

LEOPEDIA

LEO Computers Society's guide to references and holdings related to the story of LEO

Index to documents etc. in 9 boxes of papers plus a box of journal articles and cuttings. From DTC's house in Sheen, catalogued January 2016 and added to May 2017

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LEO papers in Sheen: BOX 1

Catalogued by hjtc January 2016

No.	date	Description of Document	pages	comment
1	Undated	Manila folder: 'Timing a LEO Job based on L5'	5	
2	1951/2	List of Talks for Winter Session 1951-52 and programme for discussion groups	4	Looks like a lovely piece of memorabilia
3	1952	Manila folder: Layman's Guide Drafts - Draft of Chapter 26 Input. Chapter 11 - The Coordinator - plus some flow diagrams	Approx. 10	
4	Dec 1953	Manila folder: LEO II Test Programme M1/3 Technical material including lots of diagrams and flow-charts	30 plus	
5	1953-4	Manila folder: Inland Revenue specs. and tables with some handwritten notes and flow diagrams. DTC and unrecognised handwriting.	Approx. 10	
6	5.1.54	Manila folder: Tea-blending Paper and diagrams	Approx. 15	
7	10.12.54	Manila folder: Tea Blending Control - Emergency system Method summary plus charts	4 plus charts	
8	1955/6	Manila folder: Development - Long term records. Copies of correspondence with Lord Halsbury, Managing Director NRDC and memo to DTC and John Pinkerton from Mr Simmons on a further draft	20-30	
9	April 1957	Manila folder: Executive Course. Several copies of drafts and papers by DTC/PMG on: Parts Stores Jobs, Repetitive sequences, Costing and Production Control	Each 4-5 pages	
10	29.01.1959	Paper: Stewarts and Lloyds Seminar Choosing an Application by DTC	14	
11	Undated ? as above	Paper: How to Prepare a Statement of Requirements for a Computer Application	4	
12	March 1960	Paper: How to Make an Appraisal by DTC - appraisal	7	Looks potentially useful

		of a computing job		to researchers
13	Undated, ? pre 1971	Booklet: Preparing for a Computer Management Consultants Association	8 A5	Looks potentially useful to researchers
14	29.11.1963	Memo re Computer Appreciation Course for Top Civil Servants	3	
15	26.2.1964	Memo: Sales Consultants Course From Mr Gibson to 20 people including DTC, Messrs Aris, Comish, F Land, etc.	3 plus several lists re catering!	
16	4.7.1969	ICL binder: A Comparative Study of the Basic Language and the Synthetic Option Proposals for ICL's New Range	Half inch thick	Marked SECRET
17	Dec 1969	Paper: ICL: New Range Organisation Aside Memoire Note by MLNF on a report of an investigation of possibilities for convergence of MU and ICL New Range Specifications	Approx 20	
18	?1970s	ICL binder: ICL New Range Marketing Plan: Vol 3 Customers in the 70s	1 inch thick	
19	06.10.1971	ICL binder: ICL Business Plan: Report to New Range Working Party October 13 th 1971	14 plus appendices	
20	23.9.70	ICL folder: containing NRPO Studies – memo by DTC to Mr L Lightstone, Director-Sales	3	
	29.9.70	Short Description of New Range – Mike Forrest	8	
	Undated	Note on New Range Data Management System – DTC	9	
	Undated	Features of New Range	10	
	Dec 76	Note from John Pinkerton re Paper by Professor M.V.Wilkes plus the paper and a comment on it by DTC	17	Marked SECRET
	21.7.71	Outline Business Plan (John Aylett) and comments by DTC in October	4	
	9.11.71	Long-term Developments to 1900- note from DTC to Alan Bagshaw Short Description of New	3	

		Range – Mike Forrest		
21	1973	ICL Bound booklet: Pocket Guide to System B	17 – but very small – less than A5	
22	6/11/74	Paper: Science Museum – History of the Computer Industry. From BM Murphy Controller, Public and Parliamentary Affairs at the Science Museum asking for perusal of their draft chronology on the occasion of the new gallery on computers and computing.	18	Possibly a useful insight?
23	10/12/1976	Contract between Cap Sogeti Systems and ICL Belgium Plus further details of contract	5 plus annexes 25	
24	Feb. 1977	ICL Binder: The EEC Project Information Package	10	All about how to pack before leaving and tips on arrival in Lux!
25	May 1977	Papers: Letters from R F Evans to EEC re Demonstrations to be carried out before delivery of 2980 System.	10	
26	01.05.77 – 31.10.77	CAP Sogeti: Estimation Preliminaire pour une premiere tranche des travaux de conversion	16	In French
27	11.5.77	CAP Sogeti: Conversion des Applications C.C.E	23	In French
28	Jan 1977	Paper: EEC Study Progress report by J Prades	8 plus time flow chart	
29	1977	Paper: A sizing for the EEC 2980 By L. Cohen	35	Highly Confidential – not to be copied
30	June 1977	Red binder: EEC Project- various memos etc. re June 18 th Get-together.	Approx. 20	Mostly social re menus etc.
31	9/9/77	Kirchberg Bulletin: Journal of the EEC Project	8	Mostly social
32	March 1978	Early Programming Activity at the University of Cambridge – First draft of paper by Martin Campbell-Kelly, Dept. of Maths and Computer Studies, Sunderland Polytechnic	55 plus appendices	
33	April 1999	EDSAC 99 A bound paper on the occasion of the 50 th	75	This seems a very useful archive

		anniversary of the running of their first program on 5 May 1949. Chronology mentions LEO.		document. It may be widely available already, but potentially useful for research.
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Also a copy of **Information Professional** April/May 2004 the IEEE
No obviously relevant articles!!

LEO papers in Sheen: BOX No: 2

Catalogued by hjtc January 2016

No	date	Paper	pages	comment
1	17.6.1953	Flow-charts – Tracings of simple flow-charts. 'Chocolate' account and 'Savings' account	4	
2	18.10.54	Report – Tea Blending – analysis of job, including pricing	73	
3	11.55 – 2.56	Handwritten pages of info re LEO II - order constants, patterns and working locations plus handwritten set of operating instructions and error locations	20plus	Handwriting not recognised
4	22.1.1958	Draft Report: LEO Computers Ltd for C.A.V Ltd - - amended to read 'Kodak'	Approx 20	Complete with timings and costings
5	5.3.1963	Memos from DTC and Frank Land – comparison of policies and practice between LEO and English Electric	Approx 10	confidential
6	July 1966	Report: The flow of medical information in Hospitals - study commissioned by the Nuffield Hospitals Trust, undertaken by English Electric LEO Marconi Computers Ltd.	Huge file with flow charts – about 1 and a half inches thick	A very early example of systems, now probably very sophisticated but can still go horribly wrong
7	1967	Advertising brochure for EEC System 4 – glossy and illustrated	14	
8	28.3.1977	Cap Sogeti Premiere tranche des travaux de conversion	16	In French
9	18.11.77	2900 Systems Acceptance Activity Chart SYSAC 4	Large flow chart	
10	Around 1977	Article: 'A European Success story' typescript	5	
11	1979/80/82	ICL Technical Journal – Vol 1 Issue 2, Vol 2 Issue 2, Vol 3 Issue 2 – 2 copies	Small bound booklets	
12	September 2001	Papers on the theme: 'The World and Business Computing in 2051' entries	About 6-20 pages each – one	

		for the NCC Prize 4 papers from Scotland, Israel and USA predicting the future!	includes a powerpoint	
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LEO papers in Sheen: BOX No: 3

