

Revisions

British Railways Board
Reg. Signal and Telecommunications Engineer

British Rail

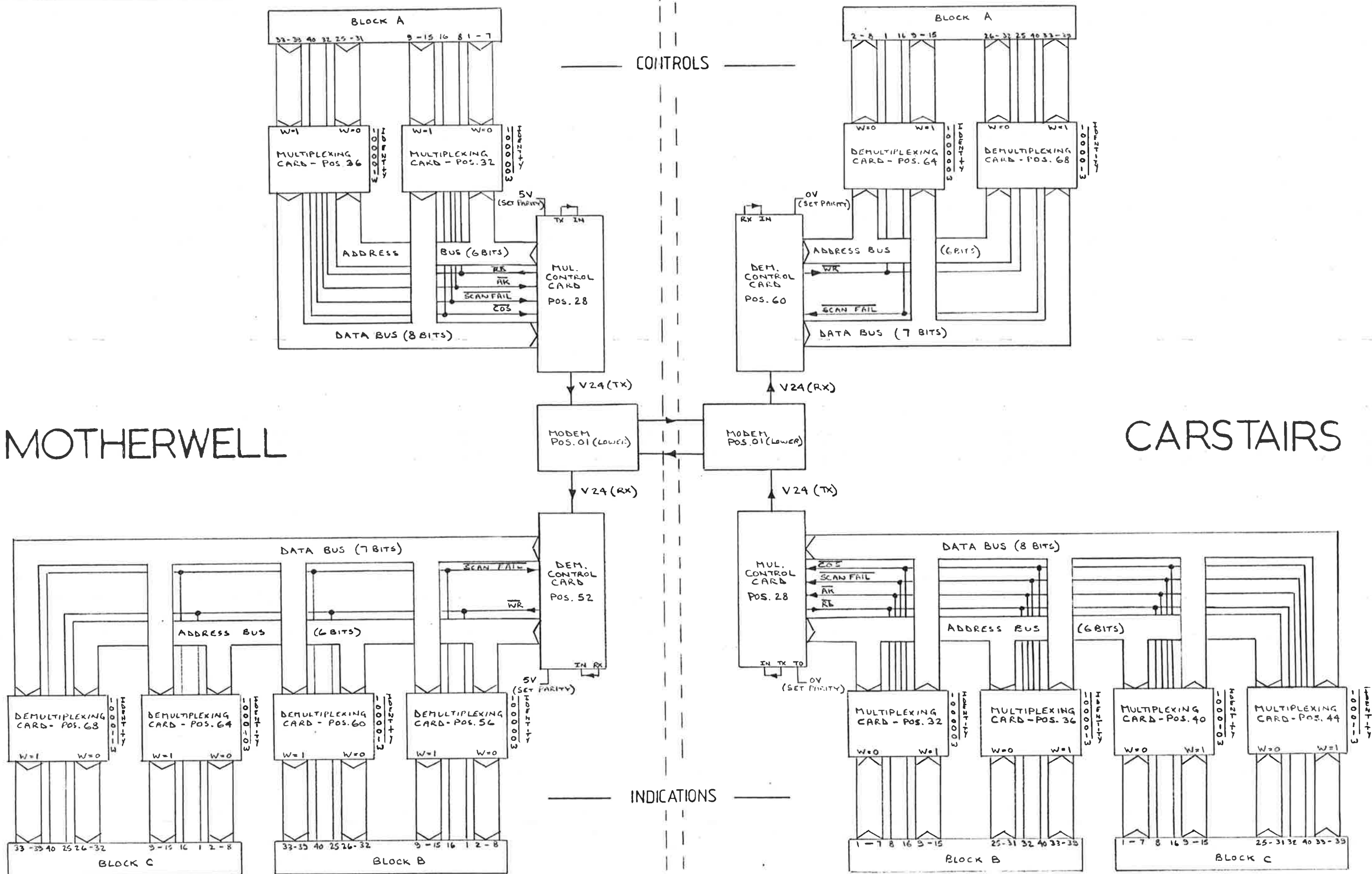
Sc.R. D.A.M. SYSTEM
MOTHERWELL-CARSTAIRS
LAYOUT

