List of references for the Ferranti Pegasus, Perseus and Sirius computers.

A. General references.

- 1. J F Wilson, *Ferranti: a history. Building a family business, 1882 1975.* Carnegie Publishing, 2001. ISBN: 1-85936-080-7.
- 2. S H Lavington, *Early British Computers*. Manchester University Press, 1980. ISBN: 0-7190-0803-4. The text has been made available at: http://ed-thelen.org/comp-hist/EarlyBritish.html
- 3. B B Swann, *An informal history of the Ferranti computer department.* 1975. (Circulated privately, but see the National Archive for the History of Computing, catalogue number NAHC/FER/C30).
- 4. B W Pollard, *The rise of the Computer Department*. The Ferranti Journal, Vol. 15, no. 3, 1957, pages 20 23.
- 5. E M Bradburd, *Magnetostrictive delay line*. Electrical Communication, vol. 28, no. 1, pp. 46-53, March 1951.
- 6. J W Fairclough, A sonic delay-line storage unit for a digital computer. Proc. IEE, vol. 103, part B, supplement 3, 1956, pages 491 496.
- 7. W G F Roberts, *Ferranti printed circuits*. The Ferranti Journal, Vol. 15, no. 4, 1957, pages 12 15.
- 8. P L Young, *Our computer training courses*. The Ferranti Journal, Vol. 16, no. 1, 1958, pages 14 15.
- 9. Ferranti Digital Computers Classified Index of Computer Literature, Library Services and Films, Ferranti Ltd, List CS 336 May 1962. (There were frequent editions of this document from about 1955 to 1963)
- 35. J. Hendry, *Innovating for Failure: government policy and the early British computer industry*. MIT Press, 1989. ISBN: 0-262-08187-3. See also W S Elliott's correspondence about this book on page 206 of the Computer Journal, vol. 43, No.3, 1991, in which Elliott points out certain misapprehensions concerning Pegasus.
- 36. C G Bell & A Newell, *Computer Structures: readings and examples.* McGraw-Hill, 1971.

B. Pegasus references.

Pegasus design

- 10. W S Elliott, H G Carpenter & C E Owen, *Development of Computer Components and Systems*, Proc. ACM, Toronto Conference, September 1952.
- 11. W S Elliott, C E Owen, C H Devonald & B G Maudsley, *The design philosophy of Pegasus, a quantity-production computer.* Proc. IEE, vol. 103, part B, supplement 2, 1956, pages 188 196.
- 12. T G H Braunholtz, *The design of the Ferranti Pegasus computer (part 1).* Electronic Engineering, vol. 29, August 1957, pages 358 363.
- 13. C H Devonald, *The Pegasus computer*. The Ferranti Ltd. house magazine, vol. ??, 1957, pages 10 13.
- 14. A description of the Ferranti Pegasus computer. Ferranti Ltd. technical manual, List DC 10, August 1955.
- 15. I W Merry & B G Maudsley, *The magnetic drum store of the computer Pegasus*. Proc. IEE, vol. 103, part B, supplement 2, 1956, pages 197 202.
- 16. G Emery, *The design of the Ferranti Pegasus computer (part 2).* Electronic Engineering, vol. 29, no. 355, September 1957, pages 420 5.
- 17. T G H Braunholtz and D Hogg, *The magnetic tape store for Pegasus*. Electronic Engineering, vol. 29, no. 356, October 1957, pages 484 9.
- 27. S H Lavington, *The Pegasus story: a history of a vintage British computer.* Published by the Science Museum, London, 2000. ISBN: 1-900747-40-5.
- 29. I Merry, *The design of Pegasus*. Resurrection (the Bulletin of the Computer Conservation Society), vol. 1, no. 7, Autumn 1993, pages 28 36.
- 37. M Campbell-Kelly, *Christopher Strachey, 1916-1975: a biographical note.* Annals of the History of Computing, vol. 7, no. 1, Jan. 1985, pages 19 42.

Pegasus programming

- 18. Ferranti Pegasus Computer: Pegasus Programming Manual. Ferranti Ltd., List CS 50,1955.).
- 19. G.E.Felton, *Assembly, Interpretive and Conversion Programs for PEGASUS*. Annual Review in Automatic Programming, Volume 1, Edited by Richard Goodman. Pergamon Press, 1960, pages 32 to 57.
- 20. G E Felton, *The Pegasus Programming Manual*. Ferranti Ltd., Newman Street, London, 1962. (This is the definitive manual; it has 319 pages and contains information on Pegasus 2 and later peripherals).

