2pp typescript.
- J.504, J.505 'First year at Aberdeen', 28pp manuscript draft and 23pp typescript.
2 folders.
- J.506, J.507 'Students, rectors and authority', 43pp manuscript draft and 24pp typescript.
2 folders.

- J.508, J.509 'Scotch university', 35pp manuscript draft and 20pp typescript.
2 folders.
- J.510, J.511 'The Twal' Mile Roon' ', 28pp manuscript draft and 15pp typescript.
2 folders.
- J.512, J.513 'Railways and mines', 25pp manuscript draft and 13pp typescript.
2 folders.
- J.514 'Southern diversions', 38pp manuscript draft and photocopy of 1p incomplete typescript.
- J.515, J.516 'Sputnik to Robbins', 33pp manuscript draft and 18pp typescript.
2 folders.
- J.517, J.518 'The years of unrest', 24pp manuscript draft and 14pp typescript.
2 folders.
- J.519 'When will they ever learn? The disaster in Higher Education', 19pp manuscript draft and 11pp typescript.
- J.520 Series of untitled manuscript drafts by Jones relating to his career in Aberdeen.
- J.521-J.543 Background material
- J.521-J.527 General correspondence, 1941-1980, n.d.
Includes correspondence *re* appointments and lectures.
7 folders.

- J.528 Family letters, 1944, 1946, n.d.
- J.529-J.531 Correspondence relating to University of Aberdeen affairs, 1946-1983, n.d.
3 folders.
- J.532-J.536 Draft lecture and publications material, 1946-1951, n.d.
- J.532, J.533 Inaugural Lecture as Professor of Natural Philosophy at the University of
Aberdeen.
6pp and 14pp manuscript drafts.
2 folders.
- J.534 'Lecture AU Freshers 30.1.50', 1p manuscript notes.
- J.535 'The memoirs of Casanova', 5pp typescript.
This article was published in *Arbor* 1, No. 5 (1951).
- J.536 'First Hour in America', 8pp typescript, n.d.
- J.537 'Some aspects of the Directorate of Scientific Intelligence, Ministry of
Defence, 1952-1954', 26pp duplicated typescript by Jones, 1 June 1954.
- J.538, J.539 Papers re the expansion of the University of Aberdeen, 1956-1982.
Includes 6pp annotated typescript draft of a speech to the Senatus on 7
October 1970; photocopy of 4pp typescript entitled 'On not leaving Aberdeen
1946-1981', 9 June 1982.
2 folders.
- J.540 Newspaper cuttings, 1947-1992.
Includes photocopy of an article by Jones entitled 'Can we become a
Switzerland of the North?', *Aberdeen Press and Journal*, 7 October 1949.

- J.541 Memorabilia, mostly relating to social and university events attended by Jones, 1948-1964.
- J.542, J.543 Miscellaneous typescript and printed material.

2 folders.
- J.544-J.642 *Reflections on Intelligence*
- J.544-J.610 Drafts
- J.544 Manuscript list of possible titles for the book, 4 September 1987.
- J.545, J.546 Manuscript and typescript draft outlines of the structure and content of the book, 1987-1989.

2 folders.
- J.547-J.560 'Scripts'. Contents of box file so labelled.

Although largely manuscript the drafts do include some photocopies of typescript material. In some cases they have been drafted on the reverse of earlier manuscript and typescript papers by Jones.

The drafts have been arranged following the order of the published text.
- J.547 Untitled, 58pp.

This draft relates to Chapter 1 of *Reflections on Intelligence*, 'Personal Experiences in Intelligence since 1946'.
- J.548 'Intelligence Ethics', 45pp.
- J.549 'Official Secrecy', 53pp.
- J.550 'Intelligence, Security and Deception', 37pp.

- J.551, J.552 'Deception and Intelligence', 83pp.
2 folders.
- J.553 'Early applications of science in warfare', 29pp.
- J.554 Untitled, 51pp.
This draft relates to Chapter 8 of *Reflections on Intelligence*, 'Defence and Scientific Method'.
- J.555, J.556 Untitled, 82pp.
2 folders.
This draft relates to Chapter 9 (Part 2) of *Reflections on Intelligence*, 'Some Postscripts to *Most Secret War*'.
- J.557, J.558 Untitled, 49pp and 9pp.
2 folders.
These drafts relate to Chapters 10 and 11 (Part Three) of *Reflections on Intelligence*.
- J.559 'The Oslo Person', 12pp.
- J.560 Drafts of additions to chapters.
1p *re* intelligence ethics; 4pp *re* nerve gases; 3pp *re* the Official Secrets Act; 4pp *re* Peenemünde; 2pp *re* the Munich conference in 1955.
- J.561-J.583 Drafts for Part Three of *Reflections on Intelligence*.
Part Three of the book relates to the Oslo Report and Jones' discovery of its author.
- J.561 Manuscript and typescript draft lists of contents.

- J.562 Introduction, 3pp manuscript draft and 2pp typescript.
- J.563 'The Oslo Report: its contribution to intelligence', 19pp annotated photocopy of typescript, with 2pp manuscript draft additions.
- J.564, J.565 Untitled 36pp manuscript draft and 27pp typescript *re* the Oslo Report and its origins.
2 folders.
- J.566 9pp untitled manuscript and typescript draft *re* Paul Rosbaud.
- J.567, J.568 Untitled 22pp manuscript draft and 17pp typescript *re* Jones' experiences as Director of Scientific Intelligence in the Ministry of Defence.
2 folders.
- J.569 'The Athenaeum Club', 5pp typescript.
- J.570 'A visit to America, 1953', 3pp manuscript draft and photocopy of 7pp typescript.
- J.571 'Sidewinder', annotated photocopy of 9pp typescript.
- J.572 'The pneumatic monkey', annotated photocopy of 5pp typescript.
- J.573, J.574 'Cobden Turner', 10pp manuscript draft and annotated photocopy of 10pp typescript with 1p manuscript addition.
2 folders.
- J.575, J.576 'The proximity fuse', 14pp manuscript draft, 13pp manuscript and typescript draft and 7pp typescript.
2 folders.

- J.577 'A Dinner at the Athenaeum', 13pp manuscript draft.
- J.578 'Oslo!', annotated photocopy of 7pp typescript.

This draft was originally entitled 'A Dinner at the Athenaeum' but that heading was crossed out and replaced with the annotated title 'Oslo!'.
- J.579, J.580 'Munich, 1955', 13pp manuscript draft and 11pp manuscript and typescript draft.

2 folders.
- J.581 'The Oslo Person', 8pp manuscript draft and 6pp typescript.
- J.582 'No glitter of trinkets', 8pp manuscript draft and 6pp typescript.
- J.583 'Epilogue', 5pp manuscript draft.
- J.584-J.604 Series of typescript drafts.

This sequence of drafts is very close in content to the published text and is probably the final full draft.

Some pages were produced by gluing typescript extracts onto the reverse of earlier manuscript and typescript material by Jones.
- J.584 'Author's Acknowledgements', 1p.
- J.585 'Personal experiences in intelligence since 1946', 38pp.
- J.586 'Intelligence ethics', 29pp.
- J.587 'Official secrecy', 37pp.

- J.588 'Intelligence and security', 28pp.
- J.589, J.590 'Intelligence and deception', 56pp.
2 folders.
- J.591 'Intelligence and command', 18pp.
- J.592 'Defence and scientific method', 37pp.
- J.593 'Science in World War I', 34pp.
- J.594, J.595 'Some postscripts to *Most Secret War*', 67pp.
2 folders.
- J.596 'The Oslo Report: Its contribution to intelligence', 19pp.
- J.597 'False trails: Kummerow and Rosbaud', 13pp.
- J.598 'The pneumatic monkey', 11pp.
- J.599 'Cobden Turner', 11pp.
- J.600 'The proximity fuse', 10pp.
- J.601 'Oslo!', 7pp.
- J.602 'Munich, 1955', 10pp.

- J.603 'The Oslo Person', 10pp.
- J.604 'No glitter of trinkets', 5pp.

'Epilogue', 3pp.
- J.605 6pp annotated typescript list of endnotes; 1p typescript bibliography; 'Permissions', 1p typescript list.
- J.606 Manuscripts lists of corrections and additions; photocopies of typescript pages annotated with editorial comments.
- J.607-J.610 Annotated photocopy of proof.

4 folders.
- J.611-J.629 Correspondence 1985-1997
- J.611-J.618 'Heinemann'. Contents of box file so labelled, 1985-1994.

Mostly correspondence with William Heinemann Ltd (publishers), including royalty statements.

8 folders.
- J.619-J.627 General correspondence, 1989-1997.

Mostly letters of appreciation from readers of *Reflections on Intelligence*.

9 folders.
- J.628 Correspondence with the Ministry of Defence *re* amendments to the book, 1989.
- J.629 Correspondence with Lord Dowding *re* his father, 1989.

J.630-J.633	Reviews
J.630-J.633	Cuttings, photocopies and typescript drafts of reviews of <i>Reflections on Intelligence</i> , 1989-1991. 4 folders.
J.634, J.635	Background material
J.634	Letter and 3pp typescript notes <i>re</i> scientific intelligence matters from Jones to G. Young, 15 June 1959, with manuscript and typescript drafts.
J.635	Photocopies of printed material; manuscript notes; memorabilia; etc.
J.636-J.642	Photographs Contents of box file labelled 'R on I Photographs'.
J.636	Photographs including Jones, 1955, 1982, n.d. 9 items.
J.637, J.638	Photographs of other individuals, n.d. 15 items in 2 folders.
J.639	Photographs of buildings, aerial photographs etc, n.d. 9 items.
J.640	Photographs of Hans Mayer's passport. 14 items.
J.641	Photocopies of material for possible reproduction; brochure with photograph of Jones on back cover.

- J.642 Letters to Jones *re* the use of photographs in *Reflections on Intelligence*, 1989.
- J.643 Foreword to '*Born Again*': *Spitfire PS 915* by W. Rouse (Midland Counties, 1989).

3pp manuscript draft; 1p typescript; correspondence with W. Rouse *re* the foreword, 1985-1986.
- J.644-J.646 Reminiscences by Jones for *Fish tales: A collection of true angling stories* edited by B. Chapman Pincher (Unwin Hyman, London, 1989).
- J.644 'Nae as big', 7pp manuscript draft and 5pp typescript.
- J.645 'The ones that got away', 5pp manuscript draft and 3pp typescript.
- J.646 'Running trout', 4pp manuscript draft and 3pp typescript.
- J.647 Letter to *The Times* (no evidence of publication), 10 May 1990.

Photocopy of 1p letter by Jones *re* the teaching of history of science and technology, 30 April 1990.
- J.648 Letter to *The Times* (declined).

Photocopy of 1p letter by Jones *re* the Grenadier Guards, 30 May 1990, with 1p manuscript draft; cutting of the newspaper article to which Jones responded.
- J.649 Letter to *The Times* (declined).

Photocopy of 1p letter by Jones, 28 June 1990, with reply.
- J.650 Contribution to *Chronicle of the Second World War* edited by D. Mercer (Longman, 1990).

1p proof, with related correspondence, 1990.

