

# Signalling Record Society Photographic Catalogue

## Section 2 – Around The World

Entries in the catalogue are in alphabetical order by signal box name grouped by Country; Australia being sub-divided by State.

This catalogue is also available in six separate parts, the reference letter part of the catalogue number indicating in which the entry is also listed.

CB	Colin Betts	All UK	Part 4 B&W negatives
HT	John Howard-Turner	All UK	Part 6 B&W negatives
KB	Ken Booth	All UK	Part 3 Colour slides
SE	Ian Scrimgeour	England & Wales	Part 1 B&W negatives
SF	Ian Scrimgeour	Non UK	Part 5 B&W negatives
SS	Ian Scrimgeour	Scotland	Part 2 B&W negatives

Ireland is included in Section 2.

Parts 1, 2, 3, 4 and 6 are available in combined form in Section 1.

Views are marked "Int" if they are interior, and "Ext" if they are exterior.

The Collection itself is now in the care of the Kidderminster Railway Museum who can supply copies of any of the pictures listed. The Society no longer supplies copies of these photographs direct and all requests must be directed to the Museum. Ordering information is shown on the Photographs page of the SRS web site at <http://www.s-r-s.org.uk/photos.html>

### Countries Represented (in order):

Australia (sub divided into New South Wales, Queensland, Victoria & Western Australia, Austria, Canada, Denmark, France, Holland, India, Ireland (all), Italy, Japan, New Zealand, South Africa, Spain, Switzerland, Trinidad, USA,

#### AUSTRALIA – New South Wales

SF1 **Bathurst East** (photos taken 27/09/67)  
 Station yard working to West SB and single line auto' to Kelso  
 /1 Interior: frame and diagrams  
 /2 Exterior: station and East (?) SB from beyond Platform SB  
 /3 Ext: platforms and East (?) SB; opposite direction to /2  
 /4 Ext: East SB signals beyond platforms  
 /5 Ext: station, looking west (?)  
 /6 Ext: looking west from station; West SB (?)

SF2 **Bathurst** (04/67 - M Macdonald negatives, coupled with Kelso and Raglan)  
 /7 Ext: street scene; station in distance  
 /8 Ext: station from street approach  
 /9 Ext: steam hauled train and signals  
 /10 Ext: layout seen from overbridge  
 /11 Ext: SB in middle distance

SF3 **Blayney** (27/09/67)  
 Jn Bathurst & Orange for line to Cowra; interlocked by ctl frame and key transmitters  
 /1 Int: frame, shelf and diagram  
 /2 Int: RH end of frame showing key interlocking  
 /3 Ext: T5 outdoor frame  
 /4 Ext: jn trackwork  
 /5 Ext: general view of tracks  
 /6 Ext: group of points transmitter boxes (?)

SF4 **Broken Hill** (date unknown - J Westby negatives)  
 /1 Ext: ungated road crossing  
 /2 Ext: general area view  
 /3 Ext: flat crossing plus cabin  
 /4 Ext: distant view of station and signals  
 /5 Ext: flat crossing with signals  
 /6 Ext: flat crossing  
 /7 Ext: lofty view of tracks  
 /8 Ext: station view

- SF5 **Cammelia** (18/09/67)  
On electrified Carlingford line (TS&T); jn for factories line (ETS), also electrified, with rush hour trains; Tyer's block to Paramatta Road  
/1 Int: frame, Tyer's block and diagram  
/2 Int: similar to /1  
/3 Int: angled view of SB including Tyer's block  
/4 Ext: bracket signal at factory jn  
/5 Ext: factories branch station  
/6 Ext: gated crossing on factories branch  
/7 Ext: ungated crossing with train approaching
- SF6 **Hamilton Jn** (19/09/67)  
Works Newcastle end of triangle; auto signals on all lines except from Islington Jn, worked by Tyer's block  
/1 Int: frame, shelf and diagram  
/2 Ext: SB, tracks and signals
- SF7 **Merrylands** (28/09/67)  
On electrified suburban line between Liverpool and Granville; automatic working to Granville; NSW standard block to Guildford  
/1 Int: block instruments  
/2 Int: frame and block instruments  
/3 Ext: SB plus car on crossing
- SF8 **Kelso** (04/67 - M Macdonald negatives, coupled with Bathurst and Raglan)  
/1 Ext: station building, platform and track  
/2 Ext: McKenzie & Holland signal and crossing gates  
/3 Ext: station building with train in platform
- SF9 **Newcastle** (19/09/67)  
Westinghouse EP frame of 1936; automatic signals  
/1 Int: frame and diagram  
/2 Ext: SB on other side of tracks  
/3 Ext: looking past SB towards station
- SF10 **Orange East Fork** (27/09/67)  
Works triangle east of station; standard block to Spring Hill; miniature ETS to Orange and also Nashdale  
/1 Int: standard block instruments  
/2 Int: frame, block shelf and diagram
- SF11 **Raglan** (04/67 - M Macdonald negatives, coupled with Bathurst and Kelso)  
/1 Ext: station building, platform and track  
/2 Ext: ditto /1 from opposite direction  
/3 Ext: building, platform and track  
/4 Ext: person  
/5 Ext: approach lines and signal
- SF12 **Rockdale** (28/09/67)  
On Illawarra line; 4 tracks and terminal platform line; electro-mechanical plant; near points worked mechanically, signals and far points by power; levers numbered consecutively; pistol grip power levers  
/1 Int: mechanical + power frames; diagram of power points  
/2 Int: ditto /1  
/3 Int: diagram  
/4 Ext: SB  
/5 Ext: trackwork and bracket signals
- SF13 **Sydney Station East** (28/09/67)  
All electric suburban lines and terminal loop via Circular Quay; Westinghouse frame of 1916 modified with electrification; automatic signals on all lines  
/1 Int: miniature lever frame and diagrams  
/2 Int: ditto /1  
/3 Ext: signal gantry and SB  
/4 Ext: trackwork, tank engine and SB  
/5 Ext: overhead view of tracks  
/6 Ext: ditto /5 but opposite direction
- AUSTRALIA – Queensland**
- SF14 **Ascot** (24/09/67)  
On Pinkemba branch serving a racecourse; end of ETS working  
/1 Ext: looking to station  
/2 Ext: looking from station  
/3 Ext: station, platform and tracks
- SF15 **Brisbane Central** (24/09/67)  
/1 Ext: station platforms looking to Roma Street  
/2 Ext: SB
- SF16 **Grantham** (21/09/67)  
Tyer's blocks in station office; McKenzie & Holland frame in SB  
/1 Ext: view along platform towards Brisbane; SB on right
- SF17 **Helidon** (21(22?)/09/67)  
End of double track from Brisbane; Tyer's two-position block in office; ETS to Lockyer (S.S) and Murphy's Creek (L.S); 'A' frame beside office; 'B' frame at Toowoomba end of single platform  
/1 Ext: train at platform
- SF18 **Ipswich** (22/09/67)  
Tyer's three-position block both sides; curious layout with one through platform  
/1 Ext: looking down on platforms; train in station; signals  
/2 Int: frame and block instruments  
/3 Int: frame, instruments and diagram
- SF19 **Manly** (23/09/67)  
End of double line on Lota line; McKenzie & Holland frame and Tyer's three-position block from Wynum; terminal section worked by TS&T  
/1 Int: Tyer's instrument and frame  
/2 Ext: train at station platform  
/3 Ext: platform, station building and tracks
- SF20 **Mayne(?)** (24/09/67)  
Brisbane suburban (negatives mixed with those for Northgate)  
/1 Ext: SB at platform end  
/2 Ext: looking out from platform end; bracket signal with colour lights and semaphores
- SF21 **Murphy's Creek** (21/09/67)  
Crossing station on 'Ranges' section between Lockyer and Holmes; miniature ETS and McKenzie & Holland frame made at Brisbane  
/1 Int: frame and part diagram  
/2 Ext: station platform, buildings and tracks  
/3 Ext: bracket signal at station crossing loop

