

Catalogue PF, for box-files PF1 – PF4.

Scope:

PF1: Ferranti Pegasus and Perseus technical reports and brochures, in approx. date-order and subject-order.

PF2: More Pegasus technical reports; arrangements & correspondence for the CCS Pegasus Open Day in the Science Museum, Thursday 17th May 2001; photos taken at the Open Day.

PF3: Correspondence with 28 Pegasus pioneers.

PF4: Pegasus Photos (glossy prints, descriptions, provenance notes, CDs, etc.). Also, a copy of *The Pegasus Story: a history of a vintage British computer* by Simon Lavington, published by the Science Museum in 2000 (ISBN 1 900747 40 5).

The period covered by the four box-files is 1954 – 2000.

Box	Date	Title	Description/comments
PF1	Feb. 1954 – Oct 1955	File of H C Carpenter's NRDC correspondence and technical notes on the development of FPC1. Includes Ferranti brochures <i>List DC 9 (Aug. 1954) and List DC 9a (Jan. 1955)</i> .	After completing the transfer of the Elliott 401 to Rothamsted, Harry Carpenter represented NRDC in discussions with Ferranti's London Computer Centre regarding the development of Ferranti's Packaged Computer number 1 (FPC1), later called Pegasus. This file of more than 30 items covers technical specifications, contractual matters, notes of meetings, etc. that mark NRDC's interest in sponsoring Pegasus. Amongst the names mentioned are: W S Elliott, C E Owen, H J Crawley, B W Pollard, C H Devonald, W G Welchman, B B Swann and C Strachey. Amongst technical matters covered are loading rules, power supplies, instruction set, character codes, etc.
PF1	c. 1954	Set of logic symbols, package types and logical diagrams.	8 A4 pages (landscape format). Labelled as Fig. 3.1, 3.5, 6.1, 6.2, 7.1, 7.2, 9.1, 11.4. (Two sets). (Not clear to SHL to which original document these diagrams should be attached).
PF1	Aug. 1955	A description of the Ferranti Pegasus computer. DC10.	32-page illustrated glossy brochure. Ferranti document List DC 10. This was published before the first production model was completed. This copy belonged to Derek Milledge. Another copy.
PF1	Feb. 1958	A description of the Ferranti Pegasus computer with magnetic tape equipment.	51-page illustrated glossy brochure. Ferranti document List DC 10A. Also, photocopy of pages 38 – 50, with covering

		DC 10A, second edition.	letter from Mike Kingston.
PF1	1956	The three IEE Pegasus papers, bound together. These appeared in Proc. IEE, Vol. 3, Par B, supplement 2 and supplement 3	(a). The design philosophy of Pegasus, a quantity-production computer. W S Elliott, C E Owen, C H Devonald and B G Maudsley. Pages 188 – 196. (b) The magnetic drum store of the computer Pegasus. I W Merry and B G Maudsley. Pages 197 – 202. (c). A sonic delay line storage unit for a digital computer. J W Fairclough. Pages 491 – 496.
PF1	Oct. 1956	The design philosophy of Pegasus, a quantity-production computer. W S Elliott, C E Owen, C H Devonald and B G Maudsley.	Proc. IEE Vol. 103, Part B, Supplement 2, 1956, pages 188 – 196.
PF1	1957	The Pegasus computer. C H Devonald.	Illustrated article in the Ferranti Journal, Vo. 15, No. 2, pages 10 – 13. Two copies.
PF1	1957	(a). The design of the Ferranti Pegasus computer (parts 1 & 2). T G H Braunholtz. (b). The magnetic store for Pegasus. T G H Braunholtz & D Hogg.	Reprinted from <i>Electronic Engineering</i> , August, September & October 1957 issues. Three papers, total of 19 pages.
PF1	1959	The Pegasus Autocode. B Clarke & G E Felton.	<i>Computer Journal</i> , Vol. 1, issue 4, Jan. 1959, pages 192 – 195.
PF1	1961	The use of Pegasus autocode in some experimental business applications of computers.	Reprint of an article that appeared in the <i>Computer Journal</i> , Vol. 4, No. 1, 1961, pages 30 – 34.
PF1	1961	The Pegasus, Mercury, Sirius Autocode.	Fold-out, 9-page, stiff card technical reference brochure, List AUP.1
PF1	1960	A function interpretive scheme for Pegasus. J S Hornsby.	Photocopy of the first page of an article that appeared in <i>Computer Journal</i> , vol. 2, issue 4, pages 174 ff, Jan. 1960.
PF1	c. 1958	Pegasus character code, as in List CS 141C	Includes a note on Hugh Macgregor-Ross's contribution.
PF1	Oct. 1960	Ferranti Pegasus computer: programmes available in the interchange scheme.	70-page foolscap typed document, List CS 206C.
PF1	Sept. 1961	Pegasus computer: Index to library specifications, issue 8.	24-page foolscap manual, List CS 75G.
PF1	c. 1960	Single-page advert for Pegasus, giving the price in dollars.	This is a 2001 photocopy of one page of an identified website that is no longer accessible in 2015.
PF2	Sept. 1955	A small data processor. J M Bennett.	This is copy 37 of report No. 19, produced by Ferranti's 'London Computer and Information-Handling Laboratories', dated 1 st Sept. 1955. 17 pages (incl. 3

