

<u>Accession No.</u>	<u>Series Description</u>	<u>Date of Item</u>	<u>Description</u>
199700500	Track Circuits.	No Date	"Rail Circuits Without Insulated Joints". Paper plus hand-drawn diagram. No Author.
199700501	Standard Signalling Principles	No Date	BRB Standard Signalling Principles No 25 App G "Typical Panel Layout". "Workton Park"
199700502	Standard Signalling Principles	No Date	BRB Standard Signalling Principles No. 25 App H "Typical Diagram for use with Operating Console". "Workton Park".
199700503	Accident Report	1961 ?	"Bishopsgate Depot. Fatal Accident to Capstanman F G Ayton 11 April 1961. Additional Safety Arrangements." Track Plan.
199700504	Accident Reports	15/8/57	"Bishopsgate Tunnel. Mishap to M MacAskill on 13th August 1957". Track Plan.
199700505	Accident Report.	1/4/64	Report on Accident to a Rivetter between Murrow West and French Drove, 26 March 1964. Track Plan.
199700506	Accident Report	No Date	"Pitsea Mishap at Pitsea Hall Level Crossing 30 July 1961" Based on Drg No.SE61 S228
199700507	Accident Report	3/8/61	"Fatality to W Pound at Pitsea on 30/7/61". Track Plan.
199700508	Accident Report	No Date	"Pitsea: Derailment of the 0727 Passenger Train Shoeburyness to Fenchurch Street on 9th March 1962". Shows position of derailed train.
199700509	Signal Box Drawing	19/10/1959	"Liverpool Edge Hill Power Signal Box Elevations (S & E)"
199700510	Signal Box Drawing	20/10/1959	"Liverpool Edge Hill Power Signal Box Elevations (N & W)"
199700511 A&B	1972 Rule Book	Meeting Date	Notes of a meeting of Signalling Sub-Committee to discuss principal differences between revised 1972 Rule Book and its predecessor.
199700512	Government Regulations	1974	"Requirements of the Secretary of State for the Environment for Open Public Level Crossings 1974"
199700513	Signalmen's Instructions (G E	24/10/1958	Signalmen's Instructions: Clapton Jcn (G E Line)
199700514	Signalmen's Instructions (G E	Not Known	Signalmen's Instructions: Clapton Jcn. "Working between Clapton Jcn and Hackney Downs Jcn and between Clapton Jcn and Chingford
199700515	Signalmen's Instructions (G E	22/3/1960	Supplementary Signalmen's Instructions for Clapton Jcn.
199700516	Signalmen's Instructions (G E	29/5/1960	Clapton: Ground Frame "A" Instructions.
199700517	Signalmen's Instructions (G E	1/10/1960	Instructions for Southend (Victoria) : No.2 Platform Ground Frame
199700518	Signalmen's Instructions (G E	16/11/1962	Instructions to Signalmen at Harwich.
199700519	Signalmen's Instructions (G E	12/1965	Signalmen's Instructions for Station Box, Harwich. Includes instructions for Alexandra Road Level Crossing Keeper.
199700520	Signalmen's Instructions (G E	19/9/1962	Instructions to signalmen at Pitsea.
199700521	Signalmen's Instructions (GE	27/3/1963	Instructions to Signalmen at South Tottenham Station Junction.
199700522	Signalmen's Instructions (LTS	9/3/1962	Instructions to Signalmen at Station Box, Stanford-le-Hope. Includes Goods Yard Ground Frame and Working of trains diverted via Tilbury
199700523	Signalmen's Instructions (G E	2/1965	Instructions to Signalmen at Station Box Dovercourt Bay.
199700524	Miscellaneous	23/1/67	"Witham: Proposed exemption from Rule 99 at Cherry Tree Crossing". Marked "Provisional Copy".