No. 5ES 88/7 sheet 1

DRAWN GK DATE 24/08/88

MOTHERWELL

CARSTAIRS



Revisions

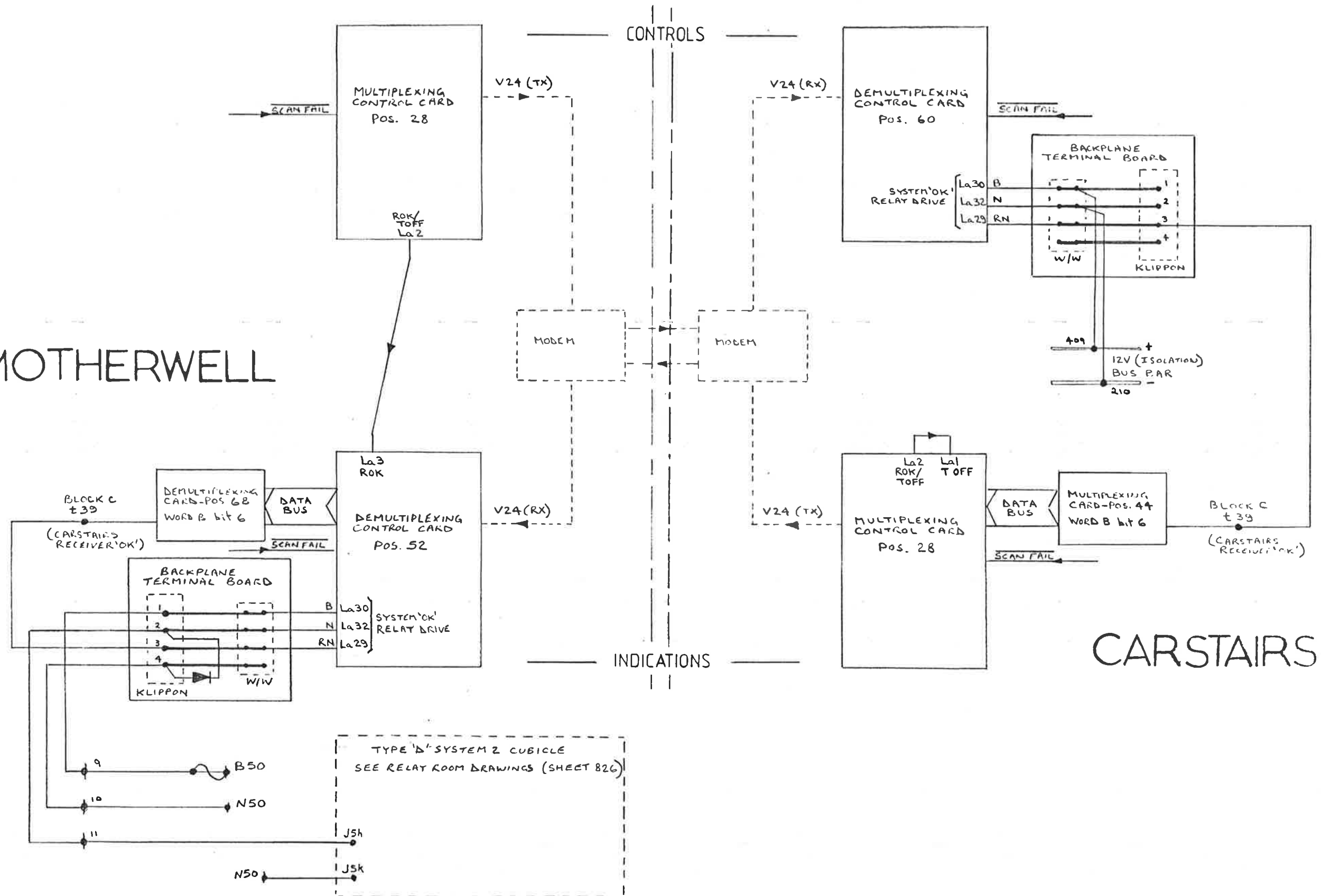
British Railways Board
Reg. Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL-CARSTAIRS
ARCHITECTURE