- J.651 Book review of *Metres to Microwaves* by E.B. Callick (Peter Peregrinus Ltd, 1990) in *Nature* **347**, 27 September 1990.
- 5pp typescript draft, with related letter, 1990.
- J.652 Letter to *The Times* (declined).
- Photocopy of 2pp typescript letter by Jones *re* the need for an academic staff college, 7 November 1990, with related correspondence, 1990, 1992.
- J.653 'Auld acquaintance'. Contribution to *Sir Charles Frank, OBE FRS: an eightieth birthday tribute* edited by R.G. Chambers *et al* (Hilger, 1991).
- 20pp typescript; proof.
- J.654 Book review of *Inventing Accuracy: A Historical Sociology of Nuclear Missile Guidance* by D. Mackenzie (MIT Press, 1991) in *Nature* **350**, 11 April 1991.
- 4pp typescript and 3pp proof, with related correspondence, 1991.
- J.655 Letter to *New Scientist*, 11 May 1991.
- Photocopy of 1p letter by Jones, with cutting of related article.
- J.656 'Intelligence as an academic discipline' in *The Intelligent Corporation: The privatisation of intelligence* edited by J. Sigurdson and Y. Tagerud (Taylor Graham, London, 1992).
- 17pp typescript; correspondence *re* publication, 1991-1992.
- J.657 Foreword to *Somewhere in Loving: letters and diaries, 1919-1941* edited by F.E. Gaythorpe (Pentland press, 1992).
- 2pp typescript.
- J.658 Book review of *Echoes of War: The story of H₂S Radar* by B. Lovell (Adam Hilger, 1991) in *Nature* **355**, 23 January 1992.
- Photocopies of 4pp typescript and 3pp proof.

- J.659 Book review of *Boffin: A personal story of the early days of radar, radio-astronomy and quantum optics* by R. Hanbury Brown (Adam Hilger, 1991) in *Nature* **356**, 26 March 1992.
- Photocopies of 3pp typescript and 3pp proof, with related correspondence, 1991-1992.
- J.660 Book review of *The Cybernetics Group* by S.J. Heims (MIT Press, 1991) in *New Scientist*, 4 July 1992.
- Photocopy of 4pp typescript.
- J.661 Letter to Aberdeen *Press and Journal*, 31 August 1992.
- Photocopy of 1p letter by Jones *re* Robert Robertson, Lord Provost of Aberdeen.
- J.662 Letter to *The Times*, 2 October 1992.
- Photocopy of 2pp letter by Jones *re* the V-2 bombardment of London.
- J.663 Letter to *The Times* (declined).
- Photocopy of 1p letter by Jones *re* Dame Janet Vaughan, 11 January 1993, with related letter, 1994.
- J.664 Letter to *The Times* (declined).
- Photocopy of 2pp letter by Jones *re* J. Charnley's book *Churchill: The End of Glory*, 1 February 1993, with related papers.
- J.665 Photocopy of 1p typescript relating to R.H. Fowler, April 1993.
- J.666 Contribution to *The Stars' War* edited by H. Morgan (Oakfield House Publications, 1993).
- 2pp typescript entitled 'Christmas Eve 1940', with related correspondence, 1992-1993.

- J.667-J.669 'Tunic and Gown'. Contribution to *High Flyers: Thirty reminiscences to celebrate the 75th Anniversary of the RAF* edited by M. Fopp (Greenhill Books, 1993).
- J.667 Annotated photocopy of 11pp typescript draft.
- J.668 11pp typescript.
- J.669 Correspondence relating to Jones' contribution to the book, 1992-1993.
- J.670-J.672 'The great lesson'. Contribution by Jones to a book commemorating the 75th anniversary of the RAF, ca 1993.
- 13pp manuscript draft; 9pp typescript; 11pp photocopy of typescript; brief correspondence re the book, 1992.
- 3 folders.
- J.673 Recommendation for dust jacket of *The Silent Revolution: The development of conventional weapons 1945-85* by G. Hartcup (Brassey's, London, 1993).
- 1p typescript with related correspondence, 1993.
- J.674 'The labour of the decypherer'. Book review of *Codebreakers: The inside story of Bletchley Park* edited by F.H. Hinsley and A. Stripp (OUP, 1993) in *Nature* **366**, 16 December 1993.
- 5pp typescript; photocopy of annotated 4pp proof, with accompanying letter, 1993.
- J.675 'A Sidelight on Bletchley, 1942', *Intelligence and National Security* **9** (January 1994).
- 17pp typescript.
- J.676 Obituary of Sir Robert Cockburn, *Independent*, 31 March 1994.
- 6pp manuscript draft, with related correspondence, 1994.

- J.677 Untitled 17pp typescript by Jones *re* his experiences in the 1940s and 1950s at the University of Aberdeen, March 1994.
- J.678 Contribution to *In the name of intelligence: essays in honour of Walter Pforzheimer* edited by H.B. Peake and S. Halpern (NIBC Press, Washington, 1994).
- Photocopy of 16pp typescript, with related correspondence, 1993-1994.
- J.679 Letter to *The Times* (declined).
- Photocopy of 1p letter by Jones, 3 October 1994, with reply.
- J.680 'Characters in the Intelligence World', photocopy of 18pp typescript draft, 1994.
- J.681 'Einstein in Oxford', 4pp typescript recollections by Jones, 1994.
- J.682-J.690 'Scientists at War' and 'Atomic Bomb' in *The Oxford Companion to the Second World War*, general editor I.C.B. Dear and consultant editor M.R.D. Foot (OUP, 1995).
- J.682-J.684 'Scientists at War', 11pp and 12pp typescripts, photocopy of annotated 12pp typescript draft.
- 3 folders.
- J.685, J.686 'Atomic Bomb', two 8pp typescripts, photocopy of annotated 9pp typescript draft.
- 2 folders.
- J.687-J.689 Correspondence with the editors, 1989-1994.
- Includes proofs of Jones' articles.
- 3 folders.

- J.690 Correspondence with Sir Charles Frank *re* the article on atomic bomb development, 1992.
- J.691 'Memoir of Derek Jackson', 18pp typescript, January 1995.
- J.692 Letter to *New Scientist*, 15 April 1995.
Photocopy of 1p letter by Jones *re* white paint.
- J.693 Letter to *The Times* (declined).
Photocopy of 1p letter by Jones *re* vital Polish military contributions during the Second World War, 2 May 1995, with reply.
- J.694 Letter to *Spectator* (no evidence of publication).
Photocopy of 1p letter by Jones *re* the supposed homosexuality of Alexander the Great, 12 June 1995.
- J.695 Letter to *The Times* (no evidence of publication).
Photocopy of 1p letter by Jones *re* the salaries of university professors, 26 September 1995.
- J.696 Letter to *The Times*, 6 October 1995.
Photocopy of 1p letter by Jones.
- J.697 Letter to *Scientific American* (declined).
Photocopy of 1p letter by Jones *re* Sir Lawrence Bragg's demonstration in 1961 of a woomera. 1995.
- J.698, J.699 Article for a 'Battle of Britain Memorial Flight' brochure, 1995.
- J.698 3pp incomplete manuscript draft; 7pp typescript + captions.

- J.699 Correspondence *re* the brochure, 1994-1995.
- J.700-J.719 Foreword to a biography of Wilfrid Rhodes Freeman by J. Quill, S. Cox and A. Furse (no evidence of publication). 1996.
- J.700 4pp manuscript draft notes; 8pp manuscript draft.
- J.701 4pp annotated typescript draft; 11pp typescript draft.
- J.702 10pp annotated typescript draft, 7 February 1996; photocopy of 10pp typescript, 15 February 1996.
- J.703-J.708 Correspondence with A. Furse relating to the book, 1994-1996.
6 folders.
- J.709-J.718 Typescript draft of the biography of W.R. Freeman, 1995.
Jones read through this draft and his comments on it are included in the correspondence at J.703-J.708.
10 folders.
- J.719 Photocopies of printed background material.
- J.720, J.721 Book review of *Hitler's uranium club: The secret recordings at Farm Hall* edited by J. Bernstein (American Institute of Physics, 1995) in *Nature* **379**, 22 February 1996.
5pp manuscript draft; 3pp typescript draft; 3pp proof; brief correspondence *re* the review, 1996.
2 folders

- J.722 Book review of *National military establishments and the advancement of science and technology* edited by P. Forman and J.M. Sanchez-Ron (Kluwer, 1996) in *Nature* **383**, 12 September 1996.
- Two 4pp and one 5pp typescript drafts.
- J.723 Letter to *Spectator*, 28 September 1996.
- 2pp typescript letter by Jones *re* the consequences of the Russian development of the hydrogen bomb.
- J.724 Obituary of Patrick Johnston, *Guardian*, 26 November 1996.
- 3pp typescript draft.
- J.725 Letter to *The Times* (declined).
- 2pp typescript letter by Jones *re* the value of staff colleges, 6 February 1997, with reply.
- J.726 Letter to *The Times* (declined).
- 1p typescript letter by Jones, 10 April 1997, with reply.
- J.727-J.730 Foreword to *Above all unseen: The Royal Air Force's photographic reconnaissance units 1939-1945* by E. Leaf (Patrick Stephens, 1997).
- J.727 Two 5pp typescript drafts.
- J.728 Correspondence relating to the book, 1996.
- J.729, J.730 Typescript draft of the book.
- 2 folders.

- J.731-J.736 'Anthology'. Contents of box files so labelled.
- During the last forty years of his life, Jones collected a large number of quotations with a view to eventually compiling an anthology.
- J.731-J.734 Typescript, manuscript and photocopied material containing quotations and anecdotes.
- 4 folders.
- J.735 Letters to Jones *re* quotations etc, 1957-1992.
- J.736 Correspondence *re* a proposed anthology of scientific writings by B. Dixon, 1985-1988.
- J.737, J.738 Correspondence *re* a proposal for Jones to compile an anthology of scientific anecdotes, 1977-1984.
- 2 folders.
- This material was found in a box file labelled 'Anecdotes' and has been listed here because it complements the preceding material at J.731-J.736.
- J.739, J.740 'Essays and encounters'. Contents of box file so inscribed.
- This material relates to a proposed book by Jones. The idea was mentioned in a letter of 10 February 1994 to William Heinemann Ltd, the publishers of *Reflections on Intelligence* (see J.618) but there is no evidence that the book ever developed much beyond Jones' initial proposal.
- J.739 4pp typescript draft list of contents.
- J.740 'First hour in America', two 8pp typescripts; 2pp untitled typescript relating to the teaching of science in America.
- J.741-J.746 'Musings'. Contents of two box files so labelled.
- This material seems to relate to a proposed book by Jones on the subject of science and religion. The idea is mentioned in his letter of 10 February 1994 to William Heinemann Ltd (see J.618) with the suggested title 'Musings of a Lapsed Agnostic'.

- J.741 Untitled 32pp manuscript draft by Jones *re* his personal experiences of religion before the Second World War.
- J.742, J.743 Manuscript lists of ideas and subjects etc, 1990, 1993, n.d.
2 folders.
- J.744 Various typescript draft pages *re* the evolution of Man.
- J.745 Correspondence, 1994-1995.
- J.746 Typescript and printed background material.
- J.747-J.750 Various drafts relating to religion and evolution.