Catalogued by hjtc January 2016

No.	date	Paper	pages	comment
1	1948	Lectures – a Lyons series of lectures on Electronics organised by John Simmons	Approx. 20	
2	1951	Notes: Introduction to Programming 3 Sessions for LEO Technical staff	Approx. 15	Exercises and solutions
3	1954/6	Inland Revenue Correspondence between LEO and Inland Revenue staff and Tax tables		DTC notes that standard charge per hour has been reduced from £75 - £50 as machine is more highly utilised.
4	2/53 – 9/57	Thick file of LEO Computers Limited Trading Analyses	2 inches thick!	Some interesting annotations
5	3/5/1956	Folder: Job Requirements Littlewoods Mail Order Stores Ltd Stock Control	58	
6	Up to Dec 1956	File; 'Other Computers' Includes info on other early computers and notes on visits and a colloquium at Cambridge, May 1952, notes on NPL etc	1 inch thick	This looks very good! Note from DTC July 1957 'My impression is that IBM have a long way to go before they will be in a position to offer the planning and programming service that customers in this country are tending to demand.'
7	1960s	Draft Lecture notes by DTC - all handwritten! What a computer can do, Selecting a computer application, marketing	1½ inches	
8	Nov/Dec 1964	Report and recommendations following visit to RCA by DTC, DJ Blackwell and ACD Haley	Approx 100	Marked confidential
9	1967	English Electric Computers folder: The CAV integrated system –	4	

		reprinted article from Data Systems by Laura Tatham		
10	1967	English Electric Computers booklet: System 4 Program trials system	20	
11	1967	English Electric Computers booklet: System 4-30 Software	18	
12	2/3/78	Flow chart: 2900 Systems acceptance activity chart	1	
13	22/8/78	EEC Contract No EEC/H/07 between the EEC and ICL Belgium	¾ inch	
14	1/10/79 – 20/12/79	DTC Day file: Luxembourg matters		
15	1/1/80 – 24/3/80	DTC Day file: Luxembourg matters	2 inches thick!	
16	12/7/1979	Report: on 'Normal Running Demonstration'	1½ inches	v.technical – much in French
17	14/1/80	Report: on the performance of the CIRCE applications during 2980 Normal Running Demonstrations of 3rd – 15 th December 1979 with notes	About 30	Some notes in French
18	Around 1980?	Report by DTC: On line data bases of the Commission of the European Communities	Approx 12	2 copies
19	May 1980	Addendum to Contract between EEC and ICL Belgium	5	

LEO papers in Sheen: BOX No: 4

► *Mostly EEC Luxembourg Project*

Catalogued by hjtc January 2016

No.	date	Paper	pages	comment
0	Jan – July 1970	DTC Day file	2 inches thick	
1	Dec 1971	ICL New Range Introduction Strategy – submission to DTI	36	Secret
2	Dec 1971	ICL New Range Introduction Strategy – submission to DTI supplement	10	Secret
3	1972	Profile of DTC as Manager of New Range Support Organisation and Job Charter	2	Includes photo
4	1974	Various papers – on overtime pay, pricing also Lessons of a Conversion	About 20	

		Study on New Range		
5	21.2.1975	Papers for Computing in Government seminar at St Leonards on Sea, including papers delivered	Approx. 50	
6	September 1975	File of Reliability papers for 2900	1½ inches	
7	February 1976	Systeme CRONOS pour la gestion des series chronologique	41	In French
8	13.8.1976	File of papers on 2900 Marketing and System 4 User Group	About 20	
9	Jan 1977	2900 Configuration Summary	4	
10	19.2.1977	Bound report CAP Sogeti on Conversion	200?	In French
11	28.2.1977	File of papers on Communications Facilities for EEC	About 70	
12	March 1977	Correspondence between Central Computing Agency and ICL re 'Value of 2900'	10	
13	March 1977	Mixed file: on EEC contracts	1 inch thick	
14	April 1977	File of papers on EEC liaison re 2900	About 30 plus	Focus on site preparation
15	November 1977	Five Year Plan : Bridging Services Organisation	Approx 50	Including flow charts on New Range
16	Nov 1977	File of papers on negotiating with EEC re computer in Luxembourg	50	
17	December 1979	Report on the 'Final Normal Running Demonstration'	1½ inches	Possibly duplicate of file in Box 2
18	23.5.1980	Contract: EEC Contract no EEC/H/09 'The Provision of a 2976 Computer Facility'	Approx 30	
19	Jan 1977	File of notes and papers relating to EEC project incl a network project paper	1 inch thick	
20	Jan – April 1977	File of notes and memos relating to EEC project engineering and hardware issues incl diagrams and a full sheet of proposed layout of M/A room	1 inch thick	Input from Gilbert Foix, ICL France, Luxembourg
21	Sept 77 – June 1980	Kirchberg Bulletin – complete set of Journal of the EEC Project for all ICL participants	1 inch thick	Includes business and social aspects of the project

LEO papers in Sheen: BOX No: 5

Catalogued by hjtc January 2016

No	date	Paper	pages	comment
1	September 1982	Report to Software Administration and Revenue Board	Approx 20	
2	March 1983	File of notes and transparencies: software orders, revenue an margins	1 inch thick	
3	1983	NZ Post Office – file of technical papers	Approx 25	
4	1983	Correspondence file on NZ Post Office project and DTC's contract	12	
5	1/9/83	Agreement for Supply, Installation and Maintenance of Data Processing Equipment and the provision of software and associated services between the Postmaster of NZ and IC (NZ) Ltd.	86	
6	1983/4	File of letters about NZ Savings Bank matters incl some diagrams	1 inch thick	
7	2000	Planning file for 50th anniversary celebrations – memos and action lists	2 inches thick	
8	2001	PR file on the 50th anniversary containing many chronologies of early computing and articles	Nearly one inch thick	Potentially very useful!