199700525	Miscellaneous Regulations	July 1954	Instructions re Conveyance of Stores, Equipment and Materials.
199700526	Miscellaneous (Codes &	December 1968	Naming, Lettering and Telegraph Coding of Freight Rolling Stock & Accessories. Also Identification Markings and Painted Colours of Freight
199700527	Miscellaneous Instructions	June 1960	Supplementary Instructions re Control and Distribution of Freight Rolling Stock etc.
199700528	Lecture Folder	Presented	"The Role of the Signal Engineer" by J F P Gilbert.
199700529	Lecture Folder	Presented	"The Principles and Techniques of Modern Railway Signalling" by C P Thompson, B.Tech. Synopsis only.
199700530	Lecture Folder	March 1968 or	Lecture given to Institute of Electric Electronic Technician Engineers, and to Ipswich Engineering Society. "Modern Railway Signalling".
199700531	Lecture Folder	No Date. Latest	"Cost of Building and Civil Engineering Structures related to cost in 1830 from John Hollyer-Hill's graph dated 18/2/48". Every year to 1967.
199700532	Miscellaneous	6/4/51	Operating Committee Minute No.366: "Control of Intermediate Siding Connections where Trains are shut in for other trains to pass".
199700533	Track Circuits, Relays etc	22/4/59	Chart showing Symbols used on OHL and SWG Layout Plans
199700534	Track Circuits, Relays OHL etc	No Date	Appendix A "Additional Conditions for Positioning Neutral Sections". Original Document and Origin not known.
199700535	Track Circuits, Relays etc.	No Date	Circuit Diagrams etc for (i) GRS Plug-In Type Thermal Relay, (ii) GRS Type B1 & B2 Relays (Pp.3), (iii) GRS Type "R" CTC Equipment
199700536	AWS	24/8/61	"Provisions concerning the Provision of AWS Track Equipment". Paper plus Appendix "AWS Controls" plus diagram possibly part of this
199700537	AWS	No Date	2 Drawings of Semaphore and Colour-light Signals titled "Caution" and "Clear", each headed "When a Train approaches a signal displaying

Reference No.	Description	Date	Description
199700538	Track Circuits etc.	No Date	Diagram "Approach Track Circuit Indications - Electro-Mechanical Signal Boxes".
199700539	Track Circuits etc.	3/11/67	Memo from Chief S&T Engineer, Euston re "T.C. Bonding Plans".
199700540	Electrical	11/2/71	Memo from Chief S&T Engineer re "Earthing and Bonding: Marking of Return Rail in A.C. Electrified Areas"
199700541	Track Circuits etc.	No Date	Notice re "Operation of Swinging Overlaps"
199700542	Track Circuits etc	No Date	"Typical Track Circuit Diagrams. Single Rail and Double Rail 83 1/3 c/s". (2 copies) Also Circuit Drawing "WB&SCo's 10v. Signal
199700543	Track Circuits etc.	No date	Circuit Drawing "Impulse Track Circuit: Arrangement of Connections".
199700544	Track & Signal Circuits.	No Date	"Typical Diagram for Signal Control Circuit"
199700545	Track & Signal Circuits	No Date	"Typical Signal Aspect Circuit".
199700546	Track & Signal Circuits	No Date	"Instructions for Approach Release Nomogram" Memo and Table.
199700547	Track Circuits etc.	No Date	Technical Paper "JES" Track Circuit (1)". Author and origin unknown.
199700548	Route Relay Systems	No Date	"Push Button Control of Route Relay Interlockings Patent No. 727,736".
199700549	Route Relay Systems	No Date	Description of relay sequences activated by push-button route setting. Also "Function of the NX Relay". No author or origin.
199700550	Permanent Way Specifications.	Oct 1951	Dimensions of Track, Turnouts and crossings with detailed measurements.
199700551	Signalling Circuits	No Date	Welwyn Block Control Circuit Drawing
199700552	Signalling Circuits	No Date	"Standard Interlocking Block. Welwyn Control (LMR Unit)".
199700553	Signalling etc. Circuits.	No Date	"Barrow Crossing Protection" Circuit Drawing.
199700554	Signalling Circuits.	No Date	"Catch Handle Contact Boxes"
199700555	Signalling etc. Circuits.	No Date	"Level Crossing Manned Lifting Barriers" Circuit Drawing and Description of Operating Sequence.