Although these drafts were not found with the material at J.741-J.746 they are listed here because they appear to relate to the proposed book by Jones.
- J.747 'Religion and Early Man', 22pp typescript.
- J.748 'The Faculties of Early Man', 10pp typescript.
- J.749 Untitled 32pp manuscript draft.
- J.750 Untitled 33pp manuscript and typescript draft.
- J.751-J.760 Undated drafts.
- J.751 'Mr. R.B. Henderson', 5pp typescript.

R.B. Henderson was Headmaster at Alleyn's School, Dulwich while Jones was a pupil there.

- J.752 'Boys, Charles Vernon', 6pp typescript.
- J.753 'Intelligence on the record', 4pp annotated typescript book review.
- J.754 Untitled 19pp manuscript draft by Jones *re* his schooldays.
- J.755, J.756 Untitled drafts *re* the evolution of the English education system.
- J.755 11pp typescript.
- J.756 Photocopy of 14pp typescript, with 3pp manuscript additions.
- J.757 Untitled 3pp typescript by Jones *re* memorable gastronomic experiences.
- J.758 3pp typescript anecdote by Jones relating to his education at Alleyn's School, Dulwich, annotated 'RVJ Book' on first page.
- J.759 Untitled 2pp typescript book review, mostly *re* Sir Charles Goodeve.
- J.760 Untitled 1p typescript *re* the war memorials of Scotland.

J.761-J.798

GENERAL

1949-1995

- J.761-J.780 'Greenfield'. Contents of box file so labelled, divided into twenty for ease of reference. 1976-1987.
- These papers relate to Jones' employment of John Farquharson Ltd as his literary agents. A significant proportion of the correspondence is with George Greenfield, a director of the firm.

J.761-J.778	Correspondence, largely relating to <i>Most Secret War</i> , 1976-1991.
J.761-J.763	1976. 3 folders.
J.764-J.766	1977. 3 folders.
J.767-J.770	1978. 4 folders.
J.771	1979.
J.772, J.773	1980. 2 folders.
J.774	1981.
J.775	1982.
J.776	1983.
J.777	1984.
J.778	1985-1987, 1991.
J.779	Royalty statements prepared by Hamish Hamilton Ltd, 1978-1980; invoices to Jones from Hamish Hamilton, 1978.

- J.780 Financial statements prepared by John Farquharson Ltd, 1978-1979.
- J.781-J.788 'Time Life'. Contents of box file so labelled, divided into eight for ease of reference. 1978-1993.
- Correspondence and papers relating to Jones' involvement with Time-Life Books, largely in an advisory capacity.
- J.781 1978.
- J.782-J.786 1981.
- Correspondence and papers *re* the Time-Life book *Secret War*.
- 5 folders.
- J.787 1988.
- J.788 1990-1993.
- Mostly correspondence *re* the reprinting of *Most Secret War* by Time-Life Books.
- J.789-J.798 General correspondence and papers, 1949-1995.
- Most of this material was found together in a box file labelled 'Publications'.
- This chronological sequence of papers relates largely to publications by Jones and invitations for him to write.
- J.789 1949-1951.
- Includes letters to Jones *re* research results.
- J.790 1952.
- J.791 1954-1960.
- Includes 2pp typescript letter from Jones to P.G. Stewart *re* pub names.

J.792 1961.

J.793 1962-1963.

J.794 1964-1966.

J.795 1967-1971.

J.796 1972-1976.

Includes correspondence and papers *re* Jones' membership of the Scientific Advisory Committee of *Laboratory Practice*.

J.797 1978.

Correspondence and papers *re* Jones' membership of the editorial board of *Precision Engineering*.

J.798 1979-1987, 1992-1995.

J.799-J.824

OFFPRINTS

1934-1996

J.799 'Reprints', 9pp typescript list of publications by Jones for the period 1934-1980; 1p typescript list of publications for the period 1968-1972.

J.800 Photocopies of typescript lists of publications by Jones, arranged by subject; 8pp manuscript lists of publications for the period up to 1985.

J.801-J.814 Offprints, cuttings and photocopies of publications by Jones.

J.801 1934-1951.

J.802	1952-1954.
J.803	1955-1959.
J.804	1960-1961.
J.805	1962-1965.
J.806	1966-1967.
J.807	1968-1971.
J.808	1972.
J.809	1973-1975.
J.810	1976-1977.
J.811	1978-1979.
J.812	1980-1984.
J.813	1985-1989.
J.814	1990-1996, n.d.

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|-------------|--|
| J.815-J.824 | 'Reprints (sent)'. Contents of box file so labelled. |
| J.815-J.820 | Typescript lists of offprints sent out by Jones during the period 1953-1982.
6 folders. |
| J.821-J.824 | Requests for offprints, 1953-1991.
4 folders. |

SECTION K

LECTURES, SPEECHES AND BROADCASTS

K.1-K.495

K.1-K.422

LECTURES AND SPEECHES

K.423-K.495

BROADCASTS

K.1-K.422 LECTURES AND SPEECHES

K.1-K.340	Drafts
K.341-K.393	Shorter correspondence
K.394-K.410	Senior Officers War Course, Greenwich
K.411-K.422	Offprints

K.1-K.340

**Drafts
ca 1945-1995**

A chronological sequence of material relating to lectures and speeches by Jones.

Material relating to lectures by Jones can also be found in other sections of the collection.

K.1, K.2 Lecture to Oxford University Physical Society, ca 1945.

K.1 1p manuscript notes, with 10pp manuscript draft attached.

The manuscript notes bear an annotation made by Jones in 1978 dating them to 'Early 1946 or late 1945'.

K.2 6pp annotated typescript.

K.3 Inaugural Lecture as Professor of Natural Philosophy, University of Aberdeen, 21 October 1946.

12pp typescript.

K.4 Rotary Club, Aberdeen, 30 November 1947.

5pp manuscript draft *re* the Atomic Bomb.

- K.5-K.7 'The value of an education in Physics', Mathematical and Physical Society, University of St Andrews, 12 January 1948.
- K.5 1p manuscript notes; 22pp manuscript draft.
- K.6 31pp manuscript draft.
- K.7 23pp typescript.
- K.8 'Scientific Intelligence in War', Edinburgh, 23 April 1948.

Two manuscript drafts of the first page of the lecture.
- K.9 Lecture to 'AU [Aberdeen University] Freshers', 1 June 1948.

1p manuscript notes.
- K.10 Lecture to Royal Air Force Staff College, Bracknell, Berkshire, 1 November 1948.

6pp manuscript notes and partial drafts; letters to Jones *re* the lecture, 1948.
- K.11 'Outline of Paper – London Physical Society. Edinburgh', 19 February 1949.

1p manuscript notes.
- K.12 Lecture to Royal Air Force Staff College, Bracknell, Berkshire, 22 July 1949.

1p manuscript draft first page of lecture; letter of thanks to Jones, 1949.
- K.13 'One Aspect of D-Day, 6.6.44', Crown Terrace Baptists, 5 February 1951.

1p manuscript notes.

- K.14 Lecture to Royal Air Force Staff College, Bracknell, Berkshire, 21 May 1951.

1p manuscript notes with 2pp manuscript draft attached; correspondence *re* arrangements, 1951.
- K.15 Speech at Trades Guild Dinner, Aberdeen, 10 November 1951.

4pp manuscript draft; press cutting.
- K.16 'Safety in Mines', Aberdeen Business and Professional Club, 20 December 1951.

2pp manuscript notes; letter to Jones *re* arrangements.
- K.17 'The possibilities of space travel', Aberdeen University Geological Society, 29 February 1952.

2pp manuscript notes.
- K.18, K.19 Aberdeen Teacher Training College, 1954.
- K.18 7pp manuscript draft.
- K.19 5pp typescript.
- K.20 Speech at the Annual Dinner of the Scottish Radio Retailers' Association, Aberdeen, 16 February 1955.

4pp manuscript draft; menu card.
- K.21 'Germany', WEA [Workers' Educational Association], 25 November 1955.

1p manuscript notes.
- K.22 Lecture to Rover Scouts, Aberdeen, 27 November 1955.

1p manuscript notes.

- K.23 Lecture to Aberdeen Sportsman's Club, 8 December 1955.

1p manuscript notes; letter to Jones, 1955.
- K.24 Speech at a Dinner in honour of Dr and Mrs Geddes, ca 1955.

5pp manuscript draft; 4pp typescript.

Dr Geddes was a longstanding member of staff in the Department of Natural Philosophy at the University of Aberdeen.
- K.25 'Pride in the job', Rotary Club, Aberdeen, 31 January 1956.

4pp manuscript notes; correspondence *re* the lecture, 1956.
- K.26 'Research problems in transport', 22 March 1956.

2pp manuscript notes.
- K.27, K.28 Speech at the Silver Jubilee Dinner of the Aberdeen and District Centre of the Scottish Motor Trade Association, 13 December 1956.
- K.27 6pp incomplete manuscript draft.
- K.28 4pp incomplete typescript; newspaper cutting.
- K.29 'Education for the Atomic Age', Aberdeen Local Association of the Educational Institute of Scotland, 18 January 1957.

1p manuscript notes; printed syllabus of the Association's events.
- K.30, K.31 'The theory of practical joking and its relation to physics', Midland Branch of the Institute of Physics, 12 February 1957.

The lecture was published in the *Bulletin of the Institute of Physics* (June 1957) pp 193-201.

See also F.220-F.233.

- K.30 1p manuscript notes; 18pp typescript.
- K.31 Correspondence relating to the lecture, 1956-1957.
- K.32 'The Crabtree Oration', 1957.
11pp typescript.
See also H.104.
- K.33 'Animal navigation', Aberdeen Scouts, 14 December 1958.
1p manuscript notes; letter of thanks to Jones, 1958.
- K.34 Address to the Insurance Institute of Aberdeen, 5 January 1959.
1p manuscript notes; correspondence relating to the lecture, 1958-1959.
- K.35 'Role of students in a developing country', Aberdeen Branch of the Nigerian Students' Union, 26 April 1959.
1p manuscript draft; correspondence *re* arrangements, 1959.
- K.36 Address to a meeting of Local Associations of the Educational Institute of Scotland, Keith, Banffshire, 16 May 1959.
1p manuscript notes; correspondence *re* arrangements, 1958-1959.
- K.37, K.38 'The natural philosophy of incongruity'. Speech at a Catalysts' Club Dinner, Tallow Chandlers Hall, London, 4 June 1959.
- K.37 3pp typescript.
- K.38 Printed copy of lecture; typescript notice of the dinner.

- K.39 Lecture to Junior Chamber of Commerce, 14 December 1959.
1p manuscript notes.
- K.40 Light-hearted speech *re* enchantment in science, *ca* 1950s.
9pp manuscript draft.
- K.41 Speech *re* 'the case for a degree of home rule in Scotland', *ca* 1950s.
2pp manuscript draft.
- K.42, K.43 'Infra-red radiation', Royal Institution Discourse, London, 18 March 1960.

K.42 2pp annotated typescript draft synopsis; 2pp typescript synopsis.
- K.43 Correspondence *re* arrangements etc, 1959-1960.
- K.44 Talk at a careers meeting for senior secondary school pupils, Aberdeen High School for Girls, 15 December 1960.

1p manuscript notes; printed leaflet *re* careers meetings.
- K.45 Talk to Asian Students Association, Aberdeen, 8 February 1961.

1p manuscript notes; correspondence *re* arrangements.
- K.46-K.48 Address to the New Graduates in Science, Marischal College, University of Aberdeen, 6 July 1961.