LEO papers in Sheen: BOX No: 6

► *Very early stuff- feels like handling history!*

Catalogued by hjtc January 2016

No	date	Paper	pages	comment
1	unknown	Typescript of Chapter 7 Analysing Clerical work for LEO – annotations in handwriting by DTC	50 plus	No clue as to what the whole document was nor other bits of it!
2	1951 -3	File of notes, some handwritten of meetings re use of LEO – incl Simmons to Geoffrey Antony Salmon re use of LEO, and notes on timing and start dates of various jobs – incl payroll, teashops, etc and	10	

		Premium Bonds		
3	August 1952	Trial Technique – a technical paper with sets of results	10	
4	June 1953	Flow charts on A4 tracing paper	10	
5	April 1953/June 1952/May 1951	Paper: Checking errors in printed output by use of codes and duplicate printers, Use of a self-checking code on LEO (John Pinkerton) Checkable code for printed results (DTC) Self-checking codes (TRThompson)	Approx 15	References to coding used by EDSAC
6	June 1954	More on checking – Suppression of 15 character on programme tape, Matrices, , conversion of long numbers	Approx 15	
7	1954	LEO loading hours -for payroll, teashops, Orchard House, tea blending, wholesale bakery, ice cream and bakery	approx 15	
8	February 1955	Outline flowcharts for Wholesale Bakery Invoicing	5 charts	
9	9.5.1955	File: How the Synthesis orders are used , incl tables and flow charts	Approx 20	
10	Sept 1955 – Jan 1956	File on payroll charges including long lists of jobs and times	10	
11	1956 - 1963	Northampton College of Advanced Technology, Islington, London – Flyers on various lecture series including computing. Text of Lecture: The Application of Electronic Digital computers and calculators to Accountancy, Costing and Managerial control , Lecture by DTC with Leo Fantl on application of digital computers to crystallography	Approx 20	<u>Very interesting indeed</u> for anyone looking at early education in this field. The College is now part of City University which was founded in 1966. Perhaps they might be interested?
12	October 1956	File of papers on: Journey planning for ice cream delivery, computer application discussions, stock control - The Tea stores Job,	20-30	Includes a punched card and some record slips for tea blend job
13	October 1956	The Electronic Office – a bound collection of articles assembled by the Liverpool and Merseyside Branch of the Office Management Association after their conference in April 1956.	?30	Very interesting indeed – should be useful for anyone looking at this period in the uptake of

		Includes contribution from DTC 'Experience of a General Purpose Computer' and by Oliver Standingford on 'Using a Computer service' and 'Multum in Parvo' - his summary of papers and discussions at the conference.		computers. HJTC has held on to this pro tem
14	17.4.1957	Journal Proof – text of ' A Discussion on the Use of Electronic Processing Equipment' held at the Royal Statistical Society – contributors from HM Treasury, DTC, Rolls Royce, Gallup Poll – points raised by Mr Berners-Lee (Ferranti)	Galley-proofs 8 pages	
15	1958 - October 1960	File of papers: Work-loads of staff 1958, Mathematical Section workload 1958, Meeting with Shell-Mex Oct 1960	Approx 12	
16	February 1959	Mixed file: Notes of lecture to HM Treasury, Feb 59, notes on tour of Wills in Nov 59, List of Principal Secretaries who attended talk on data processing Jan 64	Approx 12	

LEO papers in Sheen: BOX No: 7

Catalogued by hjtc January 2016

No	date	Paper	pages	comment
1	August – Dec 1969	Day file		
2	August – Dec 1970	Day file		
3	January – April 1972	Day file		
4	May – August 1972	Day file		
5	Jan – July 1974	Day file		
6	July – Dec 1975	Day file		

LEO papers in Sheen: BOX 8

Catalogued by hjtc May 2016

No	date	Paper	pages	comment
1	Aug 1950	Manilla folder: Calculating Reciprocals <small>'Modification of Orders whose addresses are specified relative to locations in other stages of the programme or to any other</small>	20	

		prescribed location'		
2	Jan 1951	Manilla folder: Programming general . Some articles and lecture notes. E.g. Supervisors Manual. The technique of Office Management	40 ish	
3	Jan 1951	Manilla folder: Trainees notes . Clerical work in relation to Materials and production		Relates to cake bakery
4	Jan 1951 and Nov 1954	Manilla folder: Test programmes . Tests, faults etc.	10-12	Charts on patterns etc.
5	Oct. 1951	Manilla folder: EDSAC Sequences	10	
6	1952-3	Manilla folder: Programme Errors . Mostly handwritten and with list of types of errors.	10	
7	1/11/51	Manilla folder: Subroutine technique . Typescript of a draft with some pages in DTC's handwriting.	20 plus	
8	May 1952	Manilla folder: EDSAC Micro-programming . Notes on a colloquium at Cambridge on EDSAC II	2	
9	August 1953	Manilla folder: Initial Input Orders : Notes by DTC on Programme reading, Programme Input Method	10	
10	June 1954	Manual costs under LEO and orthodox systems . Detailed breakdown of all costs	20 ish	
11	1955/56	Manilla folder: Inland Revenue PAYE Schedule D – details of work on tax tables. Visit of TRT to Somerset House.	20 ish	
12	1955, 56, 57 mixed	Manilla folder: Lectures – General . Typed and handwritten by DTC.	1 Inch thick	e.g. Some remarks on Data Processing on LEO. An Introduction to Programming etc.
13	April 1957	Blue Leo Computers folder: Leo Computers Ltd Training Course for programmers and Operators	15 pages	Timetable for course – and course outlines.
14	April 1957 – 196316	Manilla folder: Assorted lecture notes and letters regarding training.		TRT, DTC,
15	April 1958	Blue Leo Computers folder: North Thames Gas Board Rental accounting Job Plan	1 inch thick	Section : How LEO does the job. Includes some handwritten notes.
16	July 1958	Blue folder: EDSAC Notes on a colloquium July 1958 and on John Pinkerton's visit to EDSAC	20 ish	
17	Sept 1958	Manilla folder: Invoices this quarter . Itemised bills for	Half inch	

		computing work done – labour and materials.		
18	Oct. Nov 1958	Manilla folder: Leo Computers Ltd Invoices. Itemised bills for work done at Elms House fro other firms – e.g British Oxygen, Fords etc.	20 ish	
19	January 1959	Blue Leo Computers folder: Renold Chains Limited Sales Procedures Job Plan Volume I		
20	January 1959	Blue Leo Computers folder: Renold Chains Limited Sales Procedures Job Plan Volume II		
21	April 1959	Blue Leo Computers folder: Renold Chains Limited Production Procedures Job Plan Volume I	1 inch thick	
22	April 1959	Blue Leo Computers folder: Renold Chains Limited Production Procedures Job Plan Volume II	1 inch thick	
23	May 1959	Blue Leo Computers folder: Report for Renold Chains Limited Prepared by JP Halpin	50 pages approx.	
24	July 1959	Blue Leo Computers folder: Eagle Star Insurance Co Ltd Specification for level premium group pension scheme take-on and renewals Volume II LEOII/1 Landscape format – detailed data for inputting.	I inch thick	Has specimen pages and pro-formas/
25	July 1961	Blue Leo Computers folder: Renold Chains Ltd. Pilot scheme for production procedures Job Plan : Volume One	Three-quarter inch	
26	July 1961	Blue Leo Computers folder: Renold Chains Ltd. Pilot scheme for production procedures Job Plan : Volume Two	Quarter inch	Mostly flow charts
27	July 1963 onwards	Manilla folder: New computer systems – memos on New families of computers with costs by JMMP , CW Woodall	20 plus	