- SF22 **Northgate** (24/09/67)  
Brisbane suburban area; automatic signals on main line to Petrie; Tyer's block on Sandgate branch; McKenzie & Holland frame  
/1 Int: RH end of frame, instruments and part diagram  
/2 Int: frame and instruments  
/3 Int: LH end of frame, instruments and diagram  
/4 Ext: SB and platform ends  
/5 Ext: looking from platform at SB; train departing
- SF23 **Nyanda** (23/09/67)  
On Southport line between Yerongpilly and Clapham; standard gauge interstate line on right  
/1 Ext: looking south to SB with railcar departing
- SF24 **Rockhampton** (05/66 - M Hauber negatives)  
/1 Int: T14 McKenzie & Holland frame  
/2 Int: instruments  
/3 Ext: platform SB  
/4 Ext: station approach view  
/5 Ext: view of overall roof  
/6 Ext: looking along tracks to station building  
/7 Ext: converging lines outside station  
/8 Ext: general trackwork view  
/9 Ext: Track Jn
- SF25 **South Brisbane** (24/09/67)  
Interstate  
/1 Ext: general track view  
/2 Ext: general track view  
/3 Ext: station platform view with steam locomotive
- SF26 **Spring Bluff** (22/09/67)  
Crossing station in the Darling Downs at 1,531ft, between Holmes and Ballard  
/1 Ext: platform SB  
/2 Ext: looking along length of station platform  
/3 Ext: station approach tracks  
/4 Ext: station approach tracks, opposite direction from /3
- SF27 **Toowoomba** (22/09/67)  
Miniature staff for Brisbane and western lines in 'A' SB; T80 McKenzie & Holland frame works triangle; 'B' SB has frame in station and works Warwick end of yard, home controlled by 'A' SB  
/1 Int: 'A' SB frame  
/2 Int: 'A' SB diagram  
/3 Ext: station tracks and footbridge  
/4 Ext: platform ends and signals  
/5 Ext: ditto /4 but different angle  
/6 Ext: train waiting at gantry signals  
/7 Ext: 'A' SB(?)  
/8 Ext: 'A' SB(?), opposite direction to /7  
/9 Ext: distant view of 'A' SB and triangle apex  
/10 Ext: view from 'A' (?) SB; trains, sig gantry in background  
/11 Ext: view from 'A' (?) SB, opposite direction to /10
- SF28 **Yarongmulu** (date unknown)  
Only single line section between Helidon and Brisbane, through summit tunnel of Little Liverpool range  
/1 Ext: view from rear of railcar showing SB and signal man with ETS just handed over
- SF29 **Yerongpilly** (23/09/67)  
3ft 6in gauge line; McKenzie & Holland frame and Tyer's three-position block; ETS instruments for standard gauge  
/1 Int: frame and instrument shelf  
/2 Int: Tyer's blocks and ETS instruments  
/3 Int: similar view to /2
- AUSTRALIA – Victoria**
- SF30 **Ararat** (07/67 - T Little negatives)  
/1 Ext: West SB  
/2 Ext: tracks and signals  
/3 Ext: West SB  
/4 Ext: East SB; tracks looking west  
/5 Ext: lofty general view  
/6 Ext: signal gantry  
/7 Ext: East SB looking west
- SF31 **Ballarat 'A'** (02/10/67)  
1891 SB with 1910 frame  
/1 Ext: signal gantry and tracks  
/2 Ext: signal gantry, tracks and signals  
/3 Ext: ditto /2 from opposite direction
- SF32 **Ballarat 'B'** (02/10/67)  
1885 SB; ETS on single main line; double to 'C' SB; single line tram track crosses, not interlocked  
/1 Ext: SB, level crossing and signal gantry  
/2 Ext: looking through station with its overall roof  
/3 Ext: signal gantry, SB and level crossing  
/4 Ext: tram crossing lines; SB from road
- SF33 **Bendigo** (date unknown)  
/1 Ext: looking south from bridge  
/2 Ext: yards looking north to station; main line to right  
/3 Ext: looking south from bridge with station in view  
/4 Ext: similar to /3  
/5 Ext: looking north from bridge; bi-direc'l sig post foreground  
/6 Ext: track level view of platform  
/7 Ext: similar to /6  
/8 Ext: main Down platform with train in  
/9 Ext: looking north from station overbridge; main platform left  
/10 Ext: Bendigo yards looking north; main line to right of wagons  
/11 Ext: another view as /10  
/12 Ext: driver's view approaching station  
/13 Ext: station platform and tracks  
/14 Int: 'A' SB frame and instrument shelf
- SF34 **Brooklyn 'A'** (01/10/67)  
Key locked crossing place on goods line  
/1 Ext: bracket somersault signals plus buildings
- SF35 **Deer Park** (01/10/67)  
First crossing station on Ballarat line between Sunshine and Rockbank; switched out.  
/1 Ext: looking from station  
/2 Ext: crossing station, opposite direction from /1
- SF36 **Dudley St** (03/10/67)  
Controls goods lines; 174 levers in two frames installed in 1903  
/1 Int: part of frame; instrument shelves and diagram in distance  
/2 Ext: SB

- SF37 **Eaglehawk** (date unknown)  
/1 Ext: station looking south to Bendigo
- SF38 **Flinders St 'A' (Melbourne)** (01/10/67 & 03/10/67)  
Spencer St end of Flinders St station with jn of St Kilda and Port Melbourne lines; mechanical signalling from 1905 SB, 260 extended to 280 levers  
/1 Ext: SB from across tracks  
/2 Ext: SB, 3/4 view  
/3 Ext: signal gantry; SB in distance  
/4 Ext: looking along tracks to signal gantry; SB in distance  
/5 Ext: train passing under signal gantry  
/6 Int: looking along length of frame; block shelf; signal man  
/7 Int: wide view of frames either side; instruments; desk  
/8 Int: similar to /7  
/9 Int: looking along length of frame; block shelf  
/10 Int: similar to /9
- SF39 **Flinders St 'B' and 'C' (Melbourne)** (date unknown)  
Two large mechanical SBs controlling east end of station  
/11 Ext: east end of 'B' SB from No 10 east platform  
/12 Ext: 'C' SB (?) from Princes bridge  
/13 Ext: 'B' SB (?) from east  
/14 Ext: view from Princes bridge
- SF40 **Geelong 'A'** (30/09/67)  
Melbourne end of Geelong station; T104 McKenzie & Holland frame with station yard working  
/1 Int: frame; diagram in distance  
/2 Int: frame, opposite direction to /1  
/3 Ext: SB and signal gantry  
/4 Ext: SB and tracks from gantry  
/5 Ext: signal gantry  
/6 Int: copy diagram of area
- SF41 **Glen Huntly** (01/10/67)  
On Frankton electrified line; automatic block to Caulfield and Winter's block to Ormond; tram level crossing with tram disc signals; overhead wires electrified for either trams or trains by position of gate lever in frame; derailleurs on tram lines  
/1 Ext: looking to level crossing from platform  
/2 Ext: level crossing from road  
/3 Ext: down train approaching crossing  
/4 Int: block shelf, frame and gate wheel  
/5 Int: block indicator
- SF42 **Horsham** (date unknown)  
/1 Copy diagram (reference 2/35)
- SF43 **Nyhill** (date unknown)  
/1 Ext: view within station limits  
/2 Ext: view within station limits  
/3 Ext: view within station limits  
/4 Ext: bracket signals  
/5 Ext: station view  
/6 Ext: station view  
/7 Ext: station view  
/8 Ext: trackwork  
/9 Ext: trackwork  
/10 Ext: looking from station end; signals  
/11 Ext: station tracks
- SF44 **Royal Park** (01/10/67)  
On Coburg suburban line from N Melbourne; jn for former loop to Clifton Hill, now goods only; SB is station annex; McKenzie & Holland frame with gates; Winter's block  
/1 Ext: SB, crossing gates from platform  
/2 Ext: looking in opposite direction to /1; bracket signal  
/3 Ext: similar to /2  
/4 Ext: tracks and distant buildings  
/5 Ext: signal gantry at crossovers  
/6 Int: frame, gate wheel and blocks
- SF45 **Spencer St No 1 (Melbourne)** (03/10/67)  
1887 SB remodelled 1963; T192 frame of 1915 works terminal platforms of Spencer St station with standard gauge lines also  
/1 Int: looking to RH end of frame; diagrams; instrument shelves  
/2 Int: similar to /1  
/3 Ext: looking to suburban platforms  
/4 Ext: SB from station end  
/5 Ext: passenger yard area; auxiliary SB
- SF46 **Spencer St South End (Melbourne)** (30/09/67 & 03/10/67)  
Oldest frame in Victoria; T43 McKenzie & Holland frame of 1885 extended to T61 in 1910; controls terminal platform working crossovers only  
Ext: SB looking to station end  
/1 Int: frame and diagram  
/2 Int: similar to 2/  
/3
- SF47 **Sunshine** (01/10/67)  
Jn between Ballarat and Albury lines; single line commencement on Ballarat line; standard gauge on right  
/1 Ext: SB and jn lines  
/2 Ext: SB
- SF48 **Viaduct Jn** (03/10/67)  
McKenzie & Holland EP frame c1925 controlling Flinders St end of Spencer St station (Melbourne) and passenger/goods lines jn  
/1 Int: frame and diagram  
/2 Ext: looking along platform to SB; Spencer St suburban lines
- AUSTRALIA – Western Australia**
- SF49 **Cannington** (19/01/69)  
Winter block to Welshpool and Maddington  
/1 Ext: Up end looking to Perth  
/2 Int: block instrument  
/3 Ext: Down end looking to Armadale, with train