K.46 10pp manuscript notes and draft.
- K.47 15pp manuscript draft.
- K.48 8pp typescript.

- K.49, K.50 'Some uses of elasticity in instrument design'. Discourse at the Annual Exhibition of the Institute of Physics and the Physical Society, 18 January 1962.
- K.49 38pp manuscript draft.
- K.50 Correspondence relating to the lecture, 1961-1962.
- K.51-K.57 'Science, Technology and Civilization'. The Brunel Lecture, Brunel College of Technology, London, 14 February 1962.
- K.51 25pp manuscript draft.
- K.52 17pp manuscript draft.
- K.53 19pp typescript.
- K.54 18pp incomplete typescript version of the lecture, used in a radio broadcast.
The lecture was broadcast on the BBC Third Programme, 1 May 1962.
- K.55 Correspondence *re* arrangements and the subsequent publication of the lecture, 1961-1962.
- K.56 Letters sent to Jones *re* the lecture, 1962.
- K.57 Typescript background material.
- K.58 Lecture to Cambridge University Physics Society, 8 November 1962.
1p manuscript notes; correspondence *re* arrangements, 1962.

- K.59 'Some limits of measurement'. Kelvin Lecture, Royal Philosophical Society of Glasgow, 23 January 1963.

2pp typescript synopsis of lecture; correspondence *re* arrangements, 1962-1963.
- K.60, K.61 Speech at the Annual Dinner of the Federation of Civil Engineering Contractors (Scottish Section), 26 February 1963.
- K.60 8pp annotated typescript; speech notes.
- K.61 Correspondence *re* arrangements, 1962-1963; programme and table plan.
- K.62 'Science, Technology and Civilization'. Da Vinci Lecture, Oxford University Scientific Society, 8 November 1963.

5pp manuscript notes; correspondence *re* arrangements, 1963.
- K.63 'Science and the State', Royal Radar Establishment, Great Malvern, Worcestershire, 13 November 1963.

3pp manuscript notes; correspondence *re* arrangements, 1962-1963.
- K.64 'Hoaxes, Physics and Warfare', Highgate Literary and Scientific Institution, London, 11 February 1964.

1p manuscript notes; correspondence *re* arrangements, 1963-1964.
- K.65 'Physical Theory and Practical Joking', Cambridge Philosophical Society, 2 March 1964.

1p manuscript notes; correspondence *re* arrangements, 1963-1964.
- K.66 Speech at the Scientific Instrument Research Association (SIRA) Annual Luncheon, 14 July 1964.

10pp typescript; 1p manuscript notes; correspondence *re* the speech, 1964.

- K.67 'Science, Technology and Civilization'. Lecture to the National Weekend Conference of the National Dock Labour Board, Pembroke College, Cambridge, 19 September 1964.
- 1p manuscript notes; correspondence *re* arrangements, 1964.
- K.68-K.94 'The advancement of learning 1605-2005 A.D.'. The Annual Joseph Payne Memorial Lectures, College of Preceptors, London, 19 January, 26 January and 2 February 1965.
- K.68 1p typescript synopsis of the lectures.
- K.69 'Lecture I', 23pp annotated typescript draft and 17pp typescript.
- K.70 'Lecture II', 26pp and 17pp annotated typescripts.
- K.71, K.72 'Lecture III', 25pp and 20pp annotated typescripts.
- 2 folders.
- K.73 Three 13pp typescript versions of the lectures, used in radio broadcasts.
- These shortened versions of the Payne lectures were broadcast on the BBC Third Programme on 25, 27 and 31 August 1965 and repeated in February 1966.
- K.74 Correspondence with the College of Preceptors *re* arrangements for the lectures and their publication, 1963-1965.
- K.75 Correspondence with the BBC *re* the recording of shortened versions of the lectures, 1965; *BBC Third Programme Quarterly Plan*, January-March 1966.

- K.76-K.85 Correspondence *re* the lectures, 1965-1996.
- Includes 5pp typescript note by Jones 'Some current factors in higher education' sent to Anthony Crosland, Secretary of State for Education and Science, February 1965.
- 10 folders.
- K.86 Cuttings and photocopies of articles *re* the lectures, 1965.
- K.87 Correspondence and papers *re* a debate in the *Observer* on the quality of university physics students, February-March 1965.
- Includes 2pp typescript letter by Jones to the *Observer* (published on 28 February 1965).
- K.88-K.94 Related material and papers accumulated by Jones following the Payne lectures.
- K.88 Correspondence *re* the recruitment of physicists to universities etc, 1964.
- K.89 1p manuscript notes by Jones for a lecture to the Senior Officers War Course, Greenwich, 12 February 1964.
- K.90 Correspondence and papers relating to the Conference on Scientific Manpower, University of Lancaster, 9-11 April 1965.
- Jones was scheduled to give the Closing Address.
- K.91-K.94 Manuscript, typescript and printed material relating to university education.
- 4 folders.
- K.95 Lecture to the National Physical Laboratory, Teddington, Middlesex, 20 January 1965.
- 1p manuscript notes; letters to Jones *re* arrangements, 1964.

- K.96, K.97 'Impotence and Achievement in Physics and Technology'. 6th Cherwell-Simon Lecture, University of Oxford, 18 May 1965.
- The lecture was published in *Nature* **207**, No. 4993, 10 July 1965.
- K.96 24pp typescript.
- K.97 Correspondence and papers *re* arrangements, 1964-1965.
- K.98 Speech at the Annual Dinner of the Society of Chemical Industry, Cardiff, 14 July 1965.
- 7pp annotated typescript; cutting from *Chemistry and Industry* *re* the Dinner.
- K.99 Speech at a dinner held during the International Conference of the International Commission on Physics Education, 20 July 1965.
- 1p manuscript notes; letter to Jones *re* arrangements, 1965.
- K.100 Prizegiving Address at Alleyn's School, Dulwich, 5 October 1965.
- 9pp typescript; brief correspondence *re* arrangements, 1965.
- K.101 'Impotence and Achievement', Aberdeen University Physical Society, 27 October 1965.
- 2pp manuscript notes.
- K.102 Opening speech on 'Science, Government and Industry' at an Athenaeum Club Talk Dinner, London, 1 November 1965.
- 1p manuscript notes; correspondence *re* arrangements, 1965.
- K.103 Speech at the Dinner Dance of the Scientific Instrument Manufacturers' Association (SIMA) Convention, Eastbourne, Sussex, 19 November 1965.
- 1p manuscript notes; letter to Jones *re* arrangements, 1965.

- K.104 Lecture to 'Aberdeen Technical Teachers', 10 December 1965.

2pp manuscript notes.
- K.105 Lecture to 'Aberdeen Police', 15 January 1966.

1p manuscript notes.
- K.106 'Chance observation and the alert mind', Residential Science Course for Sixth Formers, Keswick School, Cumberland, 14 March 1966.

1p manuscript notes; correspondence *re* arrangements, 1965-1966.
- K.107, K.108 'Instruments and the advancement of learning'. The Thomson Lecture, Royal Institution, London, 20 October 1966.

The lecture was published in *Transactions of the Society of Instrument Technology*, March 1967.
- K.107 Photocopy of 26pp annotated typescript.
- K.108 Correspondence *re* arrangements, 1965-1966.
- K.109 'Instrument design'. Lecture to engineering students, Robert Gordon's Institute of Technology, Aberdeen, 1 December 1966.

1p manuscript notes; letter to Jones *re* arrangements, 1966.
- K.110 'Instrument design: a pursuit and a profession'. Presidential Address to the Association for Science Education (Scottish Branch), Aberdeen, 4 April 1967.

16pp typescript; letter to Jones *re* the publication of the lecture, 1967.
- K.111, K.112 'The measurement and control of small displacements'. 32nd Parson Memorial Lecture, Royal Radar Establishment, Great Malvern, Worcestershire, 24 April 1967.

The lecture was published in the *Bulletin of the Institute of Physics and the Physical Society*, October 1967.

- K.111 Photocopy of 18pp typescript.
- K.112 Correspondence *re* arrangements, 1967.
- K.113, K.114 'Irony as a phenomenon in natural science and human affairs'. Ludwig Mond Lecture, University of Manchester, 29 February 1968.

The lecture was published in *Chemistry and Industry*, 13 April 1968.

See also F.220-F.233.
- K.113 29pp typescript.
- K.114 Correspondence *re* arrangements, 1968.
- K.115-K.131 Lees Knowles Lectures, Cambridge, 24, 26, 29 April and 6 May 1968.

Jones gave four lectures on various aspects of 'Command'.
- K.115, K.116 Untitled 27pp and 21pp typescripts of the first lecture.

2 folders.
- K.117, K.118 'Lees Knowles Lecture II', 27pp and 20pp typescripts.

2 folders.
- K.119, K.120 'Lees Knowles Lecture III Command and Intelligence', 30pp annotated typescript and 23pp typescript.

2 folders.
- K.121 'Lees Knowles Lecture IV', 26pp typescript.
- K.122 5pp typescript references to the lectures.

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| K.123, K.124 | Manuscript notes by Jones, 1966-1968, n.d.

2 folders. |
| K.125 | Correspondence <i>re</i> arrangements for the lectures, 1965-1968. |
| K.126-K.128 | Background correspondence relating to the lectures, 1966-1968.

3 folders. |
| K.129 | Correspondence arising from the lectures, 1968-1972, 1982. |
| K.130, K.131 | Printed and typescript background material.

2 folders. |
| K.132 | 'RGC', 4 June 1968.

1p manuscript notes. |
| K.133, K.134 | 'Aberdeen Graduation Address', 4 July 1968. |
| K.133 | 11pp manuscript draft; letter to Jones <i>re</i> arrangements, 1968. |
| K.134 | 8pp typescript. |
| K.135 | Memorial Address for P.G. Stewart, Chapel of 600 Squadron, 1968.

Stewart headed the Photograph Intelligence Organisation during the Second World War and was a close friend of Jones.

6pp annotated typescript draft; 6pp typescript. |

- K.136-K.139 'More and more about less and less'. Friday Evening Discourse, Royal Institution, London, 18 October 1968.
- K.136 26pp typescript transcript of the lecture.
- K.137 Photocopy of 21 typescript.
- K.138 22pp typescript + captions.
- K.139 Correspondence *re* arrangements etc, 1968.
- K.140-K.145 'The pursuit of measurement'. 60th Kelvin Lecture, Institution of Electrical Engineers, London, 24 April 1969.
- K.140 Annotated photocopy of 20pp typescript.
- K.141 20pp typescript + captions.
- K.142 Correspondence *re* arrangements, 1968-1969.
- K.143, K.144 Correspondence arising from the lectures, 1969-1976, 1994.
2 folders.
- K.145 Background material.
- K.146 Address at Elgin Academy Prize Giving, 26 June 1969.
1p manuscript draft; letter to Jones *re* arrangements, 1969; programme.

- K.147, K.148 Prizegiving Address, Robert Gordon's College, Aberdeen, 3 July 1969.
- K.147 8pp manuscript and typescript draft; 8pp typescript.
- K.148 Letter to Jones *re* arrangements, 1968; programme.
- K.149-K.160 'The "plain story" of James Watt'. The Wilkins Lecture, Royal Society, London, 20 November 1969.