No. SES88/7 sheet 2

MOTHERWELL



CARSTAIRS

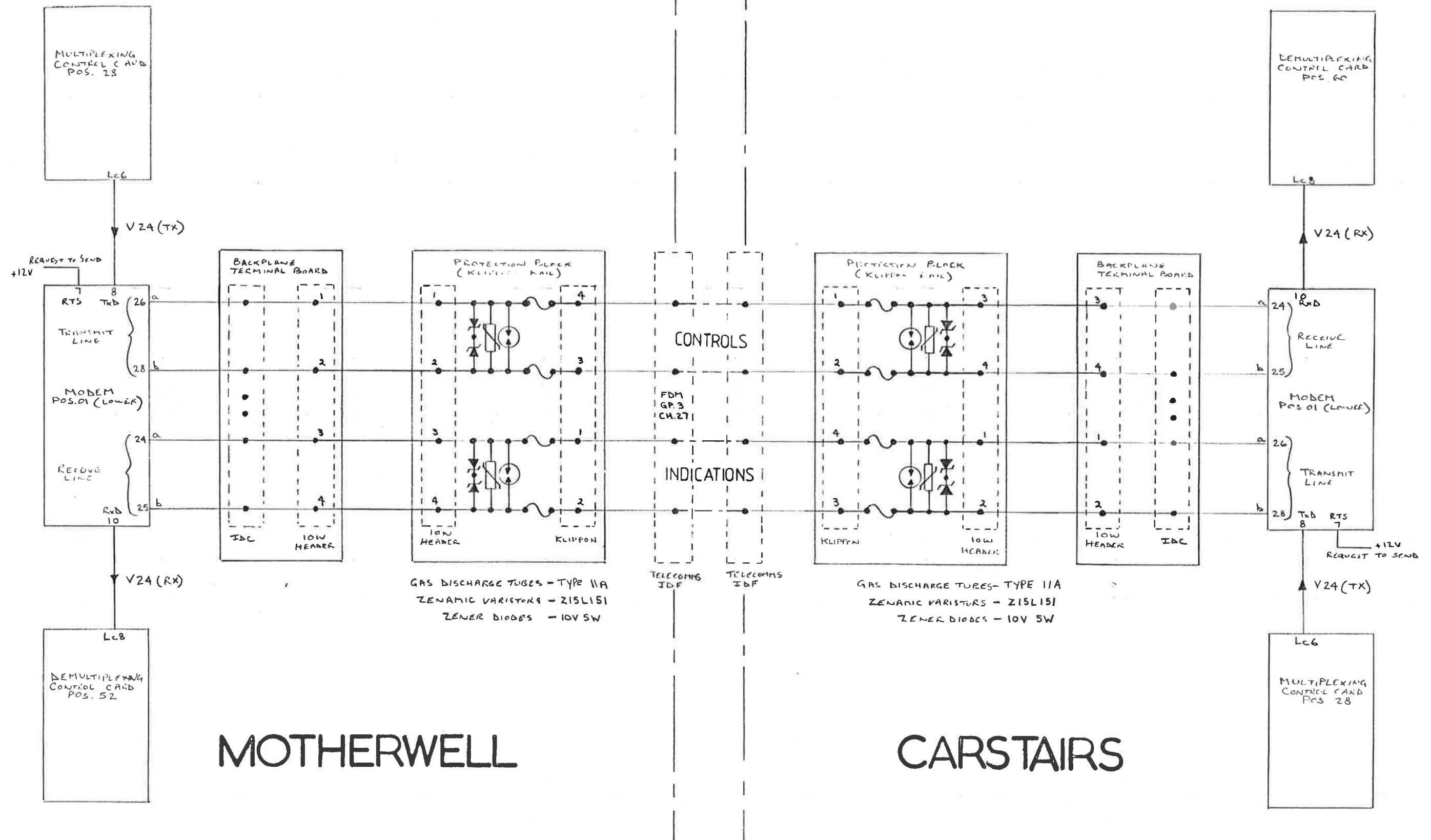
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Reg. Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL - CARSTAIRS
ALARM CIRCUITS