- 21. G E Felton, *Programming examples for the Ferranti Pegasus computer*. Ferranti Ltd, List CS 204, July 1958.
- 26. B Clarke & G E Felton, *The Pegasus autocode*. Computer Journal, vol. 1, issue 4, January 1959, pages 192 195.
- 38. M Campbell-Kelly, *The development of computer programming in Britain (1945 to 1955).* Annals of the History of Computing, vol. 4, No. 2, April 1982, pages 121 139.

Pegasus applications

- 22. P M Hunt, *The electronic digital computer in aircraft structural analysis*, parts 1 3. Aircraft Engineering, March 1956 (pages 70 76), April 1956 (pages 111 118), May 1956 (pages 155 165).
- 23. W F M Payne, *Operational Experience with the PEGASUS Autocode*. Annual Review in Automatic Programming, Volume 1, Edited by Richard Goodman. Pergamon Press, 1960, pages 58 to 63.
- 24. P M Ronaldson, *PEGASUS: An Example of an Autocoded Program for Sales Analysis and Forecasting.* Annual Review in Automatic Programming, Volume 1, Edited by Richard Goodman. Pergamon Press, 1960, pages 64 to 80.
- 33. D Barber, *Experiences with Pegasus 1*. Resurrection (the Bulletin of the Computer Conservation Society), Issue 14, winter 1995/96, pages 22 28.
- 34. A Moffatt, *Pegasus at Kodak*. Resurrection (the Bulletin of the Computer Conservation Society), Number 29, winter 2002, pages 18 21.

Pegasus marketing

25. J Williamson & H McG. Ross, *21 Portland Place – the London Computer Centre*. The Ferranti Journal, Vol. 14, no. 1, 1956, pages 2 – 4 & 8.

Pegasus conservation

- 28. J Cooper, *Making Pegasus fly.* Resurrection (the Bulletin of the Computer Conservation Society, *ISSN 0958 7403*), vol. 1, no. 1, May 1990, pages 18-21.
- 39. C P Burton, *Pegasus Group*. A seven-page hand-out, circulated privately, describing the machine restored by the Computer Conservation Society. October 1991.
- 30. C P Burton, *Determining the age of a Pegasus*. Resurrection (the Bulletin of the Computer Conservation Society), Issue 9, Spring 1994, pages 7-10.
- 31. H Johnston and D Milledge, *Letters Extra On Identifying Pegasi*. Resurrection (the Bulletin of the Computer Conservation Society), Issue 10, summer 1994, pages 27 & 28.

32. K Turner, *Determining the Age of the Manchester Pegasus*. Resurrection (the Bulletin of the Computer Conservation Society), Issue 12, summer 1995, pages 6-10.

C. Perseus references.

Perseus design.

Author(s)	Title	Publication details	Date
Design team	Perseus logic diagrams	Ferranti Ltd	1957-59
M Hill and R	Multiplier/divider organisation diagrams	Ferranti Ltd	1957
Arnott			
CP Burton	On the Logical Design of Perseus	Ferranti Ltd	1957/8
	(Perseus provisional logical description)		
Design team	Original machine log book	Ferranti Ltd	1958/9
P M Hunt	The Ferranti Perseus Data-Processing System.	The Computer Journal	July 1959

Perseus operation.

Author(s)	Title	Publication details	Date
TGH Braunholtz	Interchangeability and	Ferranti Ltd. CS234	Jul 1959
& H McG Ross	Compatibility of Magnetic Tapes		
D Hogg & H McG Ross	Operating Instructions for Using Electrodata Magnetic Tape Mechanisms	Ferranti Ltd. CS 233	May 1959
CP Burton & B	Weekly performance reports	Ferranti Ltd &	1960
Englund		Datacentralen	
CP Burton	Outline of Maintenance	Ferranti Ltd	Oct. 1960
	Experience on Perseus		

