

Level	Reference	Description	Dates	Archival History	Scope & Content
Collection	2007.15	Collection of documents collected by Norman Clements relating to Ferranti valves and cathode-ray tubes, along with other products.	1944-1974	Norman Clements worked in the Computer Division at Ferranti developing computers. His work was in the area of construction and programming. He was employed by Ferranti to travel to the US to train staff. The collection was kept by Mr Clements after he left Ferranti as an employee.	Includes plans, brochures, technical manuals, test reports, correspondence, notebook, and other items.
Series	2007.15/1	Publications produced by or relating to Ferranti and its products.	1944-1973		Includes technical handbooks, promotional material, and test reports/data sheets.
Sub-series	2007.15/1/1	Ferranti Technical Handbooks.	1950-1964		Each handbook covers specific tubes and valves, across different timeframes.
Item	2007.15/1/1/1	Valves and cathode-ray tubes technical handbook.	1950-1962		The handbook contains data sheets for receiving valves.
Item	2007.15/1/1/2	Valves and cathode-ray tubes technical handbook.	1952-1963		The handbook contains data sheets for television tubes and industrial valves.
Item	2007.15/1/1/3	Valves and cathode-ray tubes technical handbook.	1955-1964		The handbook contains data sheets for receiving valves.
Item	2007.15/1/1/4	Valves and cathode-ray tubes technical handbook.	1957-1963		The handbook contains data sheets for cathode-ray tubes, microwave devices, and semi-conductor devices.
Item	2007.15/1/1/5	Semi-conductor devices technical handbook	1961-1964		The handbook contains data sheets for low-current transistors, power transistors, solid state circuits, and radiation detectors.
Sub-series	2007.15/1/2	Promotional material and price lists	1944-1973		
Item	2007.15/1/2/1	Leaflet containing a comparative table of Ferranti valve equivalents with conversion notes for Ferranti receivers.	1944		Leaflet covers modifications for using VHT4 or FC4 valves in Ferranti radio receivers.
Item	2007.15/1/2/2	Leaflet containing information on valve characteristics and base connections.	c.1945		
Item	2007.15/1/2/3	Leaflet on valves and cathode ray tubes.	c.1950		Includes information on the characteristics, operating data, and prices of valves, along with a key for base connections.
Item	2007.15/1/2/4	Booklet on industrial valves and cathode-ray tubes.	1955		Includes specifications for various diodes, valves, light sources, tubes, and rectifiers.
Item	2007.15/1/2/5	Booklet containing specifications and prices for valves and television tubes.	1956		
Item	2007.15/1/2/6	Leaflet for boats produced by Ferranti.	c.1960s-c.1970s		Includes specifications for 9 boats, along with information on other boat-related equipment manufactured by the company.
Item	2007.15/1/2/7	Booklet on semi-conductors.	1966		Includes tables and diagrams providing specifications on various silicon transistors, silicon diodes, and other equipment.
Item	2007.15/1/2/8	Booklet on the uncommitted logic array (ULA).	1973		Includes diagrams and information on the workings of the ULA.
Item	2007.15/1/2/9	Booklet containing lecture papers relating to the collector diffused isolation process, from Ferranti's Electronic Exhibition and Symposium.	n.d.		Includes the following papers: "C.D.I. And Competitive Technologies" by J. Bruchez, "C.D.I. Its Capability and Application" by D. Grundy, "U.L.A. The Standard Product L.S.I" by A. Williamson, and "Opto-Electronic Integrated Circuits" by C. Peirce.
Sub-series	2007.15/1/3	Service data sheets for Ferranti televisions and radios, issued with British Radio and Television Retailing Magazine, and later on Radio Retailing Magazine.	1952-1969		3 bundles