The lecture was published in *Notes and Records of the Royal Society of London* **24**, no.2, April 1970.
- K.149 Correspondence *re* arrangements, 1969.
- K.150-K.152 Background correspondence relating to the lecture, 1969.

3 folders.
- K.153, K.154 Correspondence arising from the lecture, 1969-1971.

2 folders.
- K.155 Copies of figures for the published lecture.
- K.156-K.160 Background material.

5 folders.
- K.161, K.162 'Fifty years of astronomy', Aberdeen and District Astronomical Society, Aberdeen, 22 October 1970.
- K.161 29pp annotated typescript.
- K.162 Correspondence *re* arrangements, 1970.

- K.163 'Undergraduate teaching in physics', Standing Conference of Professors of Physics, 6 November 1970.

14pp typescript.
- K.164-K.168 '*Plenum in vacuo* or Vacuum and the advancement of man'. First F.D. Edwards Memorial Lecture, City University, London, 17 November 1970.

This was subsequently published in *Chemistry and Industry*, 1971.
- K.164 28pp annotated typescript draft.
- K.165 31pp typescript draft.
- K.166 Correspondence *re* arrangements for the lecture and its publication, 1970-1971.
- K.167 Letters of congratulation and correspondence *re* later Edwards Memorial Lectures, 1970-1991.
- K.168 Background material.
- K.169 Toast to 'The Immortal Memory of Robert Burns', Fraserburgh Burns Club, 25 January 1971.

Annotated photocopy of 3pp typescript notes; brief correspondence *re* arrangements; background material *re* Burns.
- K.170, K.171 'Complementarity as a way of life', Durham University Physical Society, 3 March 1971.
- K.170 19pp typescript.
- K.171 Correspondence *re* arrangements, 1970-1971.

- K.172 Lecture at City University, London, 4 March 1971.

1p manuscript notes.
- K.173, K.174 'Some aspects of graduate supply and demand'. Address to the Standing
Conference of University Appointments Services, Cambridge, 31 August
1971.
- K.173 26pp annotated typescript draft; brief correspondence *re* arrangements.
- K.174 Photocopy of 25pp typescript.
- K.175 'How to swing pupils away from science'. Address to Annual Conference of
the Association for Science Education, Stirling, 30 December 1971.

25pp typescript.
- K.176 Speech at 10th Anniversary Charter Dinner of the Inverurie and District
Round Table, 24 November 1972.

1p manuscript notes; correspondence and papers *re* arrangements, 1972.
- K.177-K.179 'Command and complementarity'. Fourth J.D. Bernal Lecture, Birkbeck
College, London, 13 February 1973.
- K.177 22pp typescript.
- K.178 Correspondence *re* arrangements, 1972.
- K.179 Correspondence arising from the lecture, 1973-1977.
- K.180 Graduation Address, University of Aberdeen, 5 July 1973.

6pp typescript.

- K.181 'Scientific Method', Athenaeum Club, London, April 1974.
9pp annotated typescript.
- K.182, K.183 'Minerals in the history of physical science'. The Chester Beatty Lecture, Royal Society of Arts, London, 24 April 1974.
- K.182 16pp typescript; correspondence relating to the lecture, 1974.
- K.183 Photocopy of 20pp typescript.
- K.184 Speech at Annual Lunch of the Electronic Engineering Association, Grosvenor House, London, 8 May 1974.
Annotated photocopy of 5pp typescript.
- K.185-K.189 'Navigation and War'. 27th Duke of Edinburgh Lecture at the Annual General Meeting of the Royal Institute of Navigation, Royal Geographical Society, London, 23 October 1974.
- K.185 41pp annotated typescript.
- K.186, K.187 Correspondence *re* the lecture, 1974.
2 folders.
- K.188, K.189 Background material.
2 folders.
- K.190-K.197 'The other way round'. The Chelsea Lecture, Chelsea College, London, 6 November 1974 and the Arthur Tyndall Memorial Lecture, University of Bristol, 9 December 1974.

Jones also gave versions of this lecture on numerous subsequent occasions over the following years.

See also D.223.

- K.190 1p manuscript notes headed ' 'Other Way Round' examples', 16 January 1974; 1p typescript synopsis of the Chelsea Lecture.
- K.191 22pp annotated typescript of the Chelsea Lecture and 2pp and 1p typescript draft material found therewith.
- K.192 26pp typescript of the Chelsea Lecture.
- K.193 Two 1p typescript introductions to the Arthur Tyndall Memorial Lecture.
- K.194 Correspondence relating to the Chelsea Lecture, 1974-1975.
- K.195 Correspondence relating to the Arthur Tyndall Memorial Lecture, 1974.
- K.196 Letters sent to Jones *re* the 'other way round' principle, 1976-1978, 1987, 1991.
- K.197 Background material.
- K.198 'A scientist in World War II', University of Sussex, 7 November 1974.
1p manuscript notes; letters to Jones *re* arrangements, 1974.
- K.199-K.203 'Engineering creativity'. 61st Thomas Hawksley Lecture, Institution of Mechanical Engineers, London, 11 December 1974.
- K.199 Annotated photocopy of 43pp typescript.
- K.200, K.201 Correspondence *re* arrangements for the lecture and its publication, 1974-1975.
2 folders.

- K.202, K.203 Correspondence arising from the lecture, 1974-1978.
2 folders.
- K.204-K.206 Graduation Addresses, University of Aberdeen, 9 July 1975.
- K.204 Two 3pp typescript addresses.
- K.205 6pp manuscript draft of the addresses.
- K.206 Papers *re* arrangements, 1975.
- K.207 Speech at the Annual Dinner of Aberdeen Grammar School Former Pupils' Club, 29 October 1976.
6pp typescript; correspondence *re* arrangements, 1976.
- K.208 'The other way round'. The Sir Edward Appleton Memorial Lecture, University of Edinburgh, February 1977.
2pp typescript draft introduction to the lecture; correspondence *re* arrangements, 1976-1977.
- K.209 Speech as Guest of Honour at Haileybury College Speech Day, 4 June 1977.
Photocopy of 6pp typescript; brief correspondence *re* arrangements; cutting from *The Haileyburian*, October 1977 containing a published version of Jones' speech.
- K.210-K.216 'Through music to the stars', University of Bath, 11 October 1977.
This public lecture on aspects of William Herschel's work was linked to an exhibition held at the Holburne Museum in 1977 on 'Science and Music in Eighteenth Century Bath'.
The lecture was published in *Notes and Records of the Royal Society of London* **33**, no. 1 (August 1978).

- K.210 Annotated photocopy of 24pp typescript and 2pp bibliographical notes; 1p list of captions for the published text.
- K.211 10pp manuscript notes and draft material for the lecture.
- K.212, K.213 Correspondence *re* arrangements for the lecture and its publication etc, 1976-1978.
2 folders.
- K.214-K.216 Background correspondence and papers relating to the lecture, 1977.
3 folders.
- K.217 'The other way round'. The Larmor Lecture, Queen's University, Belfast, 19 October 1977.
1p manuscript notes; correspondence *re* arrangements, 1976-1977.
- K.218, K.219 'The Physical Sciences in the Eighteenth Century'. Annual Lecture at the Annual Conference of the British Society for Eighteenth Century Studies, London, 6 January 1978.
- K.218 18pp typescript.
- K.219 Correspondence *re* arrangements, 1977.
- K.220 Lecture on 'aether drag' and radiation pressure, Department of Physics, University of Manchester, 7 March 1978.
1p manuscript notes; correspondence *re* arrangements, 1977.
- K.221-K.223 'The other way round', University of Leeds, 8 March 1978 and University of Newcastle, 9 March 1978.
- K.221 2pp manuscript notes.

- K.222 Correspondence *re* arrangements for the lecture in Leeds, 1977-1978.
- K.223 Correspondence relating to the lecture in Newcastle, 1976-1978.
- K.224 Speech as Guest of Honour at the Annual Dinner of the British Wireless Dinner Club, London, 20 April 1978.

1p manuscript notes; correspondence *re* arrangements, 1977-1978.
- K.225 'Design the other way round'. The MacNeill Lecture, Trinity College, University of Dublin, 19 May 1978.

1p manuscript notes; correspondence *re* arrangements, 1977-1978.
- K.226 Address at Milne's High School Prizegiving, Fochabers, Morayshire, 30 June 1978.

1p manuscript notes; programme.
- K.227 Speech presenting Sir Edward Maitland Wright for an Honorary Degree, University of Aberdeen, 7 July 1978.

4pp typescript.
- K.228 Speech at the Annual Luncheon of the Scientific Instrument Research Association (SIRA), 17 October 1978.

1p manuscript notes; invitation to attend the Luncheon as Guest of Honour, with reply by Jones, 1978.
- K.229 'The other way round', Aberdeen University Engineering Association, 24 October 1978.

1p manuscript notes.

- K.230-K.232 'The Nation in Science and Defence', University of St Andrews, 28 October 1978.
- This was one in a series of St Andrews Jubilee Trust lectures on nationhood.
- K.230, K.231 Annotated photocopy of 24pp typescript; 23pp typescript.
- 2 folders.
- K.232 Correspondence *re* arrangements for the lecture and its publication, 1978-1979.
- K.233 Lecture at Gordonstoun School, Elgin, Morayshire, 3 November 1978.
- 1p manuscript notes; letter to Jones *re* arrangements, 1978.
- K.234-K.236 'Science, Intelligence and Policy', Royal United Services Institute, 8 November 1978.
- K.234, K.235 23pp annotated typescript; 23pp typescript.
- 2 folders.
- K.236 Correspondence relating to the lecture, 1978-1979.
- K.237 'The other way round', University of Warwick, 6 March 1979.
- 1p manuscript notes; correspondence *re* arrangements etc, 1978-1979.
- K.238-K.240 'Reflection of a Most Secret War'. 34th Reginald Mitchell Memorial Lecture, Stoke-on-Trent Association of Engineers, 11 October 1979.
- K.238 23pp annotated typescript.
- K.239, K.240 Correspondence *re* arrangements, 1978-1979.
- 2 folders.

- K.241-K.246 'Intelligence and deception'. Annual London Lecture of the Royal Signals Institution, at the Royal Commonwealth Society, London, 29 November 1979.
- K.241, K.242 Photocopy of 24pp typescript; 25pp typescript.

2 folders.

These appear to be drafts of an earlier lecture on the same subject, given by Jones in Boston, USA in April 1979.
- K.243 32pp typescript + captions, with 10pp transcript of answers given by Jones during the discussion following the lecture.
- K.244-K.246 Correspondence *re* arrangements for the lecture and its publication etc, 1979-1980.

3 folders.
- K.247 'Incidents from Most Secret War'. Lecture to SAS, London, 29 May 1980.

1p manuscript notes; correspondence *re* arrangements, 1980.
- K.248, K.249 'Most Secret War'. The Courtauld Lecture, University of Manchester Institute of Science and Technology (UMIST), 18 November 1980.
- K.248 1p manuscript notes.
- K.249 Correspondence *re* arrangements etc, 1979-1981.
- K.250, K.251 'Are science and secrecy compatible?', Athenaeum Club Talk Dinner, 30 March 1981.
- K.250 9pp typescript.
- K.251 Correspondence *re* arrangements, 1980.

