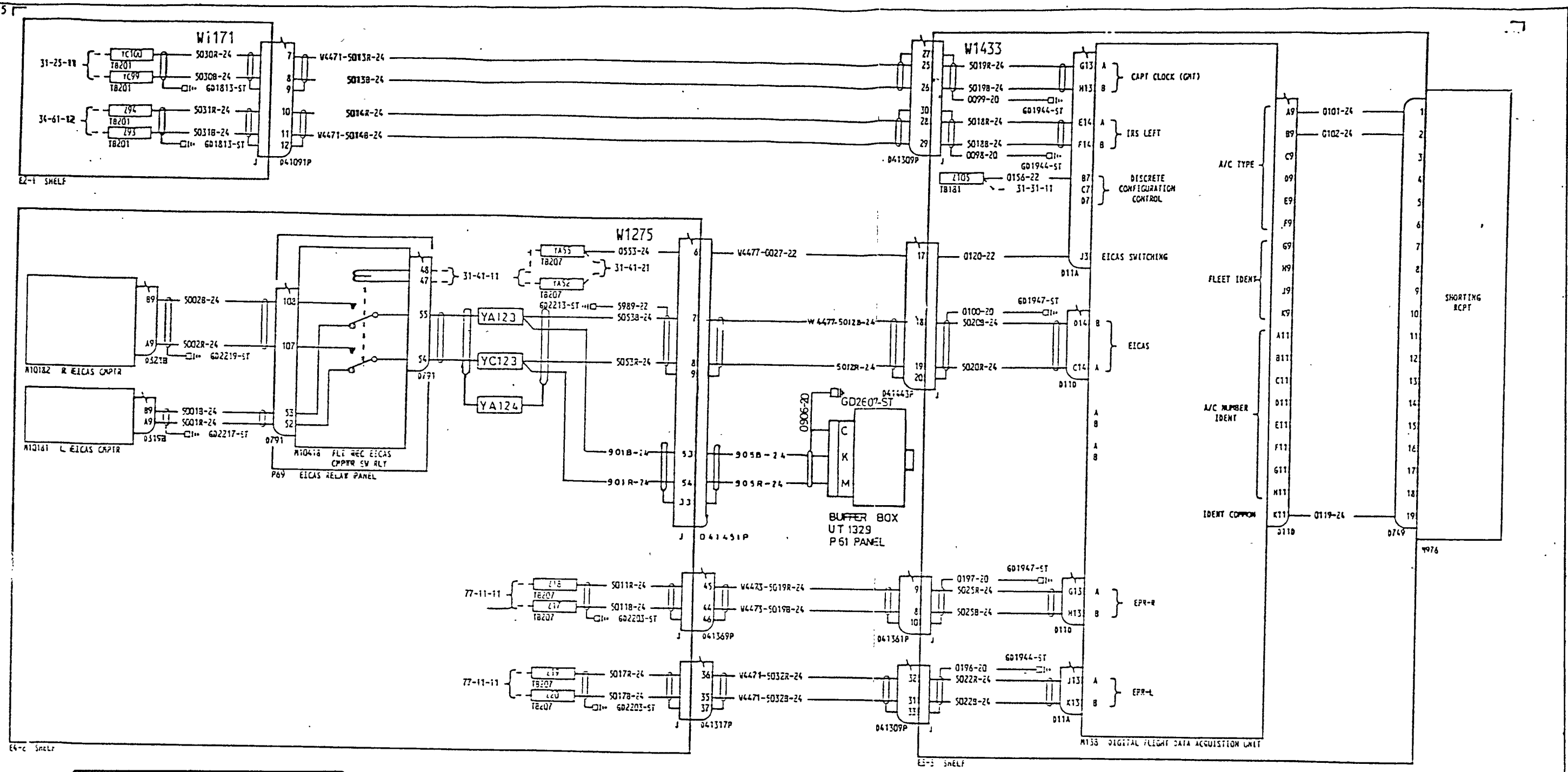


# ***BOEING 757***

## **Wiring Diagram Manual**

### **CHAPTER 31 - INDICATING / RECORDING SYSTEMS**

## **FIRST CHOICE AIRWAYS CUSTOMISATIONS**



EFFECTIVITY.

G-MONB	G-000A	G-FOOE
G-MONC	G-000B	G-FXOF
G-MOND	G-000C	G-000U
G-MONE	G-000D	
G-MONJ	G-000G	
G-MONK	G-000H	
G-DAJB	G-000I	
G-DRJC	G-000J	
G-MCKE	G-000S	
	G-000T	
	G-000V	
	G-000W	

31-31-12  
Page MON 1  
8.1.92

DRAWN. G.DUNN		DATE. 5-12-1991		CHECKED <i>[Signature]</i>		MOD No. GEN/757/1075 MON/757/746		MONARCH AIRCRAFT ENGINEERING LTD.		PAGE. —		ATA No. —		TITLE. DIGITAL FLIGHT RECORDER AND ARINC READER.	
										EFFECTIVITY. SEE SEPARATE LIST		DRG No. KD-16-245		ISSUE F	

THAMES GRAPHIC CENTRE LTD.