199700556	Signalling Circuits	No Date	"Catch Handle Contacts". Circuit Drawing
199700557	Signalling Apparatus	No Date	"Late Midland Railway Rotary Block - General Appearance of Pegging Instrument". Drawing and Explanation.
199700558	Miscellaneous	No Date	"Westinghouse Style 'D' E P Point Valve Diagrammatic Arrangement"
199700559	Signalling Circuits	No Date	An extensive Circuit Drawing without identification.
199700560	Relays and Circuits	No Date	"Internal Wiring of SGE DC Thermal Time Relay 4F/2B Type CK142 (12v) & CK 152 (24v)".
199700561	Relays and Circuits	No Date	"DC Thermal Time Relay. SGE Type BN 124 (10v) Adjustable 30 to 120 secs".
199700562	Relays & Circuits	No Date	"Relay Style PTT1. Typical JS Circuit (Westinghouse)".
199700563	Relays & Circuits	No Date.	"Short Section Working of Ground Signals".
199700564	Relays & Circuits.	No Date	"Banner Signal Controls".
199700565	Relays & Circuits	No Date.	"Isolated Colour Light Signals. Stop and Distant Combined showing Double Yellow. Arrangement for Cold Filament Proving".
199700566	Relays & Circuits.	No Date	"Typical Immunised Block Circuit for LMR Standard & LNW Blocks with Shelf mounted & Plug in Type Relays".
199700567	Relays & Circuits	No Date.	"Typical Immunised Block Circuit for Single Line".
199700568	Relays & Circuits.	No Date.	Typical Circuits for "Line Clear One Train", "Line Clear One Pull", and Standard Block Bell.
199700569	Relays & Circuits	16/6/67.	"Typical Indication Circuits - Filament Failed, Mech. Signal Light Proving, Power Supply 'Off' Earth Leakage Indications.
199700570	Relays & Circuits.	Hand written	"Ground Frame Release Circuit, with Semi Automatic Signal, using Comprehensive Approach Locking".
199700571	Relays & Circuits.	No Date.	"Euston - Watford Electric Line. Typical Connections for Type 'SA' Automatic Signals".
199700572	Relays & Circuits.	2/10/35	"Standard Interlocking Block Key Diagram".
199700573	Misc. Correspondence	9/5/62	Memo. re "Positioning of New Ground Signals".
199700574	Misc. Correspondence	18/9/57	Memo. re "Use of Tripole Lamp Holders on Junction Route Indicators".
199700575	Misc Correspondence	4/6/57	"Protection of Railway Signalling and Telegraph Circuits at Power Line Crossings".
199700576	Misc Correspondence.	NoDate	Memo re "LNER Southern Area Nottingham Victoria Roller Blind Type Route Indicator".
199700577	Typical Signalling Diagrams	No Date.	Nine Signalling Diagrams of Typical Simple Layouts with Interlocking Tables. Figs. 1 - 8, the ninth not numbered, but probably part of the

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199700578	Signalling Specifications	May 19/4	Headings for a Lecture on "Signalling Specifications"; particularly the General Signalling Specification.
199700579	Specifications	No Date	Nomogram for Service Braking Distance for Passenger and Mineral Trains.
199700580	Specifications	No Date	Table giving Sizes of Standard Signal Boxes.
199700581	Specifications.	No Date	Technical Drawing. "Structure Gauge showing Horizontal Clearances from Outside Edge of Running Rail at Given Heights above Rail
199700582	Specifications & Symbols.	No Date.	"Symbols used on OHL and SWG Layout Plans".
199700583 A & B	Specifications & Symbols.	No Date.	List of "Track Circuit Bonding Symbols".
199700584	Specifications	January 1957	List of Sub-divisions of Expenditure for Costing Purposes. Signal Engineer's Dept.
199700585	Specifications	Not Known.	Code Diagram Book for Point Layouts.
199700586	General Standardisation of	27/2/1931	ES No.1."Ministry of Transport Inspections. General Arrangements - Manipulation of Levers, and Testing of Frames, etc."