No. SES88/7 sheet 3



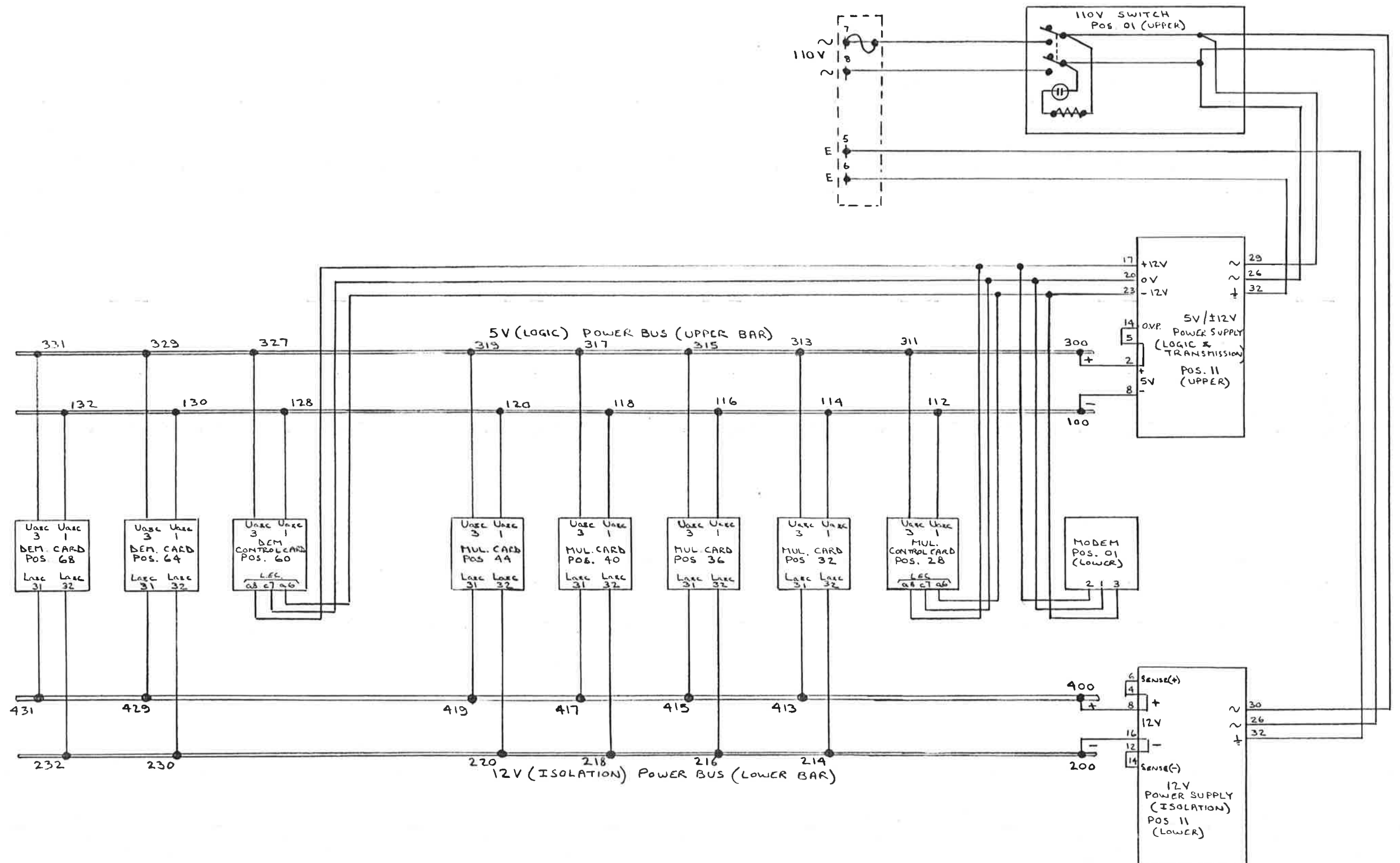
Revisions

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Reg. Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL-CARSTAIRS
TRANSMISSION