- K.252 'Scientific intelligence in World War II', Royal Air Force College, Cranwell, Lincolnshire, 31 March 1981.

1p manuscript notes; correspondence and papers *re* arrangements, 1981.
- K.253 Speech at Bomber Command Reunion Dinner, 2 May 1981.

Annotated photocopy of 9pp typescript, with 1p manuscript draft insert; programme.
- K.254, K.255 'Graduation Address to Science Graduates', University of Aberdeen, 8 July 1981.

9pp manuscript draft; 6pp typescript.

2 folders.
- K.256-K.292 'From Magna Carta to Microchip'. Royal Institution Christmas Lectures, Royal Institution, London, 19 December 1981 - 2 January 1982.

This was a series of six lectures by Jones on aspects of measurement which were televised and broadcast on BBC 2.
- K.256 8pp typescript 'Preliminary Outline' of the lectures.
- K.257, K.258 Printed booklet containing synopses of the lectures, with 11pp manuscript draft and annotated 12pp annotated typescript draft.

2 folders.
- K.259 Untitled 9pp and 13pp typescript drafts for Lecture I.
- K.260 10pp manuscript draft material.
- K.261, K.262 Manuscript notes and diagrams by Jones.

2 folders.

- K.263 Manuscript and typescript lists of demonstrations for the lectures.
- K.264 Manuscript and typescript lists of facts and figures, possibly for use in producing slides.
- K.265 Correspondence with the Royal Institution relating to the lectures, 1980-1984.
- K.266-K.270 General correspondence relating to the preparation of the lectures, 1981-1982.
- Includes correspondence with organisations and individuals that assisted Jones with demonstrations for the lecture.
- 5 folders.
- K.271-K.288 Letters to Jones arising from the lectures, 1981-1985, 1996.
- Mostly letters of appreciation.
- 18 folders.
- K.289-K.292 Background material.
- 4 folders.
- K.293, K.294 'A concurrence in Learning and Arms'. Centenary Lecture of the Oxford University Scientific Society, 21 May 1982.
- K.293 2pp manuscript notes; annotated photocopy of 12pp typescript.
- K.294 Correspondence and papers relating to the lecture, 1980-1982.
- K.295 Lecture to the Royal Air Force, Leuchars, St Andrews, 4 June 1982.
- 2pp manuscript notes; brief correspondence *re* arrangements, 1982.

- K.296-K.298 'A concurrence in Learning and Arms'. The Blackett Memorial Lecture to the Operational Research Society, held at the Royal Society, London, 11 June 1982.
- K.296, K.297 23pp annotated typescript; 24pp typescript.
2 folders.
- K.298 Correspondence *re* arrangements etc, 1981-1982.
- K.299 'Measurements', King's College Maxwell Society, King's College, London, 11 October 1982.
1p manuscript notes; letters to Jones *re* arrangements, 1982.
- K.300 Speech as HMS Caledonia's Guest of Honour at its Trafalgar Night Mess Dinner, Rosyth, Fife, 21 October 1982.
5pp manuscript draft; 5pp typescript; correspondence *re* arrangements, 1982.
- K.301 First Michael Wills Memorial Lecture, Rendcomb College, Cirencester, 12 May 1983.
1p manuscript notes; correspondence relating to the lecture, 1983.
- K.302, K.303 'Science and politics'. Lecture at the Conservative Party Conference, Blackpool, 13 October 1983.
This lecture was given under the auspices of the Centre for Policy Studies (see also H.51-H.93).
- K.302 14pp annotated typescript.
- K.303 Correspondence *re* arrangements, 1982-1983.
- K.304 Lecture at Malvern College, Great Malvern, Worcestershire, 7 March 1984.
2pp manuscript draft; correspondence *re* arrangements, 1983-1984.

- K.305 Speech at Special Forces Club Annual Dinner, 4 October 1984.
- 4pp typescript, annotated 'Reconstructed text of speech' by Jones; letter to Jones *re* arrangements, 1984.
- K.306 'The other way round', Rotary Club of Westhill and District, 30 November 1984.
- 1p manuscript notes; photocopy of letter *re* arrangements, 1984.
- K.307 'Lonach', 15 December 1984.
- 1p manuscript notes.
- K.308 'Some principles common to physics, engineering and life'. Schools' Christmas Lectures of the Royal Society of Edinburgh, University of Glasgow, 18 December 1984 and University of Aberdeen, 19 December 1984.
- 1p manuscript notes; correspondence and papers *re* arrangements, 1984.
- K.309 'The other way round'. Talk to a management seminar for nursery proprietors in the north east of Scotland, 23 January 1985.
- 1p manuscript notes; brief correspondence *re* arrangements, 1984-1985.
- K.310 Lecture to Headquarters Strike Command, Royal Air Force, High Wycombe, Buckinghamshire, 23 October 1985.
- 1p manuscript notes; letters to Jones relating to the lecture, 1985.
- K.311, K.312 'Time and distance', Annual General Meeting of the British Horological Institute, London, 24 October 1985.
- K.311 35pp manuscript and typescript draft.
- K.312 19pp typescript; papers *re* arrangements, 1985.

- K.313, K.314 'Genius in engineering'. Lecture at a meeting sponsored by Brown Brothers Ltd, Department of Mechanical Engineering, University of Edinburgh, 25 November 1985.
- K.313 35pp manuscript draft.
- K.314 20pp typescript; letter of appreciation, with reply by Jones, 1985; papers *re* publication of the lecture, 1986.
- K.315-K.317 'From radar to 'Star Wars' '. 19th Handley Page Memorial Lecture of the Royal Aeronautical Society, London, 24 April 1986.
- K.315 45pp manuscript draft.
- K.316 26pp annotated typescript draft.
- K.317 Correspondence *re* arrangements, 1985-1986.
- K.318 Lecture to Strathallan Aircraft Society, Auchterarder, Perthshire, 17 May 1986.

1p manuscript notes; correspondence relating to the lecture, 1980-1986.
- K.319-K.321 'The intelligence war and the Royal Air Force'. Inaugural Address to the first meeting of the RAF Historical Society, at the Royal Aeronautical Society, London, 20 October 1986.
- K.319 34pp manuscript draft.
- K.320 23pp typescript.
- K.321 Letters of appreciation, with replies by Jones, 1987.

- K.322 'Electronic warfare – past, present and future', Reserve Forces Association, Aberdeen, 6 March 1987.

5pp manuscript notes and draft; letter of appreciation, 1987.
- K.323 Speech at Fifteenth Anniversary Hydrographic Society Dinner, Aberdeen, 24 March 1987.

1p manuscript notes; letters to Jones *re* arrangements, 1986-1987.
- K.324 Speech at British Clock and Watch Manufacturers Association Lunch, 4 June 1988.

1p manuscript notes.
- K.325 'Aberdeen Mechanical Society. Centenary Lecture', 15 October 1988.

1p manuscript notes.
- K.326 Lecture to students, United World College of the Atlantic, St Donat's Castle, South Glamorgan, 18 November 1988.

1p manuscript notes; letters to Jones *re* arrangements, 1988.
- K.327, K.328 Speech to Defence Study Group, University of Cambridge, 22 November 1988.
- K.327 6pp manuscript notes.
- K.328 Correspondence *re* arrangements, 1988-1989.
- K.329-K.333 Address at Memorial Service for T.C. Keeley, Wadham College Chapel, Oxford, 18 March 1989.

Keeley was Jones' tutor at Oxford.
- K.329 11pp manuscript draft.

- K.330 Annotated photocopy of 7pp typescript.
- K.331 Correspondence and papers *re* arrangements, 1989.
- K.332, K.333 Background material.
- K.332 Photocopies of printed material.
- K.333 Correspondence, 1945-1974, mostly letters from Keeley to Jones.
- K.334 Speech at the Annual Dinner of US Naval Security Group Activity, Edzell, Tayside, 1 April 1989.

1p manuscript notes; letters to Jones *re* arrangements, 1989; programme.
- K.335 'Talk at Nat. Phil. Wake', Black Ballroom, 19 September 1992.

1p manuscript notes.
- K.336 'The spirit of research', Research Conference, Robert Gordon University, Aberdeen, 4 July 1995.

10pp typescript.
- K.337-K.340 Undated drafts.
- K.337 'Science and the unexpected', 18pp annotated typescript.
- K.338 Photocopy of 24pp typescript transcript of a conference lecture by Jones on science education.
- K.339, K.340 Miscellaneous manuscript notes for lectures.

2 folders.

K.341-K.393

Shorter correspondence

1946-1995

A chronological sequence of material kept by Jones in box files labelled 'External Lectures'. It consists of invitations to lecture declined by Jones as well as correspondence relating to lectures and speeches given by him for which there is no accompanying draft.

Although largely correspondence this sequence of material does include some programmes, seating plans and posters.

K.341 1946-1949.

K.342, K.343 1950-1951.
2 folders.

K.344 1952-1953.

K.345, K.346 1954.
2 folders.

K.347, K.348 1955.
2 folders.

K.349 1956.

K.350-K.352 1957.
3 folders.

K.353, K.354 1958.
2 folders.

K.355, K.356	1959. 2 folders.
K.357	1960.
K.358, K.359	1961. 2 folders.
K.360	1962.
K.361	1963.
K.362	1964.
K.363	1965-1966.
K.364	1967-1968.
K.365	1969.
K.366	1970.
K.367, K.368	1971. 2 folders.
K.369	1972.
K.370	1973-1974.

K.371	1975.
K.372	1976.
K.373, K.374	1977. 2 folders.
K.375-K.378	1978. 4 folders.
K.379-K.381	1979. 3 folders.
K.382-K.384	1980. 3 folders.
K.385, K.386	1981. 2 folders.
K.387, K.388	1982. 2 folders.
K.389	1983.
K.390	1984-1985.
K.391	1986-1988.

K.392 1989-1990, 1995.

K.393 4pp manuscript notes [in the hand of Sir Charles Frank] headed 'The system of ideas of theoretical physics', n.d.

These notes were found with this sequence of lecture material.

K.394-K.410

**Senior Officers War Course, Greenwich
1962-1978**

These papers relate largely to lectures given by Jones to the Senior Officers War Course at the Royal Naval College, Greenwich, London during the 1960s and 1970s. There is also some material relating to similar lectures given to courses at the National Defence College in Buckinghamshire and the Royal College of Defence Studies in London.

The papers were found together in three box files labelled 'SOWC Greenwich'.

K.394-K.397 Manuscript notes for the lectures, 1964-1976.

4 folders.

K.398 'The future for the Scientific Method', Royal College of Defence Studies, 15 June 1973.

1p manuscript notes; 1p typescript notes; 19pp annotated typescript.

K.399-K.409 Correspondence relating to the lectures, 1962-1978.

K.399 1962-1963.

K.400 1964-1966.

K.401 1967-1968.

K.402 1969.

K.403 1970.

K.404 1971.

K.405 1972.

K.406, K.407 1973.
2 folders.

K.408 1974.

K.409 1975-1976, 1978.

K.410 Background material, 1967-1968, n.d.

K.411-K.422

**Offprints
1947-1992**

A chronological sequence of offprints and photocopies of Jones' published lectures.

K.411 1947-1963.

K.412 1964.

K.413 1965-1967.

K.414 1968-1969.

K.415 1970-1971.

K.416 1972-1973.

K.417 1974.