199700587	General Standardisation of	March, 1931	ES No 3."Installation & Maintenance of Fogging Machines, Detonator Placing Machines, Fogmen's Indicators and Fogmen's Huts, etc."
199700588	General Standardisation of	April 1931	ES No 5."Upper Quadrant Repeater Contact Boxes".
199700589	General Standardisation of	May 1931	ES No 6."Electric Train Tablet & Key Token Instruments Periodical Overhaul".
199700590	General Standardisation of	July 1931	ES No 12."Apparatus adjusted to Standard Voltage and Current Values when issued".
199700591	General Standardisation of		
199700592	General Standardisation of	January 1932	ES No 24."Rules & Regulations. Disarrangement of Interlocking or Disconnection of Signals, Points, etc".
199700593	General Standardisation of	April 1932	ES No 33."Standard Long Burning Signal Lamps - No. 12 Adlake".
199700594	General Standardisation of	June 1932.	ES No. 35."Leading in Aerial Wires to Signal Cabins, etc."
199700595	General Standardisation of	December 1932	ES No 42."Wooden Pole Arms".
199700596	General Standardisation of	December 1933	ES No 54."Electrified Lines using Running Rail Return TRack Bonding for Signalling".
199700597	General Standardisation of	December 1934	ES No 71(S)."Cable Work".
199700598	General Standardisation of	February 1936	ES No 73."Signalling in Foggy Weather - Rule 91 Clause (C)."
199700599	General Standardisation of	November 1937	ES No 111 (I) "Procedure in connection with the Renewal of Dwarf, Disc and Sliding Signals".
199700600	General Standardisation of	November 1937	ES No 105(S)."Standard Upper Quadrant Semaphore Signal - Arm Spindle and Bearing".
199700601	General Standardisation of	April 1938	ES No 115 (I)."Nomenclature of Signals".
199700602	General Standardisation of	July 1938	ES No 92(I)."Standard Practice re Commencement and Termination of Track Circuits".
199700603	General Standardisation of	July 1938	ES No 114(I)."Prevention of "Creep" of Switches in Single and Double Slip Roads".
199700604	General Standardisation of	September	ES No 17(I) Revised."Track Circuits, "Condenser Fed", Disconnection of Such Circuits".
199700605	General Standardisation of	March 1939	ES No 120(S)."Telegraph Construction - Arm Combiners".
199700606	General Standardisation of	April 1939	ES No 121(S)."Wiring of Apparatus. Battery Returns".
199700607	General Standardisation of	April 1939	ES No 90(I) Amended. "Electric Staff, Tablet and Key Token Instruments. Procedure for Transfer of Tokens, Records & Identification".
199700608	General Standardisation of	April 1939	ES No 123(I)."Provision of Light Repeaters for Dual Indicators working with Subsidiary Signals in Semaphore Areas".
199700609	General Standardisation of	May 1939	ES No 122(S)."Stoves for Signal Boxes - Provision of Soot & Ventilation Door".
199700610	General Standardisation of	August 1939	ES No 110(S) Amended. "Standard Semaphore Bracket Signals".
199700611	General Standardisation of	May 1940	ES No 83 (Revised) S."L.M.S. Standard Interlocking Block".
199700612	General Standardisation of	June 1940	ES No 71. 1st Addendum. "Cable Work".
199700613	General Standardisation of		
199700614	General Standardisation of	December 1941	ES No 126(S)."Tubular Steel Signal Posts - Sight Screens".
199700615	General Standardisation of	May 1945	ES No. 71(S)."Standard Outdoor TRunning".
199700616	General Standardisation of	February 1947	ES No. 142(I)."Symbols for Describing Repeating Arrangements for Semaphore Signals on Signalling Plans and Signal Sighting Forms".