No. SES 88/7 sheet 4



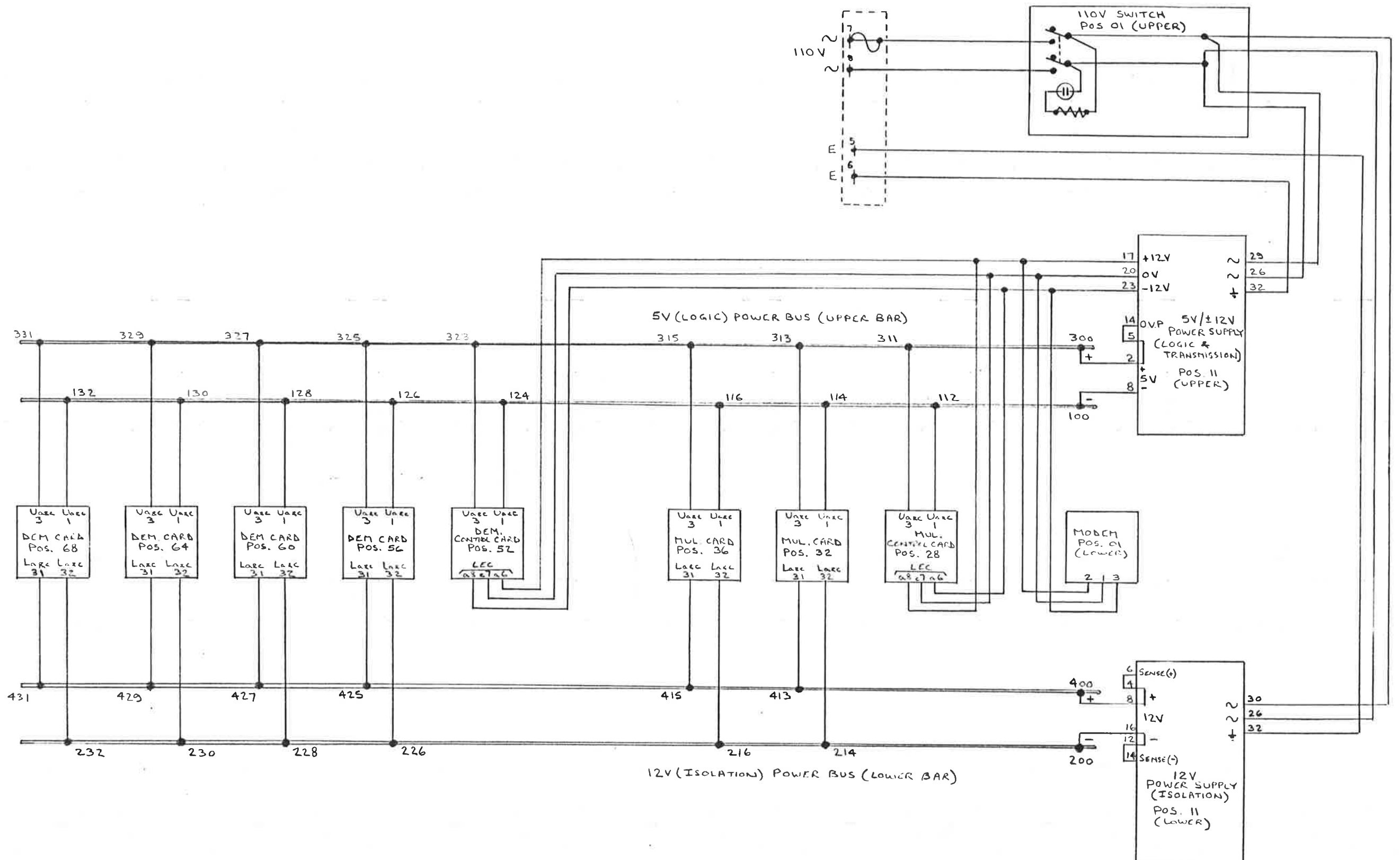
Revisions

British Railways Board
Reg. Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
CARSTAIRS
POWER DISTRIBUTION