K.418 1975-1978.

K.419 1979.

K.420 1980-1982.

K.421 1983-1987.

K.422 1990-1992.

K.423-K.495

BROADCASTS

1949-1995

A chronological sequence of material relating largely to Jones' association with the British Broadcasting Corporation (BBC).

He contributed to numerous radio and television broadcasts and served as a member of the BBC General Advisory Committee, 1964-1966, and its Scottish Selecting Panel.

The material includes correspondence and scripts relating to broadcasts and papers for meetings of the General Advisory Council.

All scripts are typewritten unless otherwise indicated.

K.423, K.424

1949-1952.

Includes 16pp script of a discussion between Jones and J.N. Davidson on 'The Education of the Scientist', 1952.

This radio discussion was broadcast on the BBC Scottish Home Service on 19 March 1952.

2 folders.

K.425-K.429

1956.

Mostly papers relating to a talk by Jones entitled 'Science, Technology and Morale: The German Challenge to Britain', including 10pp script and 9pp manuscript draft.

This radio talk was broadcast on the BBC Third Programme on 16 April 1956.

5 folders.

K.430

1958-1960.

K.431

1961.

12pp annotated script of a talk by Jones entitled 'Emotion, Science and the Bomber Offensive', with 17pp and 9pp manuscript drafts.

This radio talk was broadcast on the BBC Third Programme on 12 November 1961.

K.432

1961-1962.

K.433

1963.

Includes 11pp script of a talk by Jones entitled 'The Peenemünde Mystery', with 2pp script for the accompanying announcements.

This radio talk was broadcast on the BBC Third Programme on 15 December 1963.

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|--------------|------------|--|
| K.434 | 1964. | Includes 2pp typescript letter to the <i>Listener</i> , 5 February 1964; invitation to join the BBC General Advisory Council (accepted). |
| K.435, K.436 | 1965. | Includes 3pp typescript draft of a talk by Jones on Sir Edward Appleton.

2 folders.

See also F.15. |
| K.437-K.441 | 1966. | Includes correspondence <i>re</i> criticisms by Jones of a radio broadcast entitled 'Captain Mercer at Waterloo'.

5 folders. |
| K.442-K.444 | 1967. | Includes 12pp typescript draft of a talk by Jones on Niels Bohr.

3 folders. |
| K.445, K.446 | 1968. | Includes 3pp typescript letter and 4pp typescript outline by Jones <i>re</i> a proposed television series on the history of physics, January 1968.

2 folders. |
| K.447 | 1969-1971. | |
| K.448 | 1972. | |

- K.449, K.450 1973.
- Includes correspondence *re* arrangements for a radio programme about Jones' intelligence work during the Second World War.
- This programme was broadcast on BBC Radio 4 on 13 January 1974. It was part of a series entitled 'The Time of My Life'.
- 2 folders.
- K.451 1974 January.
- 13pp transcript of the recording for 'The Time of My Life'.
- K.452-K.457 1974 January-April.
- Mostly correspondence arising from the 'Time of My Life' broadcast, including numerous letters of appreciation.
- 6 folders.
- K.458 1974 May-June.
- K.459-K.465 1974 July-August.
- K.459 18pp transcript of a recording by Jones entitled 'The darkness is no darkness'.
- This was broadcast on BBC Radio 4 on 25 July 1974. It was part of a series entitled 'Dr Jones' War'.
- K.460 19pp transcript of a recording by Jones entitled 'The rocket's red glare'.
- This was broadcast on BBC Radio 4 on 1 August 1974. It was part of the 'Dr Jones' War' series.
- K.461-K.465 Correspondence arising from the 'Dr Jones' War' broadcasts, including numerous letters of appreciation.
- 5 folders.

- K.466 1974 September-December.
- K.467, K.468 1975.
Includes photocopy of 3pp typescript outline by Jones for a possible television series on 'Science in War', September 1975.
2 folders.
- K.469-K.474 1976.
Material *re* Jones' participation in two television series about the Second World War.
Jones took part in the BBC television series 'The Secret War' and a similar series by Yorkshire Television.
- K.469-K.471 Correspondence.
3 folders.
- K.472, K.473 32pp and 19pp scripts for Yorkshire Television programmes.
2 folders.
- K.474 Photocopy of 12pp script for a programme on 'The battle of the beams' in the BBC series 'The Secret War'.
- K.475-K.484 1977.
Material *re* the BBC and Yorkshire Television programmes.
- K.475-K.477 Post production scripts and shotlists for the BBC series 'The Secret War'. The titles of the programmes are given in the entries.
- K.475 32pp 'I: The battle of the beams'.
- K.476 38pp 'II: To see a hundred miles'.

- K.477 26pp 'III: Terror weapons'.
- K.478 3pp camera script for the sixth programme in the BBC series.
- K.479-K.484 Correspondence and papers, including letters of appreciation sent to Jones.
6 folders.
- K.485 1978-1979.
- K.486, K.487 1980.

Includes correspondence *re* Jones' participation in the BBC television programme 'Question Time' and *re* his setting of questions for the programme 'Mastermind'.

2 folders.
- K.488 1981.

Includes 2pp typescript letter to *The Times* *re* the preservation of sound-recorded interviews by the BBC, 4 August 1981.
- K.489 1982-1983.
- K.490 1984-1986.
- K.491 1987-1988.
- K.492 1989.
- K.493 1990-1992.

K.494 1993-1995, n.d.

K.495 Cuttings and reprints from the *Listener* relating to broadcasts by Jones, 1956-1975.

SECTION L

CORRESPONDENCE

L.1-L.140

The bulk of Jones' correspondence was found with the material to which it related, comparatively little correspondence was set aside by Jones. This section therefore presents those sequences of Jones' correspondence which were not found with material relating to his research, publications, societies and organisations etc.

The chief components are the contents of Jones' box files titled 'Oxford', 'HH' (Harold Hartley) and 'HCT' (Henry Cobden Turner). There are many references and recommendations, and some miscellaneous shorter correspondence.

L.1-L.33	OXFORD
L.34-L.50	HAROLD HARTLEY
L.51-L.66	HENRY COBDEN TURNER
L.67-L.89	MISCELLANEOUS SHORTER CORRESPONDENCE
L.90-L.140	REFERENCES, RECOMMENDATIONS AND EXAMINING

L.1-L.33	OXFORD	1934-1997
	L.1-L.12	Colleges
	L.13-L.33	Individuals
L.1-L.12	Colleges	1957-1995
L.1-L.4	Balliol College	1963-1994
	Jones was Skynner Senior Student in Astronomy at Balliol College 1934-1936. He was elected Honorary Fellow of the College in 1981.	
L.1	Exchange <i>re</i> Balliol 700th Anniversary Fund, 1963.	
L.2	Letter <i>re</i> 'Usborne Dinner', 1978.	
L.3	Correspondence, chiefly <i>re</i> Usborne Dinners and College appeal, 1981-1989.	
L.4	Correspondence, 1990-1994.	
L.5	Merton College	1983
	Correspondence <i>re</i> Boar's Head Dinner, 1983.	
L.6-L.12	Wadham College	1957-1995
	Jones was elected an Honorary Fellow of Wadham College in 1969. The material is chiefly correspondence <i>re</i> appeals and College functions.	
L.6	1957, 1959.	

L.7 1963, 1965.

L.8 1970-1978.

L.9 1982-1986.

L.10 1987.

Correspondence and papers *re* Wadham College events, 1-3 July.

L.11 1988-1990.

L.12 1991-1995.

Includes correspondence and papers *re* possible society of old members of Wadham College in Scotland.

L.13-L.33

Individuals

1934-1997

Many of the individuals represented here have a connection to the Clarendon Laboratory in Oxford, where Jones worked as a research student in the 1930s.

L.13-L.17

Bleaney, B.

1954-1996

L.13 1954, 1956.

Correspondence 1956 is *re* possible visit to the USA by Jones and Rawlinson Dinner at St John's College Oxford.

L.14 1972, 1984, 1988-1989.

- L.15 1990, 1992.
Chiefly correspondence *re* possible article by Bleaney on Oxford physics for *Notes and Records of the Royal Society*.
- L.16 1993.
Includes correspondence and papers *re* possible article on Oxford physics for *Notes and Records*.
- L.17 1994-1996.
Includes recollections of F. Soddy.
- L.18 **Bodle, A. H.** 1948, 1959, 1981
Bodle worked at the Clarendon Laboratory.
The later material relates to Bodle's family.
- L.19, L.20 **Croft, A. J.** 1966-1986
Croft worked at the Clarendon Laboratory.
- L.19 Correspondence *re* lecture by Jones at the Clarendon, 1966-1968.
- L.20 Correspondence, 1981, 1982, 1986.
Includes correspondence *re* F.A. Lindemann, 1986.
- L.21 **Keeley, T.C.** 1959-1989, n.d
Keeley was Jones' tutor at Wadham College, Oxford.
Correspondence and papers, 1959, 1976, 1989, n.d.
- L.22 **Kent, P.** 1991
Brief correspondence *re* C.H. Collie and E.W.B. Gill, 1991.

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|-----------|--|-----------------|
| L.23 | Kurti, N. | 1955-1996 |
| | Miscellaneous correspondence, 1955-1996. | |
| L.24 | <i>re</i> Milne, E.A. | 1991, 1997 |
| | Correspondence with M. Weston Smith, daughter, 1991, 1997. | |
| L.25 | Morrell, J.B. | 1987, 1996 |
| | Correspondence <i>re</i> information for Morrell's contribution to the <i>History of the University of Oxford</i> . | |
| L.26 | Sanders, J.H. | 1996 |
| | Correspondence and papers chiefly <i>re</i> W.C. Morgan and J.L. Tuck. | |
| L.27 | Simon, F.E. | 1952-1956, 1970 |
| | Chiefly correspondence 1956. Includes Jones' nomination of Simon for the Nobel Prize in Physics and Lady Simon's reply to Jones' letter of condolence. | |
| L.28 | Turner, D.W. | 1984-1985, n.d. |
| L.29 | Wilkinson, D.H. | 1964-1965 |
| | Chiefly <i>re</i> visits to lecture. | |
| L.30-L.33 | Miscellaneous Oxford correspondence | 1934-1996, n.d. |
| | In chronological order. | |
| L.30 | 1934, 1957, 1959. | |
| | Includes reply from Union Theatres Oxford Ltd to query by Jones on behalf of the Oxford Union Cinema Committee <i>re</i> student admission prices, 1934. | |

L.31 1965, 1969, 1972, 1975.

L.32 1980, 1982, 1985.

L.33 1990, 1991, 1994, 1996, n.d.

L.34-L.50

HAROLD HARTLEY

1965-1984

Jones had a number of associations with Sir Harold Hartley, including *Notes and Records of the Royal Society*. Jones assisted Hartley in the later years of his editorship and subsequently succeeded him as editor.

L.34-L.40 Correspondence with Hartley, chiefly *re* editorship and articles for *Notes and Records* and other matters relating to the history of science, 1965-1972.

For further material relating to *Notes and Records* see H.742-H.821.

L.34 1965-1967.

L.35 1968.

L.36 February-July 1969.

L.37 August-December 1969.

L.38 1970.

L.39 1971.

