

**Catalogue FA, for box-files FA1 – FA2.**

Scope: FA1: Ferranti company, general information. FA2: technical information on the following Ferranti computers: Apollo, Hermes, Poseidon, Gemini, F1600, Argus, Sirius, and Orion. Together, these two box-files cover the period 1956 – 2012.

Note that items relevant to the Ferranti Mark I, Mark I\*, Mercury and Atlas computers are held in box-files E1 – E4, MA1 – MA14 and S1 – S5 – which are catalogued separately. This is because all these computers were based on prototypes designed at Manchester University and the archiving of Manchester historic documents has been centrally co-ordinated.

Note also that items relevant to the Ferranti Pegasus computer are held in box-files PF1 – PF4 – which are catalogued separately. This is a result of the special activity directed towards preserving a working Pegasus machine.

**FA1: Ferranti general.**

<b>Box</b>	<b>Date</b>	<b>Title</b>	<b>Description/comments.</b>
FA1	1975.	The Ferranti Computer Department: a history. B B Swann.	Photocopy of SHL's copy of a 98-page personal memoire – (the original of this is in the National Archive for the History of Computing, Manchester). This document was initially circulated privately and marked 'confidential'. The Appendix contains lists of deliveries of Ferranti computers – though comparison with other primary sources suggest that some of Bernard Swann's delivery dates need to be checked.
FA1	2002	My work with computers from the Ferranti Mark I to the ICT 1900 (1952 – 1966). M H (Harry) Johnson.	84-page bound personal memoire. Includes a letter from Harry Johnson, sending this copy to SHL. Also, a letter from Harry dated 8/10/2002 pointing out an error on page 42 of his memoire.
FA1	1994	Ferranti in the 1950s. Charlie Portman.	Photocopy of a 5-page article that appeared in <i>Resurrection</i> , Summer 1994, pages 14 – 18.
FA1	1957	The rise of the Computer Department. B W Pollard.	Photocopy of illustrated article in Ferranti Journal, Vol. 15, No. 3, 1957, pages 20 – 23.
FA1	1958	Ferranti computers, data-processing systems, auxiliary equipment and services.	40-page illustrated Ferranti glossy brochure List DC 36, November 1958. Also a selection of photocopied pages.
FA1	1956	21 Portland Place: the London Computer Centre. Joy Williamson and H	Photocopy of illustrated article in Ferranti Journal, Vol. 14, No. 1, Spring 1956, pages 2 – 4 & page 8.

		McG Ross.	
FA1	1957	Two historical articles from the 75 <sup>th</sup> Anniversary Ferranti Journal, Vol. 15, No. 3, Autumn 1957.	(a). The days of our age. R J Herbert. Pages 3 – 8 (including portrait photos of four prominent Ferranti men (S Z, V, S Z & Basil de Ferranti). (b) Ferranti Today. Anon. pages 29 – 32.
FA1	1957	Ferranti printed circuits. W G F Roberts.	Photocopy of an article in The Ferranti Journal, Vol. 15, No. 4, 1957.
FA1	1958	Our computer training courses. P L Young.	Photocopy of illustrated article in Ferranti Journal, Vol. 16, No. 1, Spring 1958, pages 14 – 15.
FA1	1961	Computer systems and services. (This, and the next 5 items, were donated by Myke Grantham on 22/4/2008).	Ferranti stiff-card format, technical reference brochure, List FCP1. Includes a comparative listing of ten Ferranti computers, giving number of deliveries, comparative speed, etc.
FA1	1961	Filecode, a commercial autocode.	Ferranti stiff-card format, technical reference brochure, List AUP2.
FA1	1961	Automation in transport.	Ferranti stiff-card format, technical reference brochure, List AP3.
FA1	1961	Sorting by computer.	Ferranti stiff-card format, technical reference brochure, List MP1.
FA1	1962	Mobile data logger for industrial use.	Ferranti stiff-card format, technical reference brochure, List CP9.
FA1	1962	Critical path: a technique for planning and control of production development and construction projects.	Ferranti stiff-card format, technical reference brochure, List AP7.
FA1	1962	Ferranti computers installed.	Photocopy of Ferranti document List CS286A, January 1962.
FA1	1963	Orders for Pegasus, Mercury, Perseus, Orion, Sirius, Argus, Atlas and Hermes.	3-page typed document, issued by Ferranti Newman Street, ref. EH/bas, July 1963.
FA1	1963	Ferranti encapsulated logical circuit elements.	Set of technical data sheets. List ES/106/1, Ferranti Ltd., Ferry Road, Edinburgh. Dec. 1963.
FA1	1963 - 1964	Ferranti logical circuit elements: silicon 300 series.	Set of technical data sheets.
FA1	1964	Ferranti International News, no. 2, 1964.	8-page newspaper format of a quarterly publication. This issue headlines Ferranti's contribution to BAC's TSR-2 tactical strike reconnaissance aircraft.
FA1	2000	The Ferranti Computer Centre. Hugh McGregor Ross.	5-page typed contribution to a CCS Symposium on Early Computer Bureaux, held at the Science Museum on 24 <sup>th</sup> October 2000.