No. SES 88/7 sheet 5



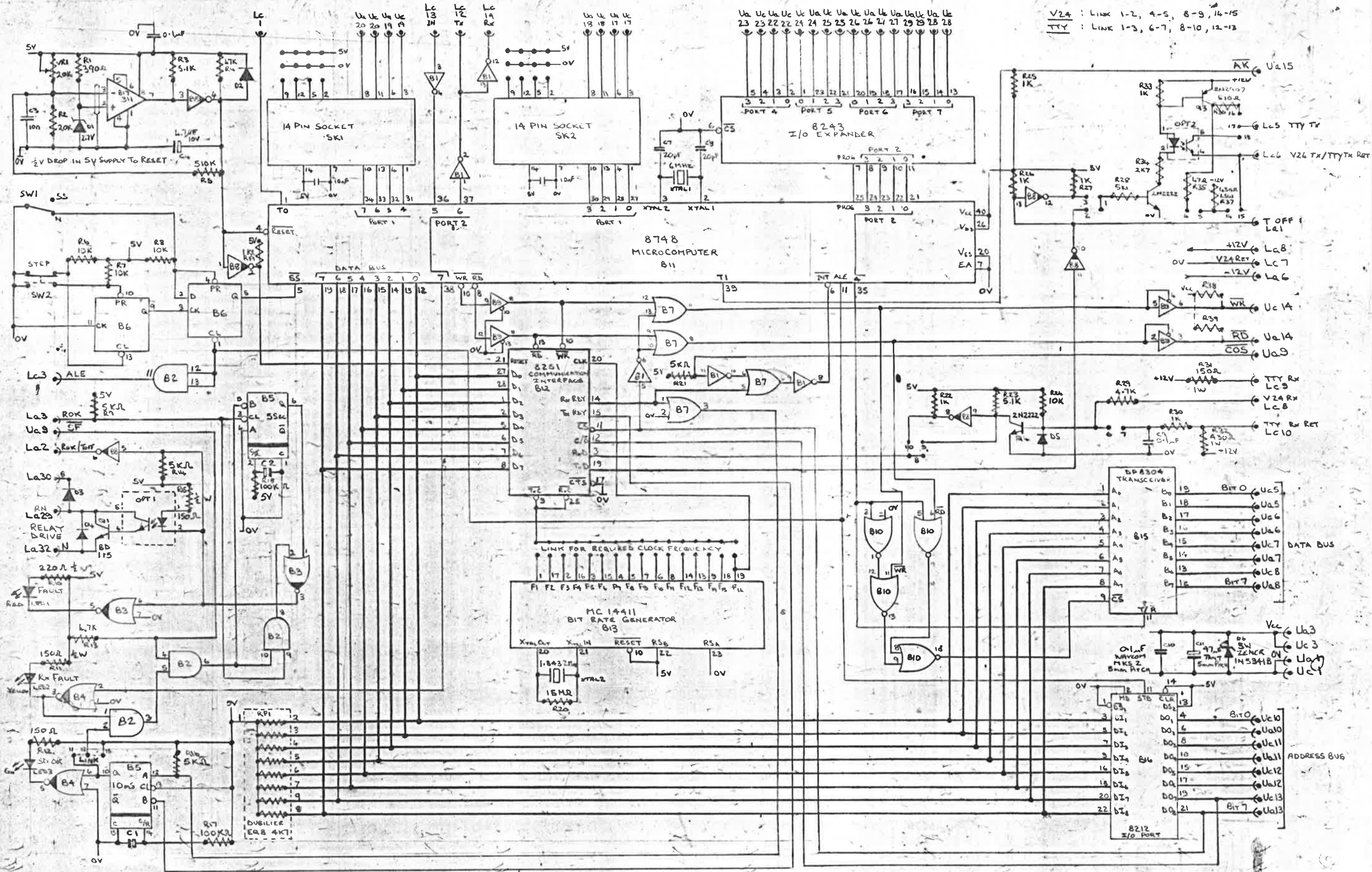
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British Railways Board
Reg. Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL
POWER DISTRIBUTION

No. SES 88/7 sheet 6



V24 : LINK 1-2, 4-5, 8-9, 14-15
 TTY : LINK 1-3, 6-7, 8-10, 12-13

- B1 - 74LS04
 B2 - 74C08
 B3, B4 - DS 3634
 B5 - CD4538 BCN
 B6 - 74LS74
 B7 - 74LS32
 B8 - 7406
 B9 - 74125
 B10 - 74LS02
- SW1 - FARNELL No. 145-180
 SW2 - FARNELL No. 145-182
 ALL DIODES - IN4004
 1.8432MHz CRYSTAL - FARNELL 170-226
 6MHz CRYSTAL - FARNELL 103-884
 RED LED - RS-587-125
 YELLOW LED - RS-587-119
 GREEN LED - RS-587-103

C1 - 0.1µF 35V TANTALUM 5mm PITCH
 C2 - 68µF 10V TANTALUM 5mm PITCH
 LINK RS SELECTOR PLUG 434-734
 IN SOCKET 434-712

Revisions
 ① - MAY 84
 ② - JUNE 84
 ③ - JULY 84
 ④ - AUG 84
 ⑤ - SEP 84
 ⑥ - OCT 84
 ⑦ - NOV 84
 ⑧ - DEC 84
 ⑨ - JAN 85
 ⑩ - FEB 85
 ⑪ - MAR 85
 ⑫ - APR 85
 ⑬ - MAY 85
 ⑭ - JUN 85
 ⑮ - JUL 85
 ⑯ - AUG 85
 ⑰ - SEP 85
 ⑱ - OCT 85
 ⑲ - NOV 85
 ⑳ - DEC 85
 ㉑ - JAN 86
 ㉒ - FEB 86
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 ㉔ - APR 86
 ㉕ - MAY 86
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 ㊹ - DEC 87
 ㊺ - JAN 88
 ㊻ - FEB 88
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 ㊽ - APR 88
 ㊾ - MAY 88
 ㊿ - JUN 88