			diagrams/photos). This was a step towards what became known as Perseus.
PF2	Oct. 1955	System specification for a commercial data processor. J M Bennett.	This is copy 37 of report No. 18, produced by Ferranti's 'London Computer and Information-Handling Laboratories', dated 3 rd Oct. 1955. 44 pages (incl. 2 diagrams/photos) plus an errata letter dated 29/12/1955. This report was another step towards what became known as Perseus.
PF2	1956	A commercial data processor: an appreciation for the company executive.	Ferranti Ltd., List CS 67. Also, covering letter from J W Moffatt, of Ferranti, to H G Carpenter, explaining the connection with LCL Report no. 18.
PF2	1959	The Ferranti Perseus data-processing system. P M Hunt.	<i>Computer Journal</i> , Vol. 2, issue 2, July 1959, pages 68 – 75.
PF2	c. 1960	Note on the Pegasus converter data-processing system.	Photocopy of page 6 of Ferranti publication List DC 37 (November 1958), explaining the options for customers whose needs do not call for so large a data-processing system as Perseus.
PF2	1962	Computing bills of quantities. Anon.	Article in <i>Data Processing</i> , Oct. – Dec. 1962, pages 243 – 253. Describes work done on a Pegasus II at Ferranti's London Computer Centre.
PF2	1984	Pegasus comes home.	5-page ICL Press release dated 20 th March 1984. This describes the move London, and the re-commissioning at West Gorton, Manchester, of Pegasus number 25. This machine was built in 1959, delivered to Skandia Sweden in 1960, returned to Ferranti in 1961 and presented to University College London in 1964. Besides giving the historical background, this document gives a table comparing the performance of Pegasus with an ICL Personal Computer.
PF2	1993	(a). The design of Pegasus. Ian Merry. (b). Pegasus Working Party Report. Chris Burton.	<i>Resurrection</i> , Vol. 1, No. 7, Autumn 1993, pages 28 – 36; pages 37 – 38.
PF2	1995	Experience with Pegasus. Donald Kershaw.	<i>Resurrection</i> , Vol. 14, Winter 1995/6, pages 22 – 28.
PF2	1984	Pegasus comes home. ICL Press Release, 20 th March 1984.	5-page article describing the history, restoration and installation of Pegasus Number 25 at West Gorton.
PF2	1991	CCS Pegasus Group. Chris Burton.	Seven-page typed leaflet, produced by the Pegasus Working Group of the Computer Conservation Society at a time when Pegasus Number 25 was being restored in the Old Canteen of the Science Museum,

			South Kensington.
PF2	2001	Report on the Science Museum Ferranti Pegasus computer while it was originally with the Skandia Insurance Co. during 1959 – 1961.	18-page typed leaflet, edited by H M Ross with contributions from Harry Johnson and Ray Williams. Deals with the early life of Pegasus Number 25 and its punched-card equipment.
PF2	2001	CCS Pegasus Open Day, Thursday 17 th May 2001: event documents.	This event formed the official opening of a special Pegasus display area in the computer Gallery of the Science Museum, where Pegasus Number 25 was demonstrated by members of the Computer Conservation Society. Documents include: (a) Reception acceptances; (b) pre-event list of possible invitees; (c) programme of six talks at the seminar; (d) some OHP slides from the presentations; (e) correspondence with Sir John Fairclough, who chaired the seminar on 17/5/2001.
PF2	2001	Correspondence after publication of the Pegasus booklet but before the above Open Day.	List of recipients of the Pegasus booklet, sent out in December 2000. Also, 'thank you' letters from: John Bennett, Laurence Clarke, Elizabeth Elliott, George Felton, Sebastian de Ferranti, Peter Holland, Harry Johnson, Donald Kershaw, Hugh M Ross, Andrew St Johnston, John Woodgate. Some of these letters contain comments relevant to the Open Day seminar.
PF2	2001	35 colour photos taken at the above event on 17/5/2001.	12 photos taken by Len Hewett and 23 photos taken by Simon Lavington, showing Pegasus Number 25 being demonstrated to the invited guests.
PF2	2001	Various post-event documents.	(a) <i>Pegasus is alive and well</i> – a 2-page typed draft article describing the event of 17 th May 2001. (b) <i>Pegasus alive and well at Science Museum</i> – an article in the IEE News, July/August 2001, page 7. (c) <i>Pegasus takes flight to a permanent home</i> – an article in The Computer Bulletin, July 2001, page 12. (d) Sample 'thank-you' letter sent out to all who contributed directly to the event.
PF3	1999 2000	Correspondence with alphabetical group [1] people: John Bennett, Chris Burton, Martin Campbell-Kelly, H G (Harry) Carpenter. H J (John) Crawley (NRDC).	These 16 groups of letters and e-mails, involving a total of 28 people, relate to the research for the booklet <i>The Pegasus Story: a history of a vintage British computer</i> by Simon Lavington, published by the Science Museum in 2000 (ISBN 1 900747 40 5). Unless otherwise indicated, the correspondents all had some connection