FA1	1956	Staff group photo of the London Computer Centre.	This shows approximately 103 people, in a formal group photo taken in Regents Park.
FA1	c. 2000	Ferranti staff listings and CVs	(a). John Woodgate's list of 85 names for the 2000 reunion. (b). CV for George Felton. (c). Biographical notes & correspondence for Hugh Devonald and Ted Braunholtz.

### FA2: Apollo, Hermes, Poseidon, Gemini, F1600, Argus, Sirius, Orion.

FA2	1961	Ferranti Apollo computer.	Ferranti stiff-card format, technical reference brochure, List CP5, September 1961.
FA2	1961	The Ferranti Apollo computer. J Sharp.	5-page Report given at a BCS <i>Air Traffic Control</i> meeting held in London on 25 <sup>th</sup> October 1961. This document dated 27/10/61.
FA2	1963	Ferranti Hermes computer.	Photocopy of a 7-page illustrated brochure. List DSD/63/3, October 1963.
FA2	1964	Hermes: a new on-line computing system from Ferranti. B F M Adamczewski.	Article in <i>Data Processing</i> , may/June 1964, pages 4 – 14.
FA2	1999	Comments on Hermes from T R N (Tim) Walford.	Joined Ferranti Bracknell in 1963, left in 1974. Engineer on HERMES; then in 1964/5 re-engineered the HERMES design using integrated circuits, to produce a machine called the FM1600C. Gives lots of hardware details of the FM1600C.
FA2	2011	List of all Hermes documents held in the Museum of Science & Industry, Manchester.	List provided on 4/10/2011 by Jan Hicks, <a href="mailto:archivist@mosi.org.uk">Archivist: archivist@mosi.org.uk</a>
FA2	1961	Ferranti Poseidon computer.	Ferranti stiff-card format, technical reference brochure, List CP6, September 1961. (Two copies).
FA2	1999	Notes from Peter Niblett.	Peter joined Ferranti Bracknell in 1958. This is a long e-mail message mentioning: (a) the ADAC-M computer (developed for the Admiralty); (b) CERBERUS computer (for the army's missile launcher command post); (c) NEPTUNE/POSEIDON; HERMES; F1600.
FA2	1962	Ferranti Gemini computer system.	Ferranti stiff-card format, technical reference brochure, List CP7, February 1962. Gemini was designed as part of a continent-wide North American reservation system for Trans Canada Airlines.
FA2	1966	Orders for the F1600 computer.	Article in Ferranti International News, No. 1, 1966. Applications include real-time military systems, eg the Royal Navy's Action Data Automation (ADA) system on board HMS