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Item	2007.15/1/3/1	A bundle of 8 test reports for various televisions and radios, issued with British Radio and Television.	1952-1955		Test reports for Model 505 AC/DC mains transportable radio; radio receiver table Models 005 and 105 along with the Radiogram model 405; Model 546 radio receiver; Models 14T2 and T1225 television receivers; Model 525 AC/DC transportable radio; Model 20T4D projection television receiver; Model TU1 13-channel television tuner; and 147 Series radio receivers.
Item	2007.15/1/3/2	A bundle of 3 service data sheets for various televisions and radios, issued with British Radio and Television Retailing.	1956-1958		Service data sheets for the 1325 and 1825 television receivers; 255, 355 and 455 AM-FM receivers; and U1003 AM-FM radio receiver.
Item	2007.15/1/3/3	A bundle of 21 service data sheets for various radios and televisions, issued with Radio Retailing and later Radio and Electrical Retailing.	1960-1969		Service data sheets for EKCO BPT33 and Ferranti PT1010 transistor portables; EKCO BPT351 and Ferranti PT1030 transistor portables; EKCO RT366 and Ferranti RT1044 tape recorders; EKCO T381 and TC383 and Ferranti T1058 television receivers; EKCO PT379 and Ferranti PT1065 portable radios; EKCO T398 and Ferranti T1075 television receivers; EKCO SRG395 and Ferranti SRG stereophonic radiograms; PT1104 transistor portable receiver; EKCO PT399 and Ferranti PT1076 portable radios; EKCO RP411 and Ferranti RP1088 portable record players; MBT1089 portable radio; EKCO RP430 and Ferranti RP1106 portable record players; EKCO SRG431 and Ferranti SRG1120 stereo radiograms; SRG1131 stereo radiogram; EKCO PT426/L and Ferranti PT1102 portable radios; EKCO A455 and Ferranti A1149 portable radios; A1143 table radio; EKCO RP453 and Ferranti RP1146 portable record players; EKCO PT454 and Ferranti 5502 portable radios; PYE 1371, EKCO PT305 and Ferranti 5503 portable radios; and PYE 1372, Ferranti 5501 and EKCO PT304 portable radios.
Series	2007.15/2	Circuit drawings for a power unit, stabilizer units, and a valve.	1952-1959		5 drawings.
Item	2007.15/2/1	Drawing No. SGB 80,152.	1952		Drawing for D.C. power unit, Design 6 Ref. 636.
Item	2007.15/2/2	Drawing No. SGB 80,153.	1952		Drawing for D.C. power unit, Design 7 Ref. 636.
Item	2007.15/2/3	Drawing No. B 17/71584.	1957		Drawing for D.C. Stabilizer and series control valve.
Item	2007.15/2/4	Drawing No. B 16/14671.	1958-1959		Drawing for 150v stabilizer unit.
Item	2007.15/2/5	Drawing No. T.G.I.	n.d.		Three copies of a circuit drawing for a pulse and level indicator. Accompanying these drawings is information on the application of the indicator, and mode of operation for pulse input.

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Series	2007.15/3	Miscellaneous items	1945-1974		Includes a letter, notes, a catalogue, an exercise book, and other items.
Item	2007.15/3/1	A letter from Ferranti's Radio Service Department to Norman Clements.	1945		The letter acknowledges receipt of Clements' own letter sent to the Department, and he is informed that before they can supply him with components and service data sheets, he must send proof that his premises are rated for business purposes.
Item	2007.15/3/2	A single sheet of paper containing handwritten notes on tests relating to a 250v. Stabiliser.	1953		Includes information relating to a load test, and a mains variation test.
Item	2007.15/3/3	A Duke & Co., mail order catalogue.	1956		Catalogue contains prices and specifications for valves, tubes and other electrical-related equipment.
Item	2007.15/3/4	A card containing a new phone number for Ferranti's departments at New Gem Mill, replacing an older number that is to be phased out.	1974		
Item	2007.15/3/5	Photocopy of a training handout given to attendees at a training session, which involved the showing of a film, "What is a Computer?"	n.d.		The handout attempts to explain what a computer is and the various processes associated with them.
Item	2007.15/3/6	An exercise book containing handwritten notes.	n.d.		Includes notes and diagrams on the breadboard assembly technique, the Schmitt trigger, the monostable multi-vibrator, and other topics.
Item	2007.15/3/7	Three "With the compliments of Ferranti" cards.	n.d.		