British Railways Board
 Chief Signal and Telecommunications Engineer

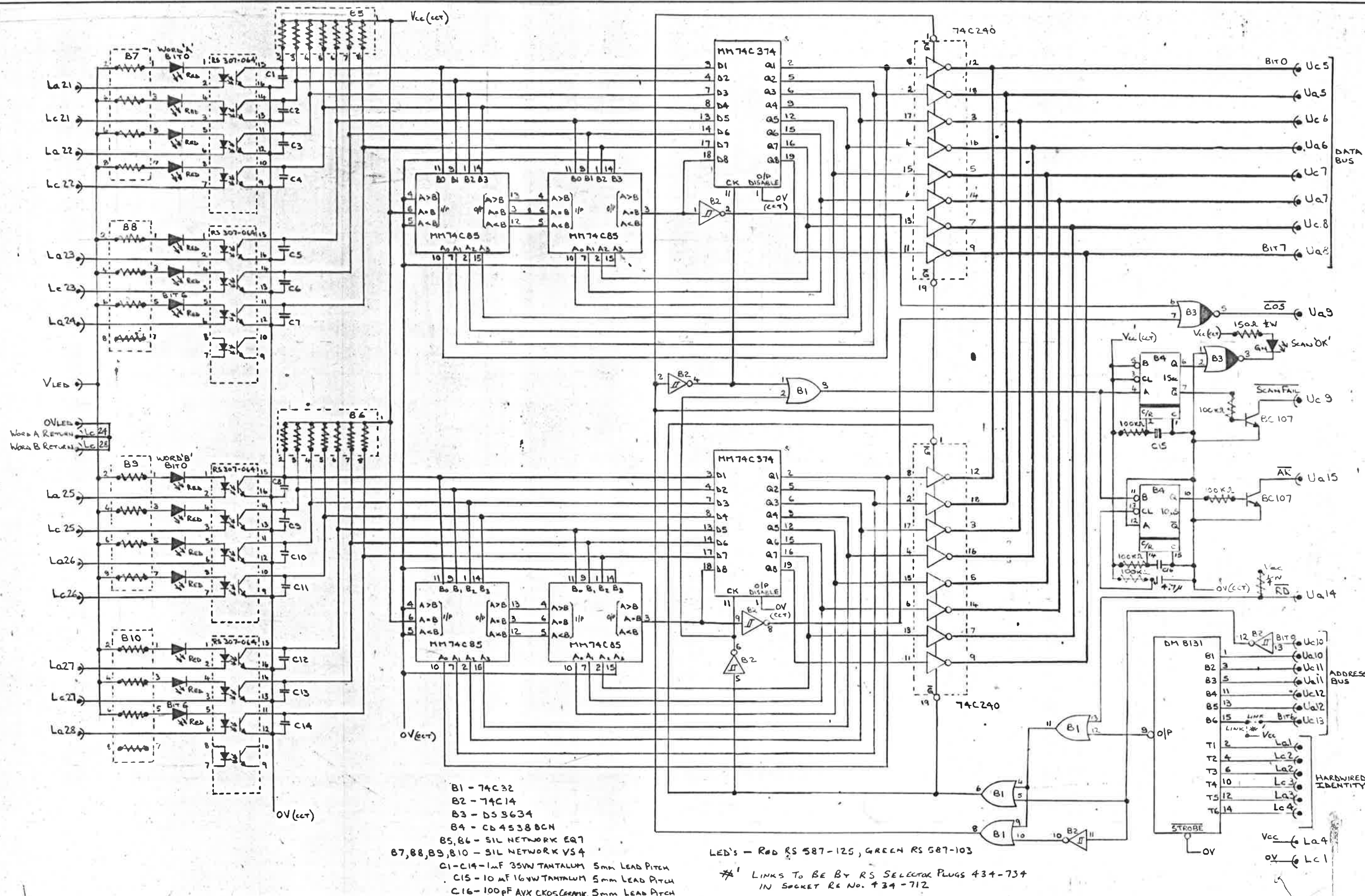
Sc.R. D.A.M. SYSTEM
 MOTHERWELL - CARSTAIRS