SF50 **Coolgardie** (date unknown)  
 Sundry views  
 /1 Ext: flat crossing  
 /2 Ext: train passing somersault signal  
 /3 Ext: goods train  
 /4 Ext: goods train  
 /5 Ext: station nameboard  
 /6 Ext: outside frame  
 /7 Diagram  
 /8 Diagram  
 /9 Ext: double arm signal  
 /10 Ext: point lever and disc  
 /11 Ext: point rodding  
 /12 Ext: general view of tracks  
 /13 Ext: general view of tracks  
 /14 Ext: general view of tracks  
 /15 Ext: crane  
 /16 Ext: station building  
 /17 Ext: overhead view of points  
 /18 Ext: general layout

SF51 **Cunderdin** (02/68 - I Halbert negatives)  
 Sundry views  
 /1 Ext: aerial view  
 /2 Ext: aerial view  
 /3 Ext: aerial view  
 /4 Ext: aerial view  
 /5 Ext: aerial view  
 /6 Ext: aerial view  
 /7 Ext: aerial view  
 /8 Ext: aerial view  
 /9 Ext: outside lever frame  
 /10 Diagram  
 /11 Ext: outside lever frame  
 /12 Ext: platforms, track  
 /13 Ext: platforms, track  
 /14 Ext: pointwork  
 /15 Ext: trackwork  
 /16 Ext: pointwork and ground disc  
 /17 Ext: signal post

SF52 **Gosnells** (date unknown)  
 Winter's blocks for Maddington and Kelmscott  
 /1 Int: block shelf and diagram  
 /2 Ext: looking to Perth; Annett's locked connection to goods siding without disc rodded to catch blade  
 /3 Ext: Down starter in 'off' position

SF53 **Kalgoorlie** (date unknown)  
 Sundry views  
 /1 Ext: double arm signal post  
 /2 Ext: general view of layout  
 /3 Ext: pointwork  
 /4 Ext: crossing of tracks  
 /5 Ext: rodding and cranks  
 /6 Ext: SB  
 /7 Ext: view towards station  
 /8 Ext: island platform  
 /9 Ext: outside lever frame  
 /10 Ext: outside lever frame  
 /11 Ext: island platform  
 /12 Ext: close-up of signal lamp and spectacle  
 /13 Ext: general layout  
 /14 Ext: station layout  
 /15 Ext: general layout

SF54 **Kelmscott** (date unknown)  
 /1 Ext: close-up of siding disc and rodding  
 /2 Ext: Down end looking to Armadale  
 /3 Ext: looking to Perth; Annett's locked connection from goods siding and signal  
 /4 Ext: close-up of lead to siding

SF55 **Maddington** (date unknown - coupled to Gosnells negatives)  
 /1 Ext: Up end looking to Armadale; points to quarry siding

SF56 **Midland (and Belle View Jn)** (18/01/69)  
 /1 Ext: steam-hauled train at Belle View Jn  
 /2 Int: Winter's three-position block to Belle View in 'B' SB  
 /3 Int: similar to /2

SF56A **Welshpool** (18/01/69)  
 /1 Int: Winter's block for section to Cannington and illuminated diagram for auto signals to Riverdale  
 /2 Int: Winter's block (same instrument) and top of levers  
 /3 Ext: layout, view from SB, Down end of yard looking towards Armadale

## AUSTRIA

SF57 **Innsbruck Westbahn Hof** (date unknown)  
 /1 Int: old station block instrument in SB No 1  
 /2 Int: turnover frame and station blocks in SB No 1  
 /3 Ext: station and tracks from SB No 1  
 /4 Ext: SB No 1 looking opposite direction to /3  
 /5 Int: turnover frame and instruments  
 /6 Int: turnover frame and instruments  
 /7 Int: similar to /6  
 /8 Int: station blocks controlled by Director  
 /9 Ext: station view of platform, tracks, electric locomotive  
 /10 Ext: platform end view  
 /11 Ext: station view with rolling stock  
 /12 Ext: station area, rolling stock  
 /13 Ext: looking to station with Arlberg line on left; Brenner to right  
 /14 Ext: SB in 'vee' of line  
 /15 Int: Rank frame by Siemens-Halske controlled by Director  
 /16 Int: Rank table frame in Director's office

SF58 **Kitzbuhel** (date unknown)  
 /1 Int: Old Austrian control machine, Rank apparatus; at Post Director's  
 /2 Int: Old Austrian control machine, Rank apparatus; at Post Director's  
 /3 Int: Old Austrian control machine, Rank apparatus; at Post Director's  
 /4 Int: Old Austrian control machine, Rank apparatus; at Post Director's  
 /5 Int: Old Austrian control machine, Rank apparatus; at Post Director's  
 /6 Ext: SB No 1 looking to station; train  
 /7 Int: turnover frame and blocks (station + Siemens) in SB No 2  
 /8 Int: turnover frame in SB No 1  
 /9 Ext: SB No 2 from station  
 /10 Ext: distant signals (SB No 2)  
 /11 Ext: station from Innsbruck direction  
 /12 Ext: SB No 2 looking to station

SF59 **Vols** (date unknown)  
 /1 Int: Station Master's control and diagram  
 /2 Int: similar to /1  
 /3 Ext: looking along tracks to SB No 1  
 /4 Int: turnover frame and instruments in SB No 1  
 /5 Ext: loop turnout with station in distance (SB No 2)  
 /6 Ext: general view; train (SB No 2)  
 /7 Ext: signal post (SB No 2)  
 /8 Int: turnover frame and instruments (SB No 2)

SF56A **Welshpool**  
 1 Int Winter's block for section to Cannington and illuminated diagram for auto signals to Riverdale  
 2 Int -Winter's block (same instruments) and top of levers  
 3 Ext Layout, view from box, down end of yard looking towards Armadale

SF60 **Worgl** (date unknown)  
 /1 Ext: station and multi tracks  
 /2 Int: view along frame, instruments + part diagram (SB No 2)  
 /3 Int: turnover frame, diagram, instruments (SB No 2)  
 /4 Ext: signals foreground and station from SB No 2  
 /5 Ext: view towards Innsbruck from SB No 2  
 /6 Ext: colour light post, SB No 2 in distance  
 /7 Int: central control, frame and part diagram  
 /8 Int: central control, frame and other part of diagram

## CANADA

SF60A **Manitoba Jn** (08/06/58) Northern Pacific  
 /1 Int: 'Saxby' frame (23 levers, but only part in this view)  
 /2 Ext: view along platform of ML with 'SB' (in station bldg); signals  
 /3 Ext: view along branch platform with train off branch, signals

SF61 **Montreal Yard** (date unknown)  
 /1 Int: Fed. frame (copy neg. coupled to Lens, France neg.)

SF62 **Morris** 7/1959  
 /1 Ext: SB at flat crossing

SF63 **Oban** 5/1958  
 /1 Ext: signal 'lock up' tower at flat crossing  
 /2 Ext: looking to flat crossing; 2-arm signal post in foreground  
 /3 Ext: CNR train crossing CPR line with tower in view  
 /4 Ext: distant signal in 'off' position

SF64 **Tecumpsah St** 10/1959  
 /1 Ext: signal tower  
 /2 Int: GRS frame (1912)  
 /3 Int: ETS instrument to Front St.