LEO papers in Sheen: BOX 9

Catalogued by hjtc: June 2017

No	date	Paper	Approx. pages	comment
1	12.10.51	Check routines – checks to programmes, part hand-written. Manilla folder	C20	Incl a memo from August '49
2	20.6.52	Planning a Programme – Job (C 14)	15	
3	12.53	Tea shop orders (very detailed)	15	Insight into food in the 50s – list of all products
4	6.54	L.2 Tea shop orders	20	Management info. – lists of major alterations
5	54-55	Leo Initiation Course – syllabus. timetables and content with programming e.gs	30	
6	11.55	Systems Research Method Summary L.5 Wholesale bakery invoicing. Weekly routines – details of despatch methods.	20	
7	1955	Wholesale Bakery Invoicing L.5 Method summary	Half inch!	specimens, detailed charts, some samples
8	undated	LEO Requirements of a clerical job L5 Wholesale Bakery Invoicing. Specimens and schedules. Revision 1. Specimen folder		Hand – written samples of forms.
9	8.55	LEO Job Requirements Statement . L5 Wholesale Bakery. Direct sales by reps. Invoicing		Includes proformas
10	9.55	Ice Cream Journey Planning and Sales Statistics 8/9/55 (Green folder)	10	Specimen charts
11	12.56	I.T.C (Imperial Tobacco) John Gosden's report re visits to Bristol. V detailed. Also details of a Mathieu paper cutting machine		Smells of tobacco. Includes charts.
12	55-56	Teashops orders – detailed costing	20	Specific savings cited.
13	4.56	Tea-buying Control . L4 Job Requirements		A very clear and neat dossier
14	undated	Tea Blending Job Requirements. Specimens and charts		
15	56-60	Management minutes. Anthony Salmon/Simmons/TRT/Tony	1 inch thick	

		Barnes/ DTC/John Pinkerton		
16	57-58	LEO Trading Analysis Detailed budgets on forms		
17	12.59	Programming Progress report. New Jobs – lists of firms using LEO II	20	
18		Setting LEO to Work – Programming a Job (Pay roll)	30	
19	9.62	LEO III Training Courses. CLEO I Exercise on batting averages for a cricket club.	15	Includes pro-formas
20	11.63	J Lyons and Company Personnel and Training Bulletin (pale green folder)	8	Moral thoughts on training
21	1964	New Range Product Planning Integrating LEO III with KDF 6 and 9		

LEO papers in Sheen: BOX 10

Catalogued by hjtc: June 2017

No	date	Paper	Approx. pages	comment
1	unknown	The Layman's Guide to LEO – author not stated. In a black leatherette binding	25	With diagrams
2	1955	Wholesale Bakery Invoicing L5A Main Daily Job Specimens	6	
3	1955	Wholesale Bakery Invoicing L5B Daily Cash Balance Specimens		
4	1955	Wholesale Bakery Invoicing L5C Compilation of Cash Colletion Lists Specimens	6	
5	February 1956	Draft Job Specification L1 Payroll		Unbound copy
6	March/April 1958	Summary of Visits made in the USA by DT Caminer and JMM Pinkerton		
7	January 1959	Report for The Dunlop Rubber Company		
8	January 1959	The Renold Chain Company Ltd Sales Procedures Job Plan Volume 1		
9	April 1959	The Renold Chain Company Ltd Production Procedures Job Plan Volume 1		
10	February 1959	Ministry of Pensions and National Insurance Specifications for Payroll Part I Sections and Notes		
11	February 1959	Ministry of Pensions and National Insurance Specifications for Payroll Part II Schedules and		

		Specimens		
12	July 1959	British Oxygen Gases Ltd Edmonton Works Job Plan Volume II Control Jobs	1 inch thick	Bound blue folder with charts
13	July 1959	C.A. V. Ltd. Specification for Payroll E56		
14	October 1962	Kayser Bonder Ltd. Specifications for Retail Outlet. Accounts and Statistics		
15	Undated ?1968	American Diary John Aris Dates seem to point to 1968 but not stated anywhere.	unbound	

PAPER CUTTINGS, JOURNALS AND MAGAZINES – AND PRINT-OFFS
(non-originals listed in italics)

List compiled by hjtc Jan 2016

Date/Issue	Title	Relevant content
June 1983	Newsdesk – the newsletter of ICL New Zealand	Item on winning the NZ Savings Bank business
1993	ICL PLC Corporate Report 1993	24 page glossy sales brochure
November 1999	Computer Weekly Supplement IT@2000 – 50 years of information technology	Timeline lists 1951 LEO performs the world's first commercial calculation for Lyons and Co in the UK Article (4 pages) by Nicholas Enticknap ' Not just another good idea – the invention of digital computing – photo of LEO and other early computers Article (7 pages) by Julie Vowler ' We've come full circle – a brief history of the IT department – section on LEO, contributed by Frank Land
<i>Feb 2000 Volume 10</i> <i>Issue 1</i>	<i>IMIS Journal*</i> <i>HC has original</i>	<i>Back to Basics –interview with DTC on programming discipline 4 pages – 4 copies</i>
<i>10/8/2001</i>	<i>Evening Standard</i>	<i>Article PCs celebrate 20 years on the beat by Ross Davies photo of DTC</i>
<i>31/5/2001</i>	The Times supplement Tomorrow's Today	2 page spread p 20-21 on Development of computer from LEO I to a (sort-of) tablet! Includes picture of LEO I
<i>20/8/2001</i>	<i>Financial Times</i>	<i>Article 'The lion that failed to roar' Leo. The first business computer gained little recognition says Fiona Harvey</i>