199700617	General Standardisation of	13 November	ES No. 140(I)."Responsibility for the cleaning of Signal Glasses".

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199700618	General Standardisation of	June 1969	ES No 86(S) Revised. "Standard Electrical Indicators". Amendment Slip No. 1. Includes Pp to be amended.
199700619	General Standardisation of	September	ES No 88(s). "Electrically Controlled Ground FRames". Amendment No.2. Includes original ES and Amendment No 1.
199700620	General Standardisation of	September	ES No 138 I. "Track Circuited Lines Relaying. Flagman's Track SWitches". Amended Page 1 and original remainder.
199700621	General Standardisation of	January, 1951	ES No. 146(S). "Colouring of Interlocking Frames, Levers, Etc".
199700622	General Standardisation of	June 1951.	ES No. 148(I). "Locking of Facing Points on Passenger Lines".
199700623	General Standardisation of	February 1954.	ES No. 150(I). "Rubber Mats for Electrical Purposes."
199700624	General Standardisation of	July 1954.	ES No. 43(I) Revised. "Protection of Terminals in Electrical Apparatus against Corrosion".
199700625	General Standardisation of	October 1954.	ES No. 130(I). "Train Staffs and Electrical Tokens - Procedure relative to Withdrawal (Permanent or Temporary) and Reinstatement".
199700626	General Standardisation of	October 1954.	ES No. 149(I). "Electrical Measuring Instruments for the Line".
199700627	General Standardisation of	December	ES No. 151(I). "Multi-lens Colour Light Signals".
199700628	General Standardisation of	March 1955.	ES No. 27(I) Revised. "New Works or Alterations: Certificate of Test".
199700629	General Standardisation of	November	ES No. 153(S). "Signal Structure Smokescreens".
199700630	Standards	February 1937	Railway Signalling Symbols. Part 1 Schematic Symbols.
199700631	Standards.	January 1933.	Railway Signalling Symbols. Part 2.- Wiring Symbols and Written Circuits.
199700632	Miscellaneous	October 1950	Procedures & Instructions re Control & Distribution of Freight Rolling Stock, including Containers, Wagon Sheets & Ropes.
199700633	Miscellaneous.	March 1979.	"Portable Fire Extinguishers. Instructions in their Use."
199700634	Miscellaneous.	January 1974.	"Thames Tidal Flooding. Contingency Arrangements and Instructions for Emergency Working."
199700635	Track Maintenance.	No Date	Civil Engineering Handbook No. 5. Track Maintenance.
199700636	Standardisation of Signalling	3 March 1965	Paper giving the text of additional standardisation measures agreed by a Working Party in 1965
199700637	Standardisation of Signalling	1 August 1968	Revision of Principle No.11 "Emergency Replacement Switches for Automatic Signals". Includes text of other affected Principles.
199700638	Automatic Train Control.	24 September	"British Railways System of Automatic Train Control".
199700639	Permanent Way.	No Date	Untitled Set of Technical Drawings of Track Components and Layouts.
199700640	Specifications.	No Date	Provisional Spec. No. 950. "Design of Electronic Equipment. General Requirements to secure Reliability".
199700641	Specifications.	No Date	"Specification for Miniature Tractive Armature D.C. Neutral Relay, Plug-in Type, for Railway Signalling Purposes". App. A "Plugboard
199700642	Signalling Principles.	No Date	"B R Standard Signalling Principles S.P. 4(c)". Manuscript Paper - Author unknown.
199700643	Automatic Half-Barriers.	July 1966	Explanatory Notes and Requirements (July 1966) for Automatic Half-Barrier Protection at Level Crossings.
199700644	Automatic Half-Barriers.	1964 & 1965	Set of 22 Drawings re Automatic Half-Barrier Circuitry etc.