SF64B **West Toronto** 10/1959  
 SB built 1909, rebuilt 1928 and 6 levers added  
 /1 Int: frame (?S&F Duplex), diagram, instruments  
 /2 Ext: layout showing flat crossing and SB from distance

## DENMARK

SF65 **Aalborg** (date unknown)  
 /1 Int: turnover frame and station blocks in No 3 SB  
 /2 Ext: No 3 SB; station; and three-arm signal post  
 /3 Ext: station; No 3 SB; trackwork (opp. direction to /2)  
 /4 Ext: view of station from SB No 3

SF66 **Aarhus** (date unknown)  
 /1 Int: No 1 SB; power frame; instruments and diagram  
 /2 Int: No 1 SB; Siemens blocks  
 /3 Ext: No 1 SB; looking to station from SB; gds yard on L  
 /4 Ext: No 1 SB; south L; north R; private railway o/bridge  
 /5 Int: No 5 SB; min. lever frame; diag.; desk; s/man; clock  
 /6 Int: No 5 SB; frame; diagram; desk  
 /7 Int: No 5 SB; close-up part frame and part diagram  
 /8 Ext: No 5 SB; looking to east from SB  
 /9 Ext: No 5 SB; station platforms looking to overbridge  
 /10 Ext: No 6 SB; station from SB  
 /11 Int: No 6 SB; power frame and diagram  
 /12 Int: No 6 SB; frame and diagram (opp. to /11)  
 /13 Int: Yard SB; panel and diagram  
 /14 Int: Yard SB; yardmaster's control frames

SF67 **Baagvert** (date unknown)  
 /1 Int: panel and instruments  
 /2 Int: similar to /1  
 /3 Int: panel  
 /4 Ext: looking to station from just beyond loop points  
 /5 Ext: points lock

SF68 **Copenhagen** (date unknown)  
 /1 Int: electro frame in No 3 SB (Director)  
 /2 Int: similar to /1  
 /3 Int: section of frame; transmitter/receiver instruments  
 /4 Ext: No 2 and No 7 SBs from No 3 SB  
 /5 Ext: set of four signals and overbridge  
 /6 Ext: general view possibly from overbridge  
 /7 Int: old power frame (1907)  
 /8 Int: similar to /7

SF69 **Hellerup (Copenhagen)** (date unknown)  
 /1 Int: frame; insts; diag; clock; s/man at desk  
 /2 Int: similar to /1 but opposite direction

SF70 **Norresundby** (date unknown)  
 /1 Int: station master's control  
 /2 Int: similar to /1  
 /3 Int: turnover frame in No 1 SB  
 /4 Int: similar to /3 but opposite direction  
 /5 Int: bridge gear in bridge SB  
 /6 Ext: barrier crossing; signals from SB  
 /7 Ext: barrier crossing and No 1 SB  
 /8 Ext: bridge and jn signals  
 /9 Ext: similar to /8  
 /10 Int; bridge SB frame and controls

SF71 **Nyborg** (date unknown)  
 /1 Int: turnover frame (possibly Brans....) and station block  
 /2 Ext: station from bridge  
 /3 Ext: SB seen from bridge

- SF72 **Maalov** (date unknown)  
 /1 Int: old Siemens turnover frame  
 /2 Int: similar to /1  
 /3 Int: crossing lock device  
 /4 Ext: station and tracks  
 /5 Ext: SB and diesel train
- FRANCE**
- SF73 **Angers** (Etat; Bif. Maitre d'Ecole) 7/1961  
 Main line Regnault block, branch by block Latigue with operating handles in SB  
 /1 Int: block instruments  
 /2 Int: block instruments  
 /3 Int: close-up of Regnault block  
 /4 Int: Block Regnault and bell  
 /5 Ext: lever frame  
 /6 Ext: SB and track network
- SF74 **Arvant** 8/1964  
 /1 Int: Saxby frame  
 /2 Int: Jousellin bell (describer)  
 /3 Int: single line block
- SF75 **Brioude** (PLM) 8/1964  
 /1 Int: frame and instrs (Block PLM and single line block)  
 /2 Int: similar to /1  
 /3 Int: auto 'announcer'
- SF76 **Crohenburg** (date unknown)  
 Director's SB  
 /1 Int: turnover frame  
 /2 Int: turnover frame plus instruments  
 /3 Ext: SB at level crossing  
 SB No 2 (Alsace Lorraine) 1952  
 /4 Int: turnover frame  
 /5 Int: frame and blocks  
 /6 Int: block instruments  
 /7 Ext: SB and tracks  
 /8 Ext: distant signal
- SF77 **Dol** (Etat) 8/1965  
 View towards jn for St Malo (single) and Foligny (double)  
 /1 Ext: SB No 2 and overbridge  
 /2 Ext: as /1 but further back; carr. sidings in foreground
- SF78 **Foligny** (Etat) 8/1965  
 View towards jn of lines to Paris and Dol, double track with telephone block; SB No 2 controls station SB No3 jn of lines to Granville and Cherbourg.  
 /1 Ext: ground level SB; 2-arm post for jn in foreground  
 /2 Ext: No 1 SB, jn and jn signals  
 /3 Int: frame and diagram in No2 SB  
 /4 Ext: SB No 2 looking to station  
 /5 Ext: steam train passing No2 SB  
 /6 Ext: view from station to No 2 SB  
 /7 Ext: SB No 3
- SF79 **Gare d'Orval** (Etat) 8/1965  
 Single line with telephone block  
 /1 Ext: outdoor frame  
 /2 Ext: station buildings with outdoor frame  
 /3 Ext: station semaphore signals
- SF80 **Hausbergen** (Alsace Lorraine) 8/1965  
 Siemen's block, both station and section  
 Director North SB  
 /1 Int: turnover frame  
 /2 Int: block instruments  
 /3 Int: similar to /2  
 /4 Int: close-up of instruments  
 /5 Ext: SB and yard jns  
 Middle SB (date unknown)  
 /6 Int: turnover frame and blocks
- SF81 **Hausbergen South** (date unknown)  
 /1 Int: SB No 10 frame  
 /2 Int: frame in SB No10  
 /3 Ext: view of SBs Nos 9 and 10 from south  
 /4 Ext: SBs in large freight yard
- SF82 **Hesdigneul** (Nord) 1961  
 SBs 1 and 2 but unsure as to which is which  
 /1 Int: frame and diagram  
 /2 Int: frame and diagram  
 /3 Int: frame and part diagram (opposite direction to /1)  
 /4 Int: frame and diagram in 'other' SB  
 /5 Int: Block Lartigue  
 /6 Int: Block Lartigue  
 /7 Ext: platform and SB  
 /8 Ext: station building with SB in distance  
 /9 Ext: station and SB from opposite direction to /8  
 /10 Ext: similar to /9  
 /11 Ext: signal, platform end and crossing  
 /12 Palette semaphore (distant signal)
- SF83 **Issoire** (PLM) 8/1964  
 /1 Int: lever frame and block instruments  
 /2 Int: similar to /1  
 /3 Int: Block PLM and instruments  
 /4 Int: Jousillin bell
- SF84 **La Pointe** (near Angers) (PO) 1961  
 /1 Ext: Block Lartigue on station platform; outside frame  
 /2 Ext: similar to /1; semaphores at danger  
 /3 Ext: similar to /2  
 /4 Ext: outside frame  
 /5 Ext: close-up of Block Lartigue. outside frame  
 /6 Ext: similar to /1
- SF85 **La Poissoniere** (Etat) (date unknown)  
 /1 Ext: looking from platform  
 /2 Ext: looking from platform in opposite direction to /1  
 /3 Int: Regnault block
- SF86 **Lens** (date unknown)  
 /1 Copy neg of Mors frame (coupled to Montreal neg)