			Eagle. (See above under Walford for the origins of the F1600).
FA2	1961	Ferranti Argus process control computer system.	Ferranti stiff-card format, technical reference brochure, List CP3, February 1961. Another copy.
FA2	1961	Two A4 photos of an Argus installation.	Photocopied from Ferranti Argus document DC 39C, dated 1961.
FA2	1970	Ferranti Argus 600 dual purpose computer/controller.	12-page Photocopy of Ferranti Wythenshawe illustrated document List ASD 33, January 1970, as revised March 1970.
FA2	1972 - 1976	Argus computer installations.	Photocopy of 19-page Ferranti document, dated 15 <sup>th</sup> sept. 1972. Lists deliveries by applications area, for the Argus 100, 200, 300, 400, 500, 500L, 600. Covers period 1964 – 1972.
FA2	1999, 2000	Retrospective comments on the Argus range from John Steel	In response to the CCS's Appeal for people to come forward with historical documents, memorabilia, etc., John Steel sent nine A4 pages of information on the evolution of Ferranti Argus computers. John was the hardware designer for Argus 400.
FA2	2012	Bloodhound on my trail: building the Ferranti Argus process control computer. Jonathan Ayles.	Reprinted from the international Journal for the History of Engineering & Technology, Vol. 82, No.1, January 2012, pages 1 – 36.
FA2	1959	Ferranti Sirius computer: questions and answers.	Photocopy of a 4-page Ferranti technical brochure, List CS 235A, September 1959.
FA2	1961	Two photos of Sirius.	These consist of good-quality photocopies of two pages of Ferranti technical manual List DC 42A.
FA2	1961	Ferranti Sirius computer.	Ferranti stiff-card format, technical reference brochure, List CP4, September 1961.
FA2	1999	Brian Parker's notes on Sirius.	Brian joined Ferranti West Gorton in 1960 and was a field service engineer for Sirius. He looked after a Sirius in Italy in 1961 and machines at Pilkingtons and Davy & United and, in 1962, in Czechoslovakia and in Australia.
FA2	c. 2010	The Ferranti Sirius computer at Monash University, Melbourne, Australia.	One-page illustrated hand-out (including 4 photos) from Monash Museum of Computing History. See <a href="http://www.infotech.monash.edu/museum">www.infotech.monash.edu/museum</a>
FA2	1960	Orion: Ferranti's new time-shared data processing system.	Photocopy of an article that appeared in <i>Data Processing</i> , April/June 1960, pages 114 – 121.
FA2	1961	Ferranti Orion computer.	Ferranti stiff-card format, technical reference brochure, List CP2, September 1961. (Another copy).
FA2	1961	Input and output	Ferranti stiff-card format, technical reference

		operations on Orion using Time Sharing.	brochure, List MP2, September 1961.
FA2	1961	Nebula commercial autocode.	Ferranti stiff-card format, technical reference brochure, List AUP3, September 1961. (Another copy).
FA2	1961	Application of the Orion Data Processing System to Branch Banking.	Ferranti stiff-card format, technical reference brochure, List AP2, September 1961. (Based on the system proposed for the National Provincial Bank).
FA2	1961	Application of the Orion Data Processing System to large scale merchandising	Ferranti stiff-card format, technical reference brochure, List AP1, September 1961. (Based on the system proposed for the Beecham Group).
FA2	1961	NEBULA: a programming language for data processing. T G H Brauholtz, A G Fraser and P M Hunt.	Photocopy of first page of an article that appeared in <i>Computer Journal</i> , vol. 4, issue 3, October 1961, pages 197 ff.
FA2	1963	A general description of the Orion 1 and Orion 2 computers.	77-page spiral-bound technical manual, published by ICT, List CS 391, September 1963. (This must be one of the first manuals to carry the ICT imprint, after the acquisition of Ferranti's mainframe computing activities by ICT in the autumn of 1963).
FA2	c. 1992	Metal Box Company's ORION usage, 1964 – 1975.	Single typed page of usage statistics, splitting the total hours into various categories.
FA2	2003	(a) Orion computers: table of machines and customers. (b) Other CCS seminar notes.	Typed hand-out and other notes, from the CCS Seminar on Orion, 20/2/2003.
FA2	1999 - 2003	Anecdotes and information provided by three former Orion pioneers.	(a). Notes from Charles Lindsay, 25/11/1999. (b). Notes & anecdotes from Terry Fowler, September 1999. (c). Ted Brauholtz: anecdotes and interesting political/personal notes about move to Orion 2.
FA2	1999	Anecdotes and information provided by a former Orion pioneer.	Notes from G F Crome.
FA2	2004	Ferranti Orion 2 contact group: report of a meeting at Storrington, West Sussex, 6 <sup>th</sup> July 2004.	5-page typed notes. Amongst other useful things, this contains a detailed two-page Orion 2 development time-line, from 21st September 1961 to 31 <sup>st</sup> October 1966.