			with Pegasus, either as former Ferranti employees or as end-users. The correspondence was part of an exercise between about March 1999 and July 2000 to gather facts and anecdotes and subsequently to check the text of the booklet. In some cases there were related telephone conversations but few notes of these survive.
PF3	1999 2000	Correspondence, alphabetical group [2]: Ray Delahunty (National Motor Museum, comparative prices of cars in 1962); John Deutsche (British Rail Eastern Region).	Group 2 (see above). Figures used in the booklet to compare the price of Pegasus with contemporary cars.
PF3	1999 2000	Correspondence, alphabetical group [3]: Elizabeth Elliott (wife of W S (Bill) who, at the time of writing, was ill and, from May 2000, deceased. See also Catherine Lickorish (daughter of Bill Elliott) below.	Group 3 (see above).
PF3	1999 2000	Correspondence with alphabetical group [4] people: Sir John Fairclough, Sebastian de Ferranti, Peter Hall.	Group 4 (see above).
PF3	1999 2000	Correspondence, alphabetical group [5]: S E (Ed) Hersom (ex-Elliott-Automation).	Group 5 (see above).
PF3	1999 2000	Correspondence with alphabetical group [6] people: Len Hewett, J P (Peter) Holland.	Group 6 (see above).
PF3	1999 2000	Correspondence, alphabetical group [7a]: M H (Harry) Johnson.	Group 7a (see above).
PF3	1999 2000	Correspondence, alphabetical group [7b]: M H (Harry) Johnson, continued.	Group 7b (see above).
PF3	1999 2000	Correspondence, alphabetical group [8]: Michael Kingston, Godfrey Lance, Judith Milledge.	Group 8 (see above). (Note: correspondence with Derek Milledge follows in Group [13] below.

PF3	1999 2000	Correspondence, alphabetical group [9]: Catherine Lickorish (daughter of W S (Bill) Elliott).	Group 9 (see above).
PF3	1999 2000	Correspondence, alphabetical group [10]: Mrs J C Matthews.	Group 10 (see above).
PF3	1999 2000	Correspondence, alphabetical group [11]: Ian Merry.	Group 11 (see above). Ian Merry was responsible for the design of the Pegasus drum. Ian gives lots of interesting background information on the personalities and politics of Pegasus development.
PF3	1999 2000	Correspondence with alphabetical group [12] people: Colin Merton, Ann Moffatt.	Group 12 (see above). Ann Moffatt gives a detailed and amusing account of her days spent learning to program Pegasus at Ferranti's London Computer Centre.
PF3	1999 2000	Correspondence, alphabetical group [13]: Derek Milledge.	Group 13 (see above). Derek was an active member of the CCS's Pegasus Working Party. Sadly, Derek died in July 2000.
PF3	1999 2000	Correspondence, alphabetical group [14]: Hugh McGregor Ross.	Group 14 (see above).
PF3	1999 2000	Correspondence with alphabetical group [15] people: Doron Swade (Science Museum), John Wilson (author of books on Ferranti Ltd.)	Group 15 (see above).
PF3	1999 2000	Correspondence, alphabetical group [16]: John Woodgate.	Group 16 (see above).
PF4	2000	A copy of the Pegasus booklet.	<i>The Pegasus Story: a history of a vintage British computer</i> by Simon Lavington, published by the Science Museum in 2000 (ISBN 1 900747 40 5). 58 pages, many illustrations. This booklet went out of print in about 2006.
PF4	c. 2000	Three CDs and two PC removable discs, labelled with their contents.	Two CDs and two discs contain historic photos of Pegasus. Most of the photos are also included as paper prints in the 'Provenance' catalogue entry below. The third CD contains a Powerpoint presentation (35 slides), being the visuals for a Pegasus CCS seminar given by Simon Lavington on 18 th Feb. 2002.
PF4	c. 1956	Group [A] photos.	13 glossy b/w photos, group [A]. Early Pegasus photos, mostly taken by Ferranti Ltd. The copyright of most of these photos lies with the Ferranti Archive at the museum of Science & Technology (MOSI),

			Manchester.
PF4	Mostly 1950s	Group [B] photos.	9 glossy b/w photos and 2 colour photos, group [B]. Mostly early Pegasus photos taken by Ferranti Ltd., plus 2 photos of George Felton.
PF4	1999	Group [C] photos.	Group [C]: 13 colour photos taken on 23 rd March 1999 by SHL at Blythe House, showing members of a CCS team working to restore Pegasus Number 25.
PF4	1955	Group [D] photos.	Photocopies of 6 b/w photos taken in about 1955 and showing Ian Merry, John Bennett, Brian Maudsley and other members of the Ferranti Pegasus design team.
PF4	N/A	Copyright permissions, etc.	File containing listings of Pegasus photo titles; provenance; notes on copyright permissions; thumb-nail prints and reference photocopies of large numbers of photos.