- SF87 **Montargis** (PLM) 1961  
 /1 Int: Jousellin bell in SB No 3  
 /2 Int: similar to /1  
 /3 Int: similar to /1  
 /4 Int: Vignoles frame in SB No 3  
 /5 Int: similar to /4 plus instruments  
 /6 Int: PLM block 3  
 /7 Ext: semaphore and red disc at 'off'  
 /8 Ext: similar to /7 but disc 'on'  
 /9 Ext: SB No 2?  
 /10 Ext: carre signals  
 /11 Ext: dist. sig. and carre, sig. SB in distance  
 /12 Ext: lofty view along multi-tracks  
 /13 Ext: lofty view of double and single tracks, barrow xing  
 /14 Ext: lofty view to sig SB in distance at jn
- SF88 **Parent** (PLM) 8/1964  
 /1 Ext: station signal  
 /2 Ext: station building and tracks from platform  
 /3 Ext: outside frame  
 /4 Int: PLM block 3  
 /5 Int: Jousellin bells  
 /6 Int: Jousellin bells
- SF89 **Pontorson** (Etat) 8/1965  
 Double line between Doi and Avranches; signals worked by frame in station office; points hand worked; tel. block  
 /1 Int: station frame  
 /2 Int: similar to /1
- SF90 **Randam** (PLM) 8/1964  
 /1 Int: frame and station block instruments (new)  
 /2 Int: similar to /1
- SF91A **Reding** (Alsace Lorraine)  
 Director SB 1952  
 /1 Int: miniature lever frame  
 /2 Int: similar to /1 but from opposite direction  
 /3 Int: block instruments  
 /4 Int: RH end of frame  
 /5 Int: diagram  
 /6 Ext: station tracks looking to overbridge  
 /7 Ext: station and SB looking to overbridge  
 /8 Ext: view from sign SB of station plat; opp to /7
- SF91B South SB  
 /1 Int: miniature lever frame  
 /2 Ext: SB and trackwork  
 /3 Ext: view from SB looking north
- SF92 **St Die** (SNCF) (date unknown)  
 /1 Int: section of frame; diagram in background  
 /2 Int: turnover lever frame section  
 /3 Int: composite frame (turnover, plus small levers)  
 /4 Int: similar to /3  
 /5 Ext: SB and tracks  
 /6 Ext: station tracks and rolling stock  
 /7 Ext: carre sidings  
 /8 Ext: distant signal
- SF93 **St Flour** (Midi) 8/1964  
 /1 Int: Saxby frame  
 /2 Int: Saxby frame  
 /3 Ext: SB at south end and station beyond  
 /4 Ext: view from station; carre siding; SB beyond
- SF94 **St Laurent de la Pree** (Etat) 8/1967  
 /1 Int: Sarroste and Loppe block instrument  
 /2 Int: block instruments  
 /3 Ext: outside frame
- SF95 **St Savinien** (Etat) 8/1967  
 /1 Ext: T4 outside frame  
 /2 Ext: station buildings; platforms with outside frame  
 /3 Ext: looking to Saintes with semaphore 'off'
- SF96 **Strasbourg** (Alsace Lorraine)  
 SF96A North SB Director 1952  
 /1 Int: turnover frame  
 /2 Int: block instruments  
 /3 Int: block instruments  
 /4 Int: block instruments  
 /5 Ext: SB looking away from station  
 /6 Ext: station from approach lines; semaphores
- SF96B South SB Director (date unknown)  
 /1 Int: frame and diagram  
 /2 Int: frame  
 /3 Int: describer  
 /4 Ext: station from SB  
 /5 Ext: looking south ? from SB  
 /6 Ext: SB from platform end
- SF97 **Vendenheim** (Alsace Lorraine) 1952  
 /1 Int: large turnover frame  
 /2 Int: block instruments  
 /3 Ext: SB and semaphores  
 /4 Ext: station from SB  
 /5 Ext: view south; semaphores  
 /6 Ext: similar to /5
- SF98 **Volvic** (PO) 8/1964  
 /1 Ext: station  
 /2 Int: Block Lartigue and lever frame  
 /3 Int: Block Lartigue and lever frame
- SF99 **V. de Farsbil** 8/1964  
 /1 Ext: bridge spanning river
- SF100 **Wimereux** (Nord) 1961  
 Unaltered Block Lartigue  
 /1 Ext: semaphore post; Block Lartigue and levers  
 /2 Ext: close-up of Block Lartigue  
 /3 Ext: outside levers; 2 only  
 /4 Ext: similar to /3 but levers pulled over
- HOLLAND**
- SF101 **Amersfoot** (date unknown)  
 /1 Int: electro frame  
 /2 Int: electro frame; instruments  
 /3 Int: electro frame  
 /4 Ext: SB  
 /5 Ext: multi tracks  
 /6 Ext: multi tracks  
 /7 Ext: multi tracks  
 /8 Ext: view from platform to sig SB; steam loco

- SF102 **Amsterdam** (date unknown)  
 /1 Int: electro frame; diag above (No 1 SB?)  
 /2 Ext: signal gantry; SB side of tracks  
 /3 Ext: signal gantry; SB across tracks; station in rear  
 /4 Int: electro frame; s/man and diag. (No 1 SB?)  
 /5 Int: electro frame (No 1 SB?)  
 /6 Ext: view from sig SB to station; steam loco  
 /7 Ext: opposite view to /6  
 /8 Ext: similar to /7
- SF103 **Amsterdam Rietlanden** (date unknown)  
 SB No 1  
 /1 Int: turnover frame and instruments  
 /2 Int: frame  
 /3 Int: frame; instruments and diagram  
 /4 Ext: view from SB; yard to left  
 /5 Ext: SB at gated crossing  
 SB No 2  
 /6 Int: non-interlocked frame; diag.; s/man  
 /7 Ext: view from SB  
 /8 Ext: SB and train  
 SB No 3  
 /9 Int: turnover frame  
 /10 Int: frame and instruments  
 /11 Ext: SB between yard and goods line
- SF104 **Bussum** (date unknown)  
 Director SB on Platform  
 /1 Int: Hollansche Spoor interlocking; push-pull handles  
 /2 Int: similar to /1  
 SB No 4  
 /3 Int: frame and diagram  
 /4 Int: frame  
 /5 Ext: SB and tracks  
 /6 Ext: signal gantry at station  
 /7 Ext: view from SB to station
- SF105 **Heerhugodam (near Amsterdam)** (date unknown)  
 /1 Int: electro frame and instruments  
 /2 Int: similar to /1  
 /3 Ext: looking from platforms to LC and semaphores  
 /4 Ext: opposite direction to /3 (?); SB to left (?)
- SF106 **Obdam** (date unknown)  
 /1 Ext: platform frame  
 /2 Ext: as /1 but from different angle  
 /3 Ext: station building; platform and trackj
- SF107 **Utrecht** (date unknown)  
 SB 'A'  
 /1 Int: electro mechanical frame (turnover levers)  
 /2 Int: similar to /1 but opposite direction  
 /3 Int: frame; electro section  
 /4 Ext: view from station showing SB  
 /5 Ext: as /4 but different angle  
 SB 'C'  
 /6 Int: turnover frame  
 /7 Int: frame and diagram  
 /8 Ext: SB from platform end
- SF108 **Watergraafsmere** (date unknown)  
 /1 Int: control panel  
 /2 Int: Siemens control frame  
 /3 Ext: view from yard  
 /4 Ext: distant signals  
 /5 Ext: signals  
 /6 Ext: signals
- SF109 **Westerbork** (date unknown)  
 /1 Int: Siemens block for steam lines  
 /2 Int: 4 row Siemens frame  
 /3 Ext: station from sig SB; semaphore post foreground  
 /4 Ext: SB with o/bridge behind  
 /5 Ext: view from platform; SB in distance
- INDIA**
- SF110 **Anderi** (BBCI) 9/1946  
 End of auto signalling on 4-track line from Bombay; north of here form of Sykes L&B in use; unusual instruments  
 SB 'B'  
 /1 Int: frame; diagram; block shelf  
 /2 Int: similar to /1; opposite direction  
 /3 Int: block instruments and bell  
 /4 Ext: train passing SB  
 /5 Ext: view from SB; level crossing; tracks  
 /6 Ext: opposite direction view to /5
- SF111 **Bandra (Bombay)** (BBCI) 9/1946  
 Large power SB (c1935?) on main lines out of Bombay  
 /1 Int: miniature lever frame; large diagram  
 /2 Int: opposite direction to /1; desk and clock  
 /3 Int: section of diagram  
 /4 Ext: SB  
 /5 Ext: view of tracks
- SF112 **Basin Bridge Jn 'A'** (MSM) 1945  
 Important jn and first block post from Madras Central; jn for lines to Bombay and Calcutta; all three lines double track with Sykes L&B  
 /1 Int: lever frame and block shelf  
 /2 Int: block shelf  
 /3 Ext: SB and tracks
- SF113 **Bombay Central Terminus** (BBCI) 9/1946  
 Power SB (c1935?)  
 /1 Int: miniature lever frame; diagram; desk  
 /2 Int: opposite direction to /1  
 /3 Int: section of diagram  
 /4 Int: 'other' section of diagram  
 /5 Ext: SB; steam locomotive beyond  
 /6 Ext: looking to station from SB  
 /7 Ext: opposite direction to /6 from SB
- SF114 **Byculla Bridge (Bombay)** (GIPR) 9/1946  
 Termination of auto signalling from Bombay Victoria; thereafter 6 lines (elect) working by Tyer 3-postn block  
 SB 'C'  
 /1 Int: frame and diagram  
 /2 Int: diagram  
 /3 Int: Tyer blocks  
 /4 Ext: SB; tracks looking to Bombay Victoria