- L.40 1972.
- Includes notice of Hartley's death on 9 September.
- L.41 Correspondence with Sir Christopher Hartley, son, *re* biographer and archives of Sir Harold, 1973.
- L.42 Text of Address at Hartley's funeral by Edward Hodgkin, nephew, 14 September 1972.
- L.43-L.45 Memorial Service, 17 October 1972.
- L.43 5pp typescript and manuscript draft and 5pp typescript copy of Jones' Address at memorial service.
- L.44 Correspondence *re* arrangements for service, September-October 1972; Order of Service.
- L.45 Correspondence arising from memorial service, chiefly letters of congratulation to Jones on his Address, October 1972-March 1973.
- L.46-L.50 Hartley Lecture Committee.
- Shortly before his death the Royal Society established the Sir Harold Hartley Lectures. The inaugural lecture was given by HRH The Duke of Edinburgh on 21 May 1974. Jones was a member of the Lectures Committee and advised the Duke of Edinburgh on his Lecture.
- L.46 Papers *re* the establishment of the Lectures and the Committee, 1972.
- L.47 Papers *re* meetings to discuss arrangements for Inaugural Lecture, 1974.
- L.48 Correspondence between Jones and the Duke of Edinburgh and his staff, June 1973-May 1974.
- Chiefly Jones' information on Hartley and advice on sections of drafts sent to him.

L.49 30pp typescript '5th draft' of the Duke of Edinburgh's Lecture.

L.50 Correspondence *re* Hartley Lectures 1978 (Sir Frederick Warner) and 1981, and proposed Harold Hartley Engineering Centre, 1984.

L.51-L.66

HENRY COBDEN TURNER

1953-1996

Cobden Turner helped to develop the radio proximity fuse and other devices during the Second World War. After the war he became Managing Director of Salford Electronic Instruments Ltd (SEI). He became a friend of Jones following a chance meeting in 1953 and consulted him, on behalf of SEI, on a variety of technical matters connected with instrument design. He also had an interest in scientific intelligence. Cobden Turner retired in 1957 and remained in correspondence with Jones on social and technical matters. SEI also continued to consult Jones after 1957.

The correspondence is presented in chronological order. It includes letters *re* instrument design, scientific intelligence, social occasions and arrangements for visits to Salford and London.

See also B.419-B.431.

L.51 October 1953-August 1954.

Subjects include colour print machine and coal mining machinery.

L.52 September-December 1954.

Subjects include fluorescein and safety in mines.

L.53 January-May 1955.

L.54 June-December 1955.

Subjects include crystal growing and surgical swab detection.

- L.55 January-April 1956.
Subjects include colour printing equipment and selenium sludge.
- L.56 May-July 1956.
Subjects include colour printing equipment and selenium sludge.
- L.57 August-December 1956.
Subjects include thermostats.
- L.58 1957.
- L.59 1958.
- L.60 1959.
Chiefly social correspondence.
- L.61 1960.
Includes material *re* Dinner of the Worshipful Company of Makers of Playing Cards, 5 December.
- L.62 1961-1962.
- L.63 1963-1965.
Includes correspondence *re* cinema film 'Operation Crossbow' about the German Second World War V-weapons.
- L.64 1966-1969, n.d.

L.65	1971, 1978. Correspondence with Cobden Turner's widow.	
L.66	1986, 1990-1996. Correspondence with Cobden Turner's son-in-law, daughter and others. Includes references to Cobden Turner's wartime work.	
L.67-L.89	MISCELLANEOUS SHORTER CORRESPONDENCE	1949-1997, n.d.
L.67-L.75	Arranged by individual	
L.76-L.89	Arranged chronologically	
L.67-L.75	Arranged by individual	1955-1997
L.67	Burch, C.R. Chiefly <i>re</i> Bristol involvement with Czechoslovak 'reflecting microscope project'.	1972, 1973
L.68	Cook, A.H.	1955, 1956
L.69	Dodd, C.N. Henty- <i>Re</i> proposed biographical interview with Jones. Includes list of questions for interview.	1996
L.70	Duff, D.R.M. James- <i>Re</i> scientific intelligence.	1986

L.71	Griffiths, E.C. <i>Re possible lecture by Jones at Sheffield.</i>	1994-1995
L.72	Jones, F.E.	1955, 1965
L.73	Kewley, H.G. Kewley was a Director of H.G. Kewley Ltd., furniture manufacturers. <i>Re new construction method.</i>	1959
L.74	Leutz, C.R.	1959
L.75	Schelde, O. Chiefly <i>re</i> wartime experiences of Peter Mayer.	1997
L.76-L.89	Arranged chronologically	1949-1997, n.d.
L.76	1949-1959.	
L.77	1960-1965.	
L.78	1966-1969.	
L.79	1970-1972.	
L.80	1974-1977.	
L.81	1978-1980.	

L.82 1981-1983.

L.83 1984-1987.

L.84 1988-1990.

L.85 1991-1993.

L.86 1994-1996.

L.87 1997.

L.88 n.d.

L.89 Manuscript drafts of letters by Jones, n.d.

L.90-L.140 REFERENCES, RECOMMENDATIONS AND EXAMINING 1947-1995, n.d.

L.90-L.135 Employment, scholarships etc

L.136-L.138 Higher degrees

L.139, L.140 Science Research Council grants

L.90-L.135	Employment, scholarships etc	1947-1995, n.d.
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Chiefly references for former students and members of staff at Aberdeen.

In chronological order.

L.90	1947, 1949.
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L.91	1950.
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L.92	1951.
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L.93	1952-1953.
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L.94	1954.
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L.95	1955.
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L.96	1956.
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L.97	January-April 1957.
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L.98	May-December 1957.
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L.99	1958.
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L.100	January-March 1959.
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L.101	April-May 1959.
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L.102	June-December 1959.
L.103	January-May 1960.
L.104	June-December 1960.
L.105	January-April 1961.
L.106	May-December 1961.
L.107	January-April 1962.
L.108	May-December 1962.
L.109	January-May 1963.
L.110	June-December 1963.
L.111	January-May 1964.
L.112	June-December 1964.
L.113	January-March 1965.
L.114	April-August 1965.
L.115	September-December 1965.

L.116	1966.
L.117	1967.
L.118	1968.
L.119	1969.
L.120	1970.
L.121	1971.
L.122	January-March 1972.
L.123	June-December 1972.
L.124	1973.
L.125	1974.
L.126	1975.
L.127	1976.
L.128	1977-1978.
L.129	1979.

L.130 1980.

L.131 1981.

L.132 1982.

L.133 1983, 1985.

L.134 1986-1989.

L.135 1992, 1995, n.d.

L.136-L.138	Higher degrees	1951-1985
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In chronological order.

L.136 1951.

L.137 1956-1959.

L.138 1985.

L.139, L.140	Science Research Council grants	1977-1978
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L.139 1977.

L.140 1978.

SECTION M

NON-TEXTUAL MATERIAL

M.1-M.50

M.1-M.6	PHOTOGRAPHS
M.7-M.9	GLASS PLATE SLIDES
M.10-M.49	TWO INCH PHOTOGRAPHIC SLIDES
M.50	VIDEOTAPE CASSETTE

M.1-M.6	PHOTOGRAPHS	1965-1966, n.d.
	There are substantial sets of photographs in the Publications section J, relating to individual publications by Jones.	
M.1	Folder of aerial photographs (two of Worcester), 1965 and 1966. 7 photographs.	
M.2-M.6	'Equipment'. Miscellaneous photographs of apparatus and diagrams of apparatus so titled. Some of the photographs are mounted, and some are annotated. Few have any identifying inscription on verso.	
M.2	7 photographs.	
M.3	6 photographs.	
M.4	5 photographs.	
M.5	6 photographs.	
M.6	4 photographs.	
M.7-M.9	GLASS PLATE SLIDES	n.d.
M.7	Second World War. Chiefly illustrating German V-weapon technology, launching sites etc, radar and detection. 39 slides.	

M.8 Scientific equipment.

Photographs and diagrams of apparatus.

14 slides.

M.9 Miscellaneous.

3 slides.

M.10-M.49 TWO INCH PHOTOGRAPHIC SLIDES 1940s-1970s

These slides are both glass and photographic film. While some of the slides are dateable, Jones arranged his slides by theme so material from different periods was found together. The slides are retained in the order found.

M.10-M.17 Plastic boxes of slides.

M.10 Orange slide box labelled 'Beams/Kammhuber'.

34 slides.

M.11 Orange slide box labelled 'Optics'.

33 slides.

M.12 Transparent-top slide box labelled 'OWR'.

37 slides.

M.13 Orange slide box labelled 'Radar/People'.

36 slides.

M.14	Orange slide box labelled 'V1/V2'. 35 slides.
M.15	Transparent-top slide box. Unlabelled but chiefly Second World War. 60 slides in two rows of 30.
M.16	Transparent-top slide box. Unlabelled but chiefly Second World War. 57 slides in two rows of 30 and 27.
M.17	Green and white slide box. Miscellaneous personal and vacation slides. 25 slides.
M.18-M.49	Photographic hanging suspension files. These suspension files, each holding up to 24 slides, were found in Jones's portable suspension cases. Most were identified series, the titles of which are reproduced in the catalogue entries. These do not include Second World War illustrations but relate to Jones's science, science-related and history of science interests. They include photographs of natural phenomena, diagrams, data, famous figures and places in the history of science.
M.18	'Astronomy'. 24 slides.
M.19-M.21	'Buildings'.
M.19	24 slides.
M.20	24 slides.
M.21	24 slides.

M.22-M.24	'Geophysics'.
M.22	24 slides.
M.23	24 slides.
M.24	24 slides.
M.25	'Higher education'. 24 slides.
M.26, M.27	'Illusions'.
M.26	24 slides.
M.27	22 slides.
M.28-M.31	'Infra-red'.
M.28	24 slides.
M.29	23 slides.
M.30	24 slides.
M.31	22 slides.
M.32-M.34	'Maxwell' (James Clerk Maxwell).
M.32	24 slides.

M.33	20 slides.
M.34	24 slides.
M.35-M.37	'Observations'. Atmospheric phenomena.
M.35	24 slides.
M.36	22 slides.
M.37	13 slides.
M.38	'Optical levers'. 17 slides.
M.39	'Royal Institution'. 15 slides.
M.40-M.43	'Senses'.
M.40	24 slides.
M.41	22 slides.
M.42	22 slides.
M.43	12 slides.

M.44 'Surveillance'.

Bugging devices etc.

23 slides.

M.45-M.49 Untitled sets of slides.

M.45 Famous scientists.

14 slides.

M.46 Astronomical.

16 slides.

M.47-M.49 History of science.

M.47 20 slides.

M.48 15 slides.

M.49 19 slides.

M.50 VIDEOTAPE CASSETTE

1998

M.50 VHS 180 videotape of the Memorial Service for Jones at King's College Chapel, Aberdeen, 27 April 1998.

See also A.1.

INDEX OF CORRESPONDENTS

A. & M. FELL LTD	H.166-H.183, L.58
A.E.I. LAMP AND LIGHTING CO. LTD	D.224, D.225
A.T.V. NETWORK LTD	K.438, K.487
AANERUD, Kaare	F.165, F.171
ABERDEEN AND DISTRICT ASTRONOMICAL SOCIETY	K.162, K.366, K.367
ABERDEEN CONSERVATIVE CLUB	A.195
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