Autumn 2001 Vol VII No 3	Convergence - The Wall Street Journal's magazine of Digital Business	David Caminer analyzes what went wrong with one of the world's first computers, the LEO by Richard L. Hudson 1 b page
Feb 2002 ISSN 1366-6851	Project Manager Today (2 copies)	Photo of LEO I on Cover The Day LEO Roared – DTC on the world's first business computer (3 pages)
Dec 2002 Vol 13 No 6	Computing & Control Engineering Journal	LEO and the Computer Revolution by DTC – text of Pinkerton Lecture (8 pages)
Feb 2003	<i>IEEE Computing and Control Engineering Journal</i>	A Modern Real-time Software Design Tool – Applying Lessons from LEO by Ferdinand Wagner and Peter Wolstenholme 5 pages
May 2004 Vol 5 No 5	<i>Journal of the Association for Information Systems</i>	The legacy of LEO – lessons learned from an English Tea and Cake Company's Pioneering Efforts in Information Systems by Richard O. Mason Typescript of 'final version' of text – 44 pages also Photocopy that gets v faint by the end! Approx 20 pages
unknown	Typescript of Review	' Carry on LEO ' Review of ' A Computer Called LEO ' by Georgina Ferry by Antony Bryant, Leeds Metropolitan University
Unknown: post 2003	Data ?? Possibly Data Management	Article 'This mad – What, me worry? A history of LEO among an article on how operating systems grow out of control. Photo of DTC and John Simmons by Ivo Vegter 3 pages
2007	BCS - Celebrating 50 Years Illustrated booklet	Chapter 'Birth of an Industry and the BCS' features Maurice Wilkes, photo of LEO I and potted history of LEO. Quotation by DTC 'Maurice Wilkes is one of the heroes of our nation and one of the most uncelebrated.'

Memorabilia etc.

1985	Newspaper – The Times?	Death announcement for John Simmons
?	Envelope	Collection of LEO programming sheets

Stewart Robertson

stew.robertson@btinternet.com <stew.robertson@btinternet.com>

If any reader knows of any other reference please let Frank Land know at f.land@lse.ac.uk

To: secretary@leo-computers.org.uk

18 Jun at 13:17

I have an operators console unit from one of the Post Office LEO326 machines.

I had the unit removed for me by one of the engineers when the machine was being decommissioned at Bristol Computer Centre.

I would like to hang on to it for the moment but could donate to the society at a later date.

From Paul Kelley

I worked in the Engineering Training Dept Jul 64-Aug 68 - first at Minerva Road and then at Radley House in South Ealing. I began on LEO III (never worked on the 326 or 360) until switching to System 4 in early 65.

I have in my possession a complete set of LEO III logic diagrams and microprograms. In 2013 I began documenting, in extreme detail, how the various subsystems withing LEO III operated. I had available to me the original text of my 1964 notes (and those of others) to assist me. I was intrigued as to whether or not, after 39 years, I could still do it. By way of illustration, attached is a Word doc of my efforts on the Coordinator which I ran by Tony Morgan in Dec 2013. It won't be too meaningful as there are extensive hyperlinked references to the logic diagrams and other documents.

Also attached is an image of my folder structure. I include this in order to point out that EVERYTHING I have has been scanned (1.5gb total) and to draw attention to the **Orig Text folder** which contains all my notes of 1964 vintage for all the LEO III subsystems.

In sum, I think it would be appropriate to have a discussion with someone as to how best to dispose of all the above so as to ensure that it is not lost. Some of it may be redundant as it may already exist in the 'archive'. Given that I am now 80 and the sole carer for my wife, time to indulge oneself in this project is at something of a premium and whether I will be able to finish the project problematical at best. In light of these circumstances I would be happy to send a memory stick with everything on it and take advice on how best to proceed with the hard copy versions.

From Gordon Palmer, Engineer at Ford Aveley, LEOII/4 and LEO Computers

1. Hardback folder - contains engineering charts for most aspects, including for example *storage unit, magnetic drum information routing, paper tape input, store, card input* etc. of LEO II/14.

2. Folder with various flowcharts, charts and diagrams .

3. Training course "A" lecture notes - general introduction to LEO II, including simplified block schematic of LEO II, general description of LEO II, basic circuits, binary arithmetic etc.

4. Training course "D" lecture notes - Computer actions, order code and schedule of registers etc.

5. Training course "E" lecture notes -Input & Output drum - actually includes lecture notes on punched tape and reading mechanism, Hollerith cards and card feed mechanism etc.

6. Training course "F" lecture notes - includes Power supplies, Operating control facilities, monitoring, marginal testing etc.

7. DVD of 1958 film of LEO II/4. Colour film of various activities including loading cards etc. With excellent commentary by Gordon. Lasts only a few minutes, it is not perfect but only really because of its age. The film work is quite good.

Peter Hermon's collection

If any reader knows of any other reference please let Frank Land know at f.land@lse.ac.uk

1. I have the complete plans for the Imperial Tobacco installation. for what your father called the most complicated system undertaken by LEO up to that time. I wrote all this myself between late 1956 and early 1957 and it is in 2 volumes totalling 340 pages. They include a detailed functional analysis of the job, details of the program suite needed to handle it plus specimens of documents and run time estimates etc. If you delve into the first 100 pages you will see how complex (petty, over elaborate?) the requirements were and numerous discussions with users were needed to elucidate them, often asking the same question on the same or different days until consistency was reached.

You can have these if you wish.

2. A proposal for Dunlop, estimating the cost of an installation, and the procedures needed, to handle sales accounting and stock control for the tyre division.

I wrote this in 1959. I would like to keep it but you can borrow it to copy (about 100 pages) if you wish.)

3. I have my original handwritten letter to Lyons in October 1964 replying to their advert for mathematicians. There is also the reply from TRT in Lyons offering me a job together with a few other letters from LEO Computers dealing with admin arrangements like dates. I was a bit disappointed with these coming from a small new company like LEO as, having a young family, I was keen to have the security that came from Lyons. I would like to keep my original letter with its reply but please copy them if you wish.

John Daines Collection for transfer to CCH

This is stuff that I've got and had given notional NAHC numbers in anticipation of it going to NAHC. A lot was collected at the 2010 and 2012 reunions. I've also had more stuff since that isn't on this list but which I am sorting out. All this belongs to the Society as far as I'm concerned and I will take it to CCH.