- SF115 **Chorpuri Jn (Poona)** (GIPR) 9/1946  
Double track broad gauge GIP from Poona 'D' becomes single to Raicha and Madras; double track metre gauge MSM from Poona 'D' crosses GIP on level; double track to Chorpuri MSM then single to Belgaum. Tyer block from Poona 'D'; old style Neale's ball token to Hadapsar GIP; telephone only to Chorpuri MSM.
- /1 Int: lever frame  
/2 Int: Tyer and Neale instruments  
/3 Int: Neale's ball instrument  
/4 Ext: level crossing with SB beyond  
/5 Ext: SB with steam train; ? exchanging token  
/6 Ext: looking beyond level crossing from SB  
/7 Ext: looking from SB in opposite direction /6
- SF116 **Chorpuri Siding** (MSM) 9.1946  
Double line to Chorpuri Jn worked by tele'ne; single track onwards by Neale's token; insts in SM's office
- /1 Int: T6 frame  
/2 Ext: level crossing gates from SB; tracks
- SF117 **Churchgate (Bombay)** (BBCI) 9/1946  
End of BBCI sub'b'n line to Bombay; auto sig power frame
- /1 Int: miniature lever frame  
/2 Int: similar to /1 ; opposite direction plus desk  
/3 Int: diagram  
/4 Ext: SB  
/5 Ext: platform plus train from SB  
/6 Ext: opposite direction to /5
- SF118 **Dadar Yard (Bombay)** (BBCI) (date unknown)  
Works goods connection to GIPR; Hayles lever frame
- /1 Int: Hayle frame  
/2 Int: frame; part diagram; instrument shelf  
/3 Ext: signal gantry with SB beyond  
/4 Ext: view from SB; several gantries  
/5 Ext: steam train; bracket signal in foreground
- SF119 **Kurla 'C'** (GIPR) (date unknown)  
Very busy large SB on main and sub'n lines from Bombay Victoria terminus. Jn for little used branch to Chembur worked by old style Neale token
- /1 Int: block shelf and diagram  
/2 Int: Neale's ball token instrument  
/3 Int: section of block shelf  
/4 Int: looking along frame; block shelf and diagram  
/5 Int: frame; blocks; instruction card  
/6 Int: similar to /5  
/7 Ext: SB' tracks; semaphore signal
- SF120A **Alalgudi** (SIR) (date unknown)  
/1 Ext: window-less SB and frame
- SF120B **Lower Parel (Bombay)** (BBCI) 9/1946  
On 4-track main lines out of Bombay, normally switched out with signalling auto. Frame in SM's office.
- /1 Int: miniature lever frame (BBCI local manufacture)  
/2 Int: close-up of /1  
/3 Int: similar to /2 but in opposite direction  
/4 Int: diag in SM's office
- SF121 **'Maddur Jn'** (SIR) (date unknown)  
/1 -/4 Views of instrument removed from SB
- SF121A Roberts' Token Instrument by Walters Electrical Manufacturing Co Ltd of Kensal Road, London  
/1 -/5 Views from different angles
- SF122 **Madras Beach** (date unknown)  
/1 Int: Siemens frame and diagram  
/2 Ext: SB and tracks  
/3 Int: view from SB
- SF123 **Madras Central** (MSM) 1945  
Main broad terminus in Madras for MSM and SIR trains. Sykes L&B to Bason Bridge; Heppers Keys; single line to engine shed worked by Theobald token.
- /1 Int: frame; block shelf; diagram  
/2 Ext: view of station; possible from SB  
/3 Int: looking along length of frame
- SF124 **Madras Egmore** (SIR) 8/1946  
Terminus of steam lines from S. India; also electric metre gg lines (suburban) to Madras Beach; auto signalled and not normally controlled by SB; single line steam line to south worked by Neale token; lines electrified 1930.
- /1 Int: miniature lever frame and diagram  
/2 Ext: SB and tracks in foreground  
/3 Ext: view of station from SB  
/4 Ext: as /3 but opposite direction
- SF125 **Mahim** (BBCI) 9/1946  
Power operated jn on main and suburban lines out of Bombay Central terminus; jn for branch to GIPR.
- /1 Int: miniature lever frame and diagram  
/2 Int: as /1 but opposite direction  
/3 Ext: trackwork and colour light signals  
/4 Ext: lofty view of trackwork
- SF126 **Parel Jn (Bombay)** (GIPR) 9/1945  
On lines from Bombay
- /1 Int: three-position block instruments  
/2 Int: frame and block shelf  
/3 Int: frame; block shelf; diagram  
/4 Ext: tracks; semaphores; overbridge  
/5 Ext: tracks with overbridge in foreground  
/6 Ext: looking opposite direction to /5 (?)  
/7 Ext: Parel Yard SB on right (?)
- SF127 **Parel Yard 'A' Cabin** (GIPR) 9/1 946  
Mechanical SB on GIPR main lines out of Bombay and working connection to BBCI.
- /1 Int: lever frame; block shelf; diagram  
/2 Int: block instrument and diagram  
/3 Int: looking along frame; instruments; part of diagram  
/4 Ext: view SB to Bombay; GIPR right; BBCI left; gantry
- SF128 **Poona 'A' Cabin** (GIPR) 9/1946  
Controls entry to Poona Yards from Bombay side; Tyer's block; curious desk-top instrument is SM's control of subsidiary frame.
- /1 Int: frame and block shelf  
/2 Int: SM's control instrument  
/3 Int: block instruments and diagram  
/4 Ext: SB  
/5 Ext: view from SB  
/6 Ext: as /5 opposite direction
- SF129 **Poona 'B' Cabin** (GIPR) 9/1946  
Controls Bombay end of Poona station; several Hepper key transmitters at far end of shelf.
- /1 Int: lever frame and block shelf  
/2 Int: low numbers end of frame; Hepper instrument  
/3 Ext: view to station  
/4 Ext: SB indistance