CONTROL CARD

British Rail

CARD No. 82SES1

No. SES 88/7 sheet 7



Revisions

British Railways Board
Chief Signal and Telecommunications Engineer

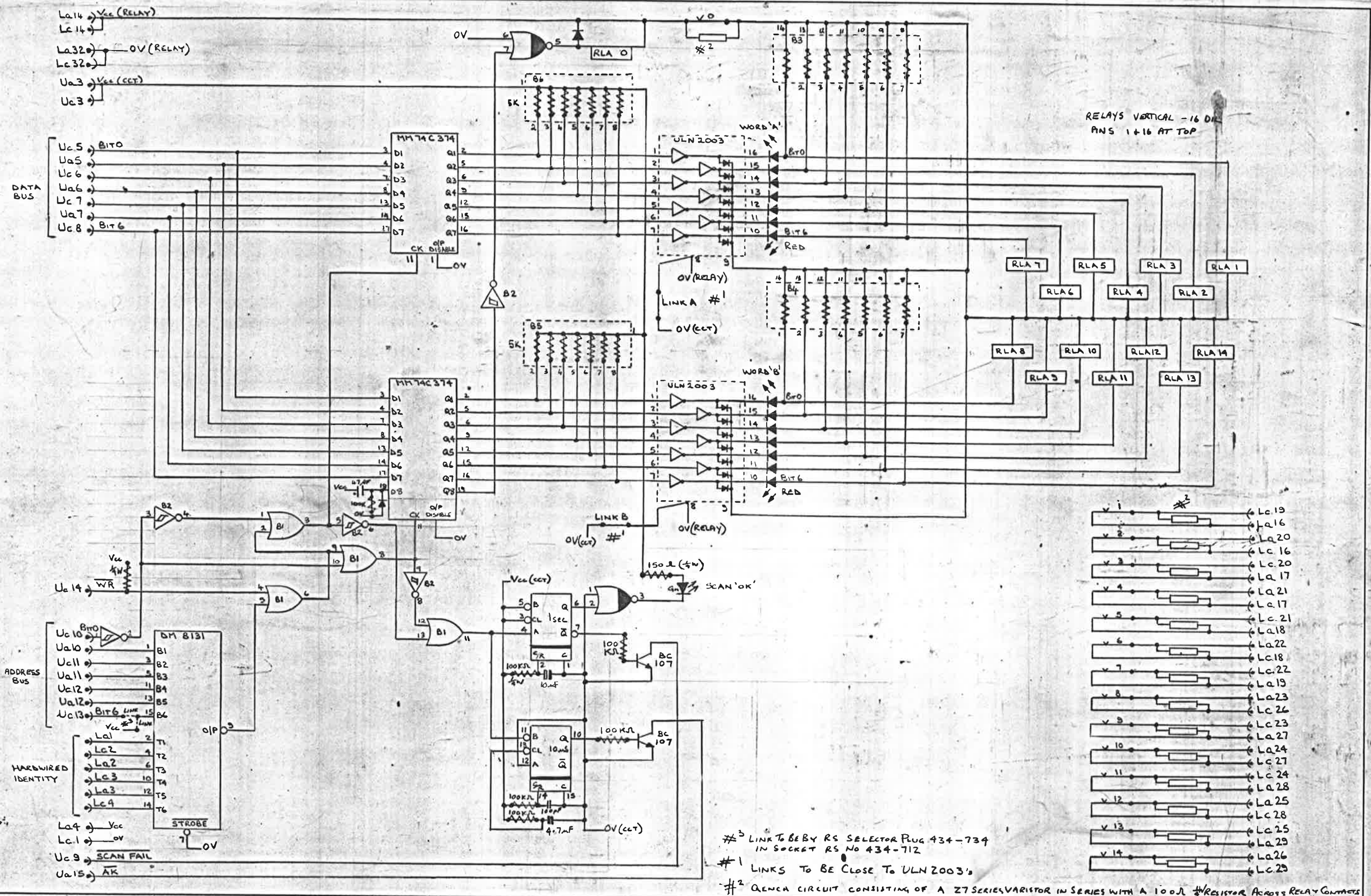
British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL-CARSTAIRS

CARD No. 82 SES 2

MULTIPLEXING CARD

No. 1-5-84
SES 88/7 sheet 8



B1 - 74C32
B2 - 74C14
B3, B4 - FARNELL No. 143 486 DUAL IN LINE RESISTORS RB7
B5, B6 - FARNELL No. 143 474 SINGLE IN LINE RESISTORS EQ7
ALL DIODES - 1N4004
RELAYS - SIEMENS, FARNELL ORDER CODE 170-179
LED'S - RED RS 587-125, GREEN RS 587-103

Revisions

British Railways Board - Scottish Region
Chief Signal and Telecommunications Engineer

British Rail

Sc.R. D.A.M. SYSTEM
MOTHERWELL-CARSTAIRS

CARD No. 82 SES 3
1-5-84 Chief S & T Engineer

DEMULPLEXING CARD

No. SES 88/7 sheet 9