LEO III Users' Manual, 5 volumes June 1963. From Mike Buckley,. a. Hardware, b. CLEO, c. Intercode, d. Master Routine and Program Trials System, e. Test programs and utilities

LEO III/1 Programming Manual. Sept 1962. From Mike Buckley,

LEO III Training Course on Advanced Facilities. Cyril Lanch of Lyons

LEO II Overall Course, 3 volumes. Programming, operations, model job. Cyril Lanch of Lyons

LEO I Instruction Code with examples. Cyril Lanch of Lyons (with Peter Byford)

LEO Installation Planning Guide EELM Cyril Lanch of Lyons

ARDOC (Alpine Refrigerated Deliveries Operations Control) a plain language guide. Cyril Lanch of Lyons

CLEO Notes (Training Course January 1964). Cyril Lanch of Lyons

Document Reader Information Bulletins 1962-1963. Cyril Lanch of Lyons

Notes on LEO III Basic Programming Course No. 17. Bob Grazebrook, Leo

Intercode Course. Bob Grazebrook, Leo

Users Manual Vols 3,4,5. Bob Grazebrook, Leo

The Leo Specification issued by Russ Perrin. 28th April 1964 LEO 326 / 360, LEO III, Electrical features, Delivery and installation arrangements, Spares, Maintenance arrangements, Safety precautions. From Mike Buckley,

Collection from Cyril Lanch:

What I do have is:

a couple of "order/Invoice" forms L/94 from Lyons Bakery (one blank) dated 1960,

a couple of Lector forms for Lyons Cakes dated November 1964

a photo from 1964? in Lyons Mail of E Lenaerts, Dr Pinkerton, TR Thompson and E Kay, marking the switching-off of LEO 1

a double page spread in Lyons Mail dated April 1967 including 3 articles: "the incredible computer....." (celebrating the installation of a LEO 326 in Elms House earlier in the year); "the men who run our computer service" (featuring photos and brief bios of George Stevens, Alan King, Denis Toombs, Norman Beasley, and Brian Bean); and "discarded LEO 11 may now become a TV star"

a double page spread in Lyons Mail dated August 1967, featuring the LEO 111 computer fire

an article in the Daily Telegraph on 10 November 2011 titled "The teashop computer" celebrating the 60th anniversary of LEO 1 (includes a short but very complimentary paragraph re David Caminer's contribution).

LEO audio visual material from DTC:

Catalogued by hjtc: March 2019

o	date	Item		comment
	?	JRM Simmons interview	Audio cassette	
	?	A Computer Called LEO (This was read as book of the week on Radio 4 a few years ago.)	Audio cassette	
	2001	2nd Pinkerton Lecture and questions - DT Caminer	Audio cassette	
	?	David Caminer and John Pinkerton on the Net 1996	Video cassette	Philippa Dunstan is my niece.
	?	LWT LEO and old LP conf. (?)	Video cassette	
	2004	Inventions that changed the world - Episode 2 The Computer 22nd January 2004*	Video cassette	Jeremy Clarkson
		London's Home Movies Episode 4 (Granada)	Video cassette	No idea what this is at all!
	1982	History of Computing	CD ROM	Some LEO photos
	3/12/48	'Bakery Rds.' In pencil on the box	4" Reel of film	Numbered 32958 - 34694
0	2001	Electronic Brains - Review Copy Mike Hally	CD ROM	Copyright BBC
1	2001	Interview with David Caminer Part 1 Mike Hally for Electronic Brains	CD ROM	Copyright Mike Hally
2	2001	Interview with David Caminer Part 2 Mike Hally for Electronic Brains	CD ROM	Copyright Mike Hally

- ***Inventions That Changed the World*** is a five-part BBC Two documentary series presented by Jeremy Clarkson. First broadcast on 15 January 2004, the programme takes a look at some of the inventions that helped to shape the modern world. The UKTV channel *Yesterday* frequently repeats this series. However, episodes are edited to 46 minutes to allow for commercials to air in the one-hour time slot. Wikipedia

Donated by un-named Phoenix LEO III Operator

Object/document/collection description (Please continue on another sheet if necessary.)

2 X ring binders- both quite full.

Maroon ring binder with dividing cards: type-written training materials for LEO III operators: setting up magnetic tape decks, input equipment, 24 hour clock, anelox printer, output writer, control desk. Chart showing 'The main parts of LEO III', information storage, master routine, arithmetic unit.

Black ring-binder labelled 'Advanced Operating': Computer Centre Training – map of how to get to Charles House. Timetable of Advanced Operating Training course – some pages dated 1/9/1966. Chart showing Post Office LEO 326 and lecture notes. Plan of control desk indicator panel. Test paper with the answers and the marker's comments. Intercode action code summary.

Modern Records Centre, University of Warwick

Transferred to CCCH by Jude Brimmer April 2019

Accessions: 1078 1092 9 boxes Papers of John Aris 1980-2006

John B Aris (1934 - 2010) was an early computer programmer and a founder member of the LEO Foundation/LEO Computer Society.

He joined Lyons from University in 1958 as a programmer and became Sales Manager for English Electric-LEO responsible for government contracts.

In 1985 he became Director of the National Computing Centre in Manchester.

Papers re LEO training courses, NCC Conferences and organisation of the 50 Years of Business Computing Conference; reunions of LEO programmers; press cuttings and articles on LEO and early computing history.

Series Modern Records Centre, University of Warwick

ARI/1 3 boxes Papers of John Aris.

ARI/1/1 1078/1 Papers of John Aris: Box 1

Miscellaneous papers including biographical material; correspondence with Peter Bird about LEO history; draft of book.

File of PC magazines, publicity and news cuttings on early computer software incl. WordPerfect magazine;

File on jobs, incl. work at Pilkingtons. Imperial Group Ltd, synopsis of lectures by Deloitte & Co 1977 on tax; loose papers on LEO programming and training courses, 1958-1959;

LEO Handbook for staff 1959; loose papers on Company of Information Technologists, meetings and conferences.

Six cassettes 'Scaling the Peak' including management speakers John Banham and Charles Handy; 3 cassettes of the NCC Conference; 1 cassette 'Taming the IT Dragon' Peter Jay.

ARI/1/2 1078/2 Papers of John Aris: Box 2

File: 50 Years of Business Computing Conference, including printed emails, papers re speakers and press coverage of LEO pioneers.

File on US visits 1979 with manuscript notes; file on LEO Foundation with correspondence, minutes etc. 1996-2002;

File with copy articles by Aris, Pinkerton and others, press cuttings and notes; loose photographs. 1 cassette and 1 CD Rom.

ARI/1/3 1078/3 Papers of John Aris: Box 3

50 Years of Business Computing dinner and conference; minutes of Organisation Committee; papers invited and submitted with copies of papers given; EDSAC, 1999;

Cambridge Computer Laboratory papers.

Series ARI/2 1092 6 boxes John Aris and David Caminer. Deposited 2016

ARI/2/1 1092/1 John Aris/David Caminer: Box 1 1996-2009

File 1 Papers re LEO foundation: includes agenda and minutes of first meeting; Deed of Trust; correspondence, emails and papers re trustees. \r\n

File 2: papers re David Caminer tributes with obituary, copies of Pinkerton lectures, articles.\r\n

File 3: Articles and drafts for Kiev Conference. John Aris 'Animating the Archives' (1990), 'A computer called LEO' review, 2003; Looking at the LEO project (in IEEE Annals of the History of Computing, 2000), Inventing Systems Engineering (with draft and amended draft, suggested changes by F.Land), notes for Kiev conference; correspondence; article/speech by Maurice Wilkes; paper by F. Land, paper by Caminer; article by Caminer in The Computer Journal, 1997; manuscript notes.