- SF130 **Poona 'C' Cabin** (GIPR) 9/1946  
Controls country end of Poona station (GIPR 5' 6") and also  
MSM metre gauge terminus platforms; all worked by Tyer block and Hepper keys blocks at back of SB; shelf taken up by Hepper transmitters.
- /1 Int: lever frame and key transmitters  
/2 Int: as /1 but opposite direction  
/3 Int: diagram  
/4 Int: block instruments  
/5 Ext: SB and signal gantry  
/6 Ext: view from SB to station
- SF131 **Poona 'D' Cabin** (GIPR) (date unknown)  
Controls GIPR double track to 'C' SB and Chorpuri (not the parallel MSM metre gauge line); Tyer block/Hepper keys
- /1 Int: lever frame; block shelf and key instruments  
/2 Int: as /1 with key low down on left; part diagram  
/3 Ext: SB and tracks
- SF132 **Puttur** (MSM) (date unknown)  
Crossing station on main MSM line to Bombay; working by Neale ball token. Cabin at each end with SM's control by miniature lever frame (locally made) giving dual control over all running lines
- /1 Int: Neale ball token instrument  
/2 Int: frame in SM's office  
/3 Ext: looking to Bombay; East SB with sigs to main and loop
- SF133 **Ravali Jn** (GIPR) 9/1946  
Double jn a few miles from Bombay Vic. terminus and jn for two suburban lines plus lines to Bombay Hbr Railway; latter worked by 3-position block; passenger lines by auto signalling.
- /1 Int: diagram and instrument shelf  
/2 Int: 3-position block instrument  
/3 Int: end of instrument shelf and part diagram  
/4 Ext: SB and jn tracks  
/5 Ext: view from SB  
/6 Ext: looking along tracks with train in distance
- SF134 **Renigunta Jn** (MSM) (date unknown)  
Busy jn bet broad and metre gauge lines; common to both island plats; 5' 6" line worked by Neale ball token key interlocking; metre gauge by Theobald token plus key interlocking; all instruments in SM's office
- /1 Int: lever frame  
/2 Int: instruments  
/3 Int: single line token instrument (Theobald?)  
/4 Int: similar to /3  
/5 Ext: bracket semaphore signal; station in distance  
/6 Ext: two steam locos  
/7 Ext: SB' 3-arm bracket signal in distance  
/8 Ext: 3-arm bracket signal; SB in distance  
/9 Ext: close-up of point work rodding  
/10 Ext: rolling stock and steam loco  
/11 Ext: semaphores foreground; 2 trains with steam engines
- SF135 **Saidipet** (SIR) 1946  
Suburban station on SIR from Madras to South India; auto sig on elec. double lines; power frame used as required for termin'g trains; single steam line wkd by Neale token.
- /1 Int: small miniature lever frame and diagram  
/2 Int: similar to /1 plus token instrument  
/3 Ext: looking to Madras, LC with steam line on right
- SF136 **Tambaram** (SIR) 8/1946  
Terminus of Madras elect. metre gauge lines and crossing station on SIR main line to south.
- /1 Int: miniature lever frame and diagram  
/2 Int: as /1 but opposite direction  
/3 Ext: SB and tracks  
/4 Ext: view from SB  
/5 Ext: steam train approaching station
- SF137 **Tondiarpet Yard (Madras)** (MSM) 1945  
Hump yard serving Madras c5 miles from city on main MSM line to Calcutta; equipment manufactured locally at Arkonam MSM signal shops.
- /1 Int: table top layout and miniature levers  
/2 Ext: SB; wagon on hump  
/3 Ext: view of hump yard from SB
- SF138 **Victoria Terminus (Bombay)** (GIPR) (date unknown)  
Int: miniature lever frame in cabin 'A'; diagram
- /1 Int: similar to /1 ; opposite direction  
/2 Int: miniature lever frame and diagram in cabin 'B'  
/3 Int: similar to /3 ; opposite direction  
/4 Int: Harbour branch instrument – 40 position  
/5 Ext: looking to station  
/6 Ext: multi-track view
- SF139 **Vrioorachalam Jn** (SIR) (date unknown)  
Ext: SB
- SF140 **Washermenpet (Madras)** (MSM) 8/1946  
Simple 3-way jn in suburban Madras, all lines worked by Sykes L&B; 5' 6" gauge; single line metre gauge (goods); SIR also worked by SB.
- /1 Int: looking along frame; block shelf  
/2 Int: block shelf and diagram  
/3 Ext: SB and diagram; workmen  
/4 view from SB of jn; semaphore signals
- IRELAND (North and South)**
- SF140A **Amiens Street (Dublin)** (GNRI) (date unknown)  
/1 Ext: view from platform, SB in distance  
/2 Ext: similar to '1' but nearer SB  
/3 Ext: view into station, Loop Cabin on right hand side
- SF141 **Belfast Central** (GNRI?) (date unknown)  
/1 Ext: SB  
/2 Ext: tracks foreground, SB in distance  
/3 Ext: similar to 2/  
/4 Ext: steam locomotive and SB
- SF142 **Belfast, Great Victoria St** (GNRI) (date unknown)  
/1 Ext: looking to platforms, SB  
/2 Ext: looking from platform 4
- SF143 **Belfast North** ND  
/1 Ext: SB

SF144 **Belfast, Queens Quay** (B&CD) (date unknown)  
/1 Ext: SB  
/2 Ext: Part SB plus flat roof structure opposite

SF144A **Cherryville Jn** (GS&W) (date unknown)  
/1 Ext: view of SB, looking towards Dublin  
/2 Ext: SB, steps end, looking towards Cork  
/3 Ext: distant view of jn and SB from overbridge

SF144B **Clonmel** (GS&W) 5/1971  
/1 Ext: SB and approaching train  
/2 Ext: SB; steps end  
/3 Ext: view of station, SB in distance

SF144C **Cobh Jn** (GS&W) (date unknown)  
/1 Int: LH end of frame and block shelf  
/2 Ext: view through station, SB on left (?)

SF144D **Enfield** 5/1971  
/1 Ext: general view, SB in middle distance

SF144E **Kingsbridge (Dublin)** (GS&W) 5/1 971  
/1 Int: lever frame  
/2 Int: Zerograph describer from Inchicore  
/3 Ext: SB; looking to Inchicore

SF144F **Limerick Station** (M&GW) (date unknown)  
/1 Ext: singal SB end on, station behind  
/2 Int: lever frame

SF145 **Wexford North** (DW&W) (date unknown)  
/1 Ext: SB  
/2 Ext: end view from platform  
/3 Ext: station buildings, train entering platform

## ITALY

SF146 **Location unknown** (Italian State Railway) (date unknown)  
Neg. coupled to Jo'burg SA  
/1 Int: frame; instruments; diagram

## JAPAN

SF147 **Location unknown**  
/1 Int: instruments including single line instrument (?)  
/2 Ext: SB

SF147A **Ayabe** 1962  
/1 Ext: signals, close view of 2 lq semaphores on same post  
/2 Ext: signals, as in '1' plus bracket, part of SB at backgrnd  
/3 Ext: close up of 'point signal' (rotating ground shunt signal)  
/4 Ext: close view of SB (timber, gabled)  
/5 Ext: close view of upper part of bracket signal  
/6 Ext: water tank (no signalling interest!)

SF147B **Kizu** 1962  
/1 Ext: signals, 3 lq posts side-by-side  
/2 Int: SM's office, sig insts (Jpnse copy of Tyer's No 7)

SF147C **Nijo** 1962  
/1 Ext: sem're sigs, 2 lq posts alongside; 'hammerhead' arm  
/2 Ext: close up bottom of sig post with balance weights, etc  
/3 Int: frame (?S&F Improved Rocker?)  
/4 Int: frame showing locking behind levers  
/5 Ext: close view of SB (gabled)  
/6 Ext: close view of lead-offs at base of SB, train  
/7 Ext: Nijo station building exterior (no signalling interest)  
/8 Ext: signals, 2 (different) lq posts side-by-side

SF147D **Smobe** 1962  
/1 Ext: water tank (no signalling interest)  
/2 Ext: station footbridge (no signalling interest)  
/3 Ext: stairs of station footbridge (no signalling interest)  
/4 Ext: water column (2 signals, and layout, in background)  
/5 Ext: 'Point signal' (rotating ground shunt signal)  
/6 Ext: signal, one lq post  
/7 Ext: sig 'shelter'; frame (same type as Chascomus BAGS)

SF147E **Wachi** 1962  
/1 Int: sig 'shelter'; frame (same type as Chascomus BAGS)

## NEW ZEALAND

SF148 **Dunedin** 4/1967  
R Mathewson negs  
/1 Ext: southern end of suburban platforms  
/2 Ext: sig SB and elevated shunt discs; north end  
/3 Ext: starter signal north end of suburban platforms

SF149 **Invercargill** 1/1968  
R Mathewson negs  
/1 Ext: general view of station; signals in background  
/2 Ext: close up of signals  
/3 Ext: SB and signals; north end; CTC starts beyond

SF150 **Milton** (date unknown)  
/1 Ext: one of two SBs  
/2 Ext: 'other' SB  
/3 Ext: somersault signals on one post  
/4 Ext: signals incl elevated shunt signals  
/5 Ext: signals  
/6 Ext: ground signals  
/7 Ext: steam trains passing SB; signal in 'off' position

## SOUTH AFRICA

SF151 **Location unknown/Cape Town** (dates unknown)  
/1 Int: original Dutch frame; insts (coupled to Italian neg)  
/2 Int: 1910 hydraulic frame; insts (coupled to La Salle USA)

## SPAIN

SF152 **Atocha?** 1969  
Negs came mixed with Seville negs  
/1 Ext: gable end SB  
/2 Ext: station plats; signal gantry; hipped roof SB in distance  
/3 Int: lever frame  
/4 Int: lever frame  
/5 Ext: 3-doll gantry; SB in distance  
/6 Ext: SB  
/7 Int: lever frame  
/8 Int: lever frame  
/9 Ext: SB and 4-arm signal post