Perseus programming

Author(s)	Title	Publication details	Date
PM Hunt	Ferranti Perseus Computer –	Ferranti Ltd. CS181	Feb 1958
	Programming Manual		
	Perseus – Summarized	Ferranti Ltd. CS197	
	Programming Information – Card		
PM Hunt	Programming Examples and	Ferranti Ltd. CS177	Nov 1957
	Solutions for the Ferranti Perseus		
	Computer		
	Perseus Programme Sheet	Ferranti Ltd.	
	Perseus Computer and Card	Ferranti Ltd. CS198	
	Codes – Card		
G Ebsworth	Schedule of Programming Courses	Ferranti Ltd., memo	1958
	1958-59 for Pegasus, Perseus, Mercury		
CP Burton	Example program teleprinter output	Ferranti Ltd.	1958
	"Conversion of Sterling to Swedish Kronor"		
Design team	Engineer's Test Programs for Perseus:	Ferranti Ltd.	1958
	Descriptions and listings		

Perseus marketing

Author(s)	Title	Publication details	Date
	Ferranti Perseus Data-Processing	Ferranti Ltd. DC35	Oct 1958
	System, Sales Brochure		
PL Young	Ferranti Perseus Computer –	Ferranti Ltd. CS148A	May 1958
	Questions and Answers		
	Powers-Samas Samastronic		
	Tabulator - Sales Brochure		
	AB Datacentralen with Scandinavia's largest	DataCentralen,	Ca. 1960
	"Electronic Brain" working for you and for	Stockholm	
	us. Publicity Brochure (In Swedish)		
K-E Schang	Integrating the Procedures of an Insurance		Dec 1958
	Office. Paper No 18, The Business Computer		
	Symposium, Olympia London 1st-3rd		
	December 1958		
	"A New Concept in Service". Publicity booklet	SAMLAS	Jun 1960
	describing how the South African Mutual Life		
	Assurance Society Perseus was to be used		
	in the Life Assurance business.		

D. Sirius

Sirius design

Author(s)	Title	Publication details	Date
	Ferranti N type packages,	Ferranti Ltd., Engineering	
	Vols 1 and 2	Publication	
	Ferranti 'N' Type Packages	Ferranti Ltd., Engineering	Apr 1959
	Operation, use and circuits	Publication EP15	
	Notes on the Interconnection	Ferranti Ltd., Engineering	May 1961
	of Neuron Circuits	Publication EP25	
	Logical Description of	Ferranti Ltd., Engineering	Apr 1961
	Sirius - Provisional	Publication	-
KC Johnson &JE	Sirius 1 Basic Order Code	Ferranti Ltd	
Thompson	+ Input and Output + The		
	Sirius Music Program		
	Sirius Logic Diagram	Ferranti Ltd	
	The Monitor Routine	Ferranti Ltd	

Sirius programming

Author(s)	Title	Publication details	Date
	Ferranti Sirius Computer –	Ferranti Ltd. CS244	Aug 1959
	Programming Manual, Preliminary		
	Issue		
JF Davison	Ferranti Sirius Computer –	Ferranti Ltd. CS274A	Apr 1961
	The Sirius Autocode		
	Ferranti Sirius Computer -	Ferranti Ltd. CS302	Nov 1961
	Description of the Autocode		
AW	Ferranti Sirius Computer –	Ferranti Ltd. CS334	Aug 1962
	Extension of the Autocode		
	ICT Description of the Autocode for the	ICT Ltd. CS414	
	Sirius Computer		

	A check sheet of Sirius Autocode Instructions (manusript)	Ferranti Ltd.	
	Sirius - Input Routine	Ferranti Ltd.	
HIJ Goodman	Ferranti Sirius Computer – A Power System Load Flow Program	Ferranti Ltd. CS311	Nov 1961
MJE	E The Critical Path Schedule and Review Programme	Ferranti Ltd. CS344	Oct 1962

Sirius marketing

Author(s)	Title	Publication details	Date
PMR	An Introduction to the Ferranti Sirius	Ferranti Ltd. DC42	Apr 1960
	Computer - Sales brochure		-
PMR	Ferranti Sirius Computer: A Small Transistor	Ferranti Ltd. CS259	Feb 1960
	Decimal Computer – Sales brochure		
MJ Payne	Ferranti Sirius Computer: Questions and Answers	Ferranti Ltd. CS235	May 1959
MJ Payne	Ferranti Sirius Computer: Questions and Answers	Ferranti Ltd. CS235A	Sep 1959
	Ferranti SIRIUS Computer pocket brochure	Ferranti Ltd. CP4	Sep 1961