File 4: Articles, correspondence and obituaries of LEO pioneers including Leo Fantl, notices of death of Sam Waters, transcript of interview with J.Pinkerton by Chris Evans of NPL; copy of Strategy, Sep 1999 with article on Lyons and LEO project.

File 5: Computer Conservation Society events including '50 years of computer payroll' seminar and celebration at Science Museum (Feb 2004), press releases and minutes of meeting, Jun 2003. Booklet 'Tradition meets Technology', Worshipful Company of Information Technologists. Pamphlet on history of computing.

If any reader knows of any other reference please let Frank Land know at f.land@lse.ac.uk

ARI/2/2 1092/2 John Aris/David Caminer : Box 2 1995-2000

File 1: Correspondence, notes and papers re history of LEO and publication of the book.

Papers by Aris, Caminer and others; correspondence with pioneers, recollections etc. Book first published as 'User-Driven Innovation: The World's First Business Computer' later retitled LEO: The Incredible Story of the World's First Business Computer.

File 2: Photocopy of diary/report of Aris's tour of USA in 1963; correspondence and emails; copy of Computer Bulletin, Jun 1991; review of Leo publication; Some Practical Steps in Advanced Management in Government - report on use of technology in government.

File 3: General file of correspondence, articles, newspaper cuttings, LEO Society papers; the National Computing Centre annual report 1996-1997; presentation papers; talks and speeches.

ARI/2/3 1092/3 John Aris/David Caminer : Box 3

File 1: David T Caminer: Review of ICL Spares, initial report Oct 1980; ICL Spares Kitting Policy and Procedures Jan 1981; provisioning and repair of PCBS, Jan 1981;

File 2: Mergers and take-overs. Press announcement- ICL and Fujitsu announce major collaboration in mainframe computers, Oct 1981; agreement between ICL and Fujitsu questions and answers; press cuttings; letter and statement from Gordon Brown MP re sell off of Britain's entire main frame computer industry and Labour opposition, 1990; correspondence and speeches re take-over, article 'Farewell to Britain's computer industry'; papers for STC plc AGM with proposals to shareholders re ICL and Northern Telecom (Nortel);

File 3: Correspondence, memoranda and reports on earliest LEO jobs and functions, inc's symposium on automatic digital computing 1952-1953, diagrams and tables;

File 4: Memoranda re original Lyons bakery pay roll, Dec 1953

File 5: Three editions of journals -Annals of History of Computing (1998, 2000, 2001) with article 'Looking at the LEO project' (Jul-Sep 2000); papers re Manchester NAHC; press cuttings and record of decisions at 89th conference of Labour Party, 1990

File 6: Offprints from publisher: Reviews of 'A Computer called LEO' in International Journal of Information Management 24(2004); article 'Animating the Archives' by John Aris (Aslib annual lecture, 1989); article 'LEO and the computer revolution' DT Caminer in Journal of Strategic Information Systems 12 (2003) and Preface.

ARI/2/4 1092/4 David Caminer : Box 4

File 1: Articles by Caminer and from journals inc. The ICL merger - a reappraisal by Martin Campbell-Kelly, University of Warwick; some notes on LEO's eclipse; LEO and It's Applications by Caminer, 1997; '- and how to avoid them' article in The Computer Journal 1958; How to Choose a Computer by Caminer (Sales Manager English Electric-LEO-Marconi Computers Ltd) 1966;

File 2: Press releases, personal papers and reminiscences: Maurice Wilkes 'Early Digital Computer Developments in England'; press releases re Post Office purchase of five computers, 1964; notes on LEO, 1971; Lyons Clerical Office 'Bulletin' Sep 1958 with note on payroll at back; article in Business History, Jan 1987; LEO III Commissioning - People and Memories; work record of David Caminer; correspondence and autobiographical notes of John Bennett; copy articles.

File 3: LEO Chronicle - developments arranged by year from 1947.

File 4: Full report by T Raymond Thompson of his visit to the USA in 1947 (typescript copy); report on computer structures (unknown author), c.1994.

File 5: Notes for a lecture; notes on papers presented by LEO Computers Ltd at summer school, 1955; notes for an interview of David Caminer OBE for the IMIS; prints from websites and archive descriptions from Manchester NAHC

File 6: LEO documentation: brochure on LEO Document Reader with photographs, 1962; booklet 'LEO the Automatic Office that revolutionised the whole conception of office practice'; booklet 'Lyons of London'; LEO - Equipment Costs of large scale LEO IIC Installations; reprint of article LEO III, 1962; papers on model job - LEO III training course 'Batting Averages Specification'; newspaper - ICL supplement on The Luxembourg Project - providing for the computer needs of the EEC, 1979.

ARI/2/5 1092/5 David Caminer : Box 5

File 1: Correspondence, papers, invitations etc re publication of 'User Driven Innovation'; Marketing Plan. 1995-1998

File 2: Bakery Valuation Job papers inc reports on job and technical data Oct 1951- Jan 1952; correspondence and notes on valuation job.

If any reader knows of any other reference please let Frank Land know at f.land@lse.ac.uk

File 3: Fragile paper: correspondence and memoranda leading to LEO II, 1955.

File 4: Articles and talks on early computers; inaugural John Pinkerton lecture by Prof. Sir Maurice Wilkes, 2000; general articles on early systems; newspaper cutting 'Colossus is re-born' Financial Times, 1996; ENIAC and After by Caminer; booklet 'The Birth of the Baby' University of Manchester; article by John Hendry on LEO and correspondence with Caminer, 1986

File 5: Caminer's Lecture notes at Cambridge inc. summer school and other teaching, 1955-1968; article M

File 6: Visits to America. LEO booklet - summary of visits made by Caminer and Pinkerton, Mar 1958; **Mik** photocopy of notes of visit in 1947.

ARI/2/6 1092/6 David Caminer : Box 6

File 1: Book reviews and articles on LEO publications.