- SF153 **Seville** (MZA) 1969  
Negs came mixed with Atocha negs
- /1 Ext: station from approach tracks; overall rook
  - /2 Ext: signal gantry; station in background
  - /3 Ext: signal gantry; station in background
  - /4 Ext: general trackwork
  - /5 Ext: semaphore bracket signal
  - /6 Ext: trains; rolling stock view
  - /7 Ext: similar to /6
- SF154 **Huelva** (RTZ) 1969  
Metre gauge line running from Huelva on Spanish coast up to RTZ mines; British signalling; min. ETS on main with Powles & Moore block on complex of lines at mine; several quite large SBs; jn. nearby called El Valle.
- /1 Ext: SB
  - /2 Ext: semaphore signal gantry
  - /3 Ext: general view; SB on right
  - /4 Ext: looking along tracks at platform
  - /5 Ext: general view; various signals
  - /6 Ext: signal gantry
  - /7 Ext: large hipped roof SB
  - /8 Int: large lever frame
  - /9 Int: similar to /8
  - /1 0 Int: block instrument
  - /1 1 Ext: two 3-arm signal posts
  - /1 2 Ext: gable roofed SB; signals
  - /1 3 Ext: 4-doll signal gantry
  - /1 4 Ext: general view of tracks and SB on right
  - /1 5 Ext: general view of tracks and SB in centre
  - /1 6 Ext: view of tracks; shed; warehouse on right
  - /1 7 Ext: large station buildings and track
  - /1 8 Ext: looking from station to 5-doll gantry
  - /1 9 Ext: gable roofed SB; multi-storey bldgs to rear
  - /2 0 Ext: as /1 9 but opposite direction
  - /2 1 Ext: general view station tracks; SB in distance
  - /2 2 Ext: general view warehouses; SB in distance
  - /2 3 Ext: tall SB near bridge
  - /2 4 Ext: similar to /1 4
  - /2 5 Ext: general view of station tracks and rolling stock
  - /2 6 Ext: view around station area
  - /2 7 Ext: view around station area

- SF155 **El Valle** (RTZ) 1969  
See notes to Huelva
- /1 Ext: 4-doll signal gantry
  - /2 Ext: station view; platform; SB
  - /3 Ext: station building; platform
  - /4 Ext: SB and station in rear

#### SWITZERLAND

- SF156 **Berne** (date unknown)  
SB No 1
- /1 Int: frame and part diagram
  - /2 Int: similar to /1 but opposite direction
  - /3 Ext: view from SB to station
  - /4 Ext: view from SB; opposite to /3

- SF157 **Delemnot** (date unknown)  
SB No 1
- /1 Int: frame; instruments; clock; diagram
  - /2 Int: Hasler block diagram
  - /3 Ext: trackwork to station; SB
- SB No 2
- /4 Int: frame; instruments
  - /5 Int: similar but opposite direction to /4
  - /6 Int: RH end of frame; insts; part diagram
  - /7 Ext: SB
- Station Master's Control
- /8 Int: control panel
  - /9 Int: control panel; diagram
- SF158 **Gumligen** (date unknown)
- /1 Ext: station tracks
  - /2 Int: station control instruments
  - /3 Int: Siemens block, turnover frame in cabin
  - /4 Int: Siemens block in cabin
  - /5 Int: Siemens block in station office
  - /6 Int: similar to /5

#### TRINIDAD

- SF159 **Port of Spain** 7/1967  
by Charis Photograph
- /1 Int: lever frame
  - /2 Ext: station SB (gable roof)
  - /3 Ext: semaphore signal post; station SB (?) in rear
  - /4 Ext: bracket sig; hip roof SB in background
  - /5 Ext: station looking towards buffer stops
  - /6 Ext: looking out of station centre tracks; SB in distance
  - /7 Ext: similar to /5 ; water tower only in distance

#### USA

- SF160 **Chicago 16<sup>th</sup> Street** (10/06/58)  
New York Central; 152-lever GRS Model 2 electric frame (1901) plus second 48-lever frame (1929) to control 22nd St crossovers. SB controls flat crossing of New York Central, Illinois Central and Rock Island Railroads
- /1 Int: frame
  - /2 Ext: crossing, looking down New York Central lines, and SB
  - /3 Ext: closer view of crossing and SB
  - /4 Ext: crossing and SB from Illinois Central line
  - /5 Int: frame
  - /6 Int: describer

- SF160A **Chicago 22 Tower** (10/06/58)  
Chicago Transit (Elevated Railway)
- /1 Int: general view
  - /2 Int: general view
  - /3 Ext: SB, new 'Portacabin-esque' structure
  - /4 Ext: view from SB showing jn, train, with high office buildings both sides
  - /5 Ext: view from SB the other way showing Quincy station and train

- SF160B **Chicago 25 Tower** (10/06/58)  
Chicago 'EL'; open rush hours only; no block working; 'on sight' working
- /1 Ext: Signal Tower and tracks
  - /2 Ext: train on RR line
  - /3 Ext: trains on parallel tracks
  - /4 Int: instruments and telephones
  - /5 Int: Similar to /4 , different angle

- SF161 **Chicago Riverdale 137 St.** 6/1958  
 Illinois Central Railroad  
 /1 Int: Saxby rocker frame in centre of tower  
 /2 Int: similar to /1 , different angle  
 /3 Ext: signal tower  
 /4 Ext: signal tower
- SF162 **Conway** (date unknown) Leigh Valley Railway  
 /1 Ext: signal tower and token catcher (copy negative)
- SF163 **Englewood** (09/06/58)  
 Rock Island; flat crossing of Rock Island and Penn; SB  
 built 1900, 100-lever Saxby frame  
 /1 Ext: looking along Penn lines, SB in distance, colour light  
 signal on bracket  
 /2 Ext: station platform and tracks, Penn line  
 /3 Ext: station platform and tracks, Penn line, SB, train on  
 Rock Island going over flat crossing  
 /4 Ext: station platform  
 /5 Int: frame (? S&F Improved Rocker) from front (most of  
 frame in view) and diagram  
 /6 Ext: station platform and tracks, Penn line, train passing  
 on Penn line, SB  
 /7 Ext: identical view to /3  
 /8 Ext: almost identical view to /3  
 /9 Ext: train on Penn line passing SB, SB only part seen  
 /10 Ext: from Penn line (closest view of SB, timber, hipped)  
 /11 Int: almost identical view to /5
- SF163A **Englewood, 61<sup>st</sup> St** (date unknown) CRI&P  
 /1 Int: main frame and miniature levers (Saxby and Nat Sig  
 Co)  
 /2 Int: similar to /1 with diagram in background  
 /3 Int: similar to /1  
 /4 Ext: Signal Tower and trackwork  
 /5 Int: Frame (? S&F Improved Rocker) from front (most  
 frame in view) and diag.  
 /6 Ext: Station platform and tracks, Penn line, train passing  
 on Penn line, SB  
 /7 Ext: Identical view to '3' above  
 /8 Ext: Almost identical view to '3' above  
 /9 Ext: Train on Penn line passing SB, SB only part seen  
 /10 Ext: From Penn line (closest view of SB, timber, hipped)  
 /11 Int: Almost identical to '5'
- SF163B **Hoboken** 9/1960  
 Lackawanna; US&SCO 155 lever EB frame. 1907 inst'n  
 /1 Int: general view, shows frame and diagram  
 /2 Int: general view from other end, shows frame and diag  
 /3 Int: rotary train describers  
 /4 Int: rotary train describers  
 /5 Ext: SB and layout  
 /6 Ext: from station plat., more distant view of SB and layout
- SF164 **Hoffman Avenue, St Paul** (CB&Q) 1/1958  
 /1 Int: lever frame (1890; not Saxby)  
 /2 Int: lever frame and diagram  
 /3 Ext: signal tower on 'stilts' (1890)
- SF165 **La Salle** (date unknown)  
 NY Central (copy negative attached to Cape Town, SA)  
 /1 Int: lever frame (1900) and information boards
- SF166 **Mountain Top** (date unknown)  
 Leigh Valley Railway (/2 neg att to Whitburn Jn neg)  
 /1 Ext: single line token stage; catcher; signal tower  
 /2 Int: token instrument in tower
- SF167 **State Line** (C&WI RR) 6/1958  
 /1 Ext: signal tower; train crossing in background  
 /2 Ext: signal tower viewed from flat crossing  
 /3 Ext: signal tower viewed from beyond flat crossing  
 /4 Ext: signal tower viewed from a distance  
 /5 Ext: view from signal tower  
 /6 Ext: signal tower from near flat crossing  
 /7 Ext: rolling stock  
 /8 Ext: electric train passing over flat crossing  
 /9 Int: lever frame and diagram  
 /10 Int: looking along length of frame  
 /11 Int: similar to /1 0 but opposite direction  
 /12 Int: general view of tower room; frame and diagram  
 /13 Int: lever frame from RHS