File 2: Memoranda, correspondence and technical papers re LEO; report re demonstration of LEO 1955; meeting at Corby 1971; copy of keynote speech by Sir Kenneth Corfield at Inst. of Chartered Accountants, Jul 1985; report on Royal Statistical Society meeting 1956;

File 3: Articles and papers: The application of electronic digital computers and calculators to accountancy, costing and managerial control - notes presented by Leo Computers Ltd, 1955; copy of The Manager with photograph of John Simmons on front cover and article 'LEO or Electronics in Tomorrow's Office', a recorded discussion including Pinkerton, Simmons, T.R Thompson and others; article 'LEO' by Pinkerton, 1954; copy of journal 'Data Processing' Nov/Dec 1964; copy of Lyons Office journal, Mar 1956 with photograph of T.R.Thompson; article by Thompson, 1954; offprint of article 'How LEO works', 1954; ICL System 4 Information Manual, n.d.; A few facts about LEO Service Bureaux; English Electric Leo Marconi System 4-70 booklet; 'Electronics in Local and Public Authority Accountancy' booklet; programme for First Conference of British Computer Society Ltd, Cambridge, Jun 1959; LEO III folder. \r\n

File 4: Correspondence and reviews for 'User Driven Innovation', 1996-1997

File 5: Letters and notes re LEO publications incl. interview with Caminer 1996

Mike Hally Transcripts of interviews

Transferred to CCCH April 2019 by Jude Brimmer HLF archivist

Computer	Name	Living?	Role	Location	Date	Transcript ?
LEO	Frank Land	Y	Engineer	London	2001	Y
	Kathleen Bush	?	Teashop manageress	Southend	2001	y
	Mary Coombs	?	Engineer	High Wycombe	2001	y
	David Caminer	N	Engineer	London	2001	y
	Peter Bird	N	Historian	London	4/6/1	y
	Ralph Land	Y	Engineer	London	7/6/1	Y
	Yvonne Dolezal	?	Punch card operator	?	7/6/1	Y
Rand-409 (USA)	Bill Wenning	?	Engineer	Rowayton, Conn	2001	?
	Erik Rambusch	?	Historian	Rowayton, Conn	2001	?
	Michael Norelli	?	Engineer	Rowayton, Conn	2001	?
	? Carmichael	?	Engineer	Rowayton, Conn	2001	?
	? Marin	?	Engineer	Rowayton, Conn	2001	?
	Les	?	Engineer	Rowayton,	2001	?

	Hinchcliffe part 1			Conn		
	Les Hinchcliffe part 2	?	Engineer	Rowayton, Conn	2001	?
	Cliff Beierle	?	Engineer	Rowayton, Conn	2001	?
ENIAC / Univac (USA)	Art Gehring	?	Engineer	Ft Washington	2001	Notes only
	Kathleen Mauchly-Antonelli	?	Engineer		2001	Notes only
	Jim McGarvey part 1	?	Computer operator	Philadelphia	2001	Notes only
	Jim McGarvey part 2	"	"	"	"	"
	'Betty' (Jean) Bartik	?	Engineer	New Jersey	2001	Notes only
	Max Kraus	?	Engineer	?	2001	?
	Nathan Ensmenger	?	Historian	Univ Pennsylvania	2001	?
MESM & other Ukrainian / Russian computers	Victor Ivanenko	?	Engineer & historian	Kyiv	13/7/01	Y (good English)
	Boris Malinovsky part 1	?	Engineer & historian	Kyiv	13/7/01	Y (Russian with English translator)
	Boris Malinovsky part 1	"	"	"	"	"
	Zonovy Rabinovich	?	Engineer & historian	Kyiv	13/7/01	Y (Russian with English translator)
	Ivan Parkhomenko		Engineer	Kyiv	17/7/01	Y (Russian with English translator)
	Rostislave Cherniak		Engineer	Kyiv	17/7/01	Y (Russian with English translator)
	Svetlana Cherniak		Daughter of above (recalling childhood)	Kyiv	17/7/01	Y (Russian with English translator)
Phillips (hydraulic economic computer)	Nicholas Barr	?	Economist	LSE London	6/6/01	Y
	Walter	N	Economist	Leeds	7/6/01	Y

	Newlyn					
	Dick Lipsey	?	Economist	? (could be London, or down line from Canada)	19/9/01	y
	Brian Henry	?	Economist	Cambridge	2001	y
Australian computers	Harry Messel	?	Engineer	Phone interview from Australia	6/8/04	Y
	Peter Thorne	?	Engineer	Phone interview from Australia	2004	?
All projects	Doron Swade	?	Curator of Computing Collection, Science Museum	London	2001	?

From Martin Booth

Dear all,



Today I received from Martin Booth (CC'ed) a LEO I short delay line.

I will bring it to the CCH tomorrow.

Donated by Jon, LEO 326 Operator at Post Office
Copies held by Frank Land

On Wednesday, 26 June 2019, 15:08, Jon <jonsabuzz@zoho.com> wrote:

Attached are some photos/PDF documents of some LEO memorabilia. I worked as an operator in the Post Office/British Telecom DPE Edinburgh computer centre and worked as an operator on the LEO 326 between the years 1976 - 1981

There are 2 sheets that was taken from some DPE (Post Office Data Processing Executive) training. It lists the development of the DPE over the years.

There are 3 sheets taken from the DPE magazine 'Database'. It has 3 photos and some text about the closure of the Derby computer centre and other related letters. I have duplicated the copies in PDF and JPEG.

There are 2 photos of a commemorative tie that we got when the Edinburgh computer centre closed down, I think we had to pay for them.

Martin wishes to loan it to the Society. He made clear that if (or when) it will not be needed he would like to have it back.

Please Martin correct me if I am wrong. Anyway, I leave you the bureaucracy. I am a humble courier.

Best wishes,
Elisabetta

PS. You might receive a duplicate of this message (different pic attached) which is stuck in my outbox.

If any reader knows of any other reference please let Frank Land know at f.land@lse.ac.uk

Delivered to CCH Jude Brimmer by Peter Byford 9.08.2019

1. Bletchley Park lectures - LEO the first Business Computer by Alan King 20th January 2005
- 2-4. 3 DVDs labelled London Home movies episode 4 - Granada TV LEO - this included interviews with David Caminer and Peter Byford effectively doing a commentary with the LEO (1958 film) and a short sequence of LEO III film introduced by Brian Eaton. Another DVD includes some video of Manchester computer (Baby?) , Colossus and John Page (LEO engineer) talking about LEO.
5. LEO III/1 (Hartree House - mid-sixties 2min 22 secs by Colin Browning
6. LEO people interviews by *Over the pond* film company on behalf of Google Nov 2011 - used for the Pioneers film. 2 dvds Original filming and edited version (by Peter B).

From Emil Gottwald

Re: "CLEO programme listing" - I'm not sure if this qualifies, or is of any interest, but I have a binder of course material and associated notes from a CLEO class I attended in April 1965 that was taught in Radley House by G.G. Hanmore, J.D. Wilkinson, D.C. Preece, R.T.A. Penney, and E.M. Hale.

The material includes CLEO programmes used in class exercises. Let me know if this might be of any use...