B757 MANUAL SUPPLEMENT - ATP 3510  
SECTION 4 CHAPTER 31  
CONTROL PAGE - ISSUE 2

CAA APPROVAL

The Temporary Revisions listed hereon comply with BCAR Chapter A5-3, B5-3 and/or TSS No 0-2 as appropriate.

Signed  for Chief Engineer (Quality & Training)  
CAA Approval No. DAI/8566/78

- A. File the attached Temporary Revision/Alerts in the Manual Supplement in ATA Chapter/Section/Subject/Page sequence
- B. File this Control Page in front of the Chapter TRs/Alerts.
- C. The following list shows active TRs/Alerts together with TRs/Alerts added by this control page.

Chapter Section Subject	Page	TR/Alert No.
31-25-11	1	31-532
31-31-00	1	31-537
31-41-14	2	31-535
31-41-14	2	* 31-538
31-41-19	1	31-531
31-41-24	2	31-536
31-41-24	2	* 31-537
31-51-11	1	31-526
31-51-12	1	31-525
31-51-31	1	31-529
31-51-32	1	31-530
31-51-34	3	31-524
31-51-35	3	31-528
31-51-36	3	31-527

- D. Remove and Destroy the following TRs/Alerts:

\* Indicates TRs/Alerts issued with this control page

**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS  
(NB 322)**

TR Page 1 of 1  
5 August, 1997

B757

**WIRING DIAGRAM MANUAL**

TEMPORARY REVISION No. 31-532

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.

*G Litchfield*

For CHIEF ENGINEER QUALITY

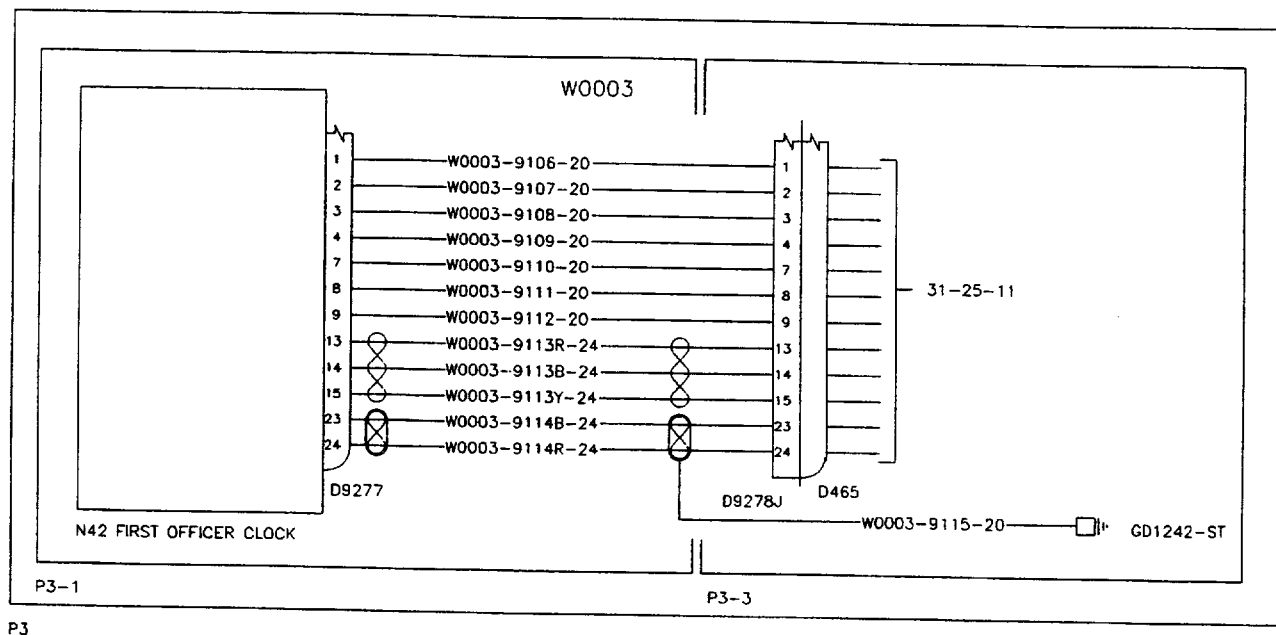
Manual Reference 31-25-11 Page 1

**REASON FOR REVISION**

Mod to main instrument panels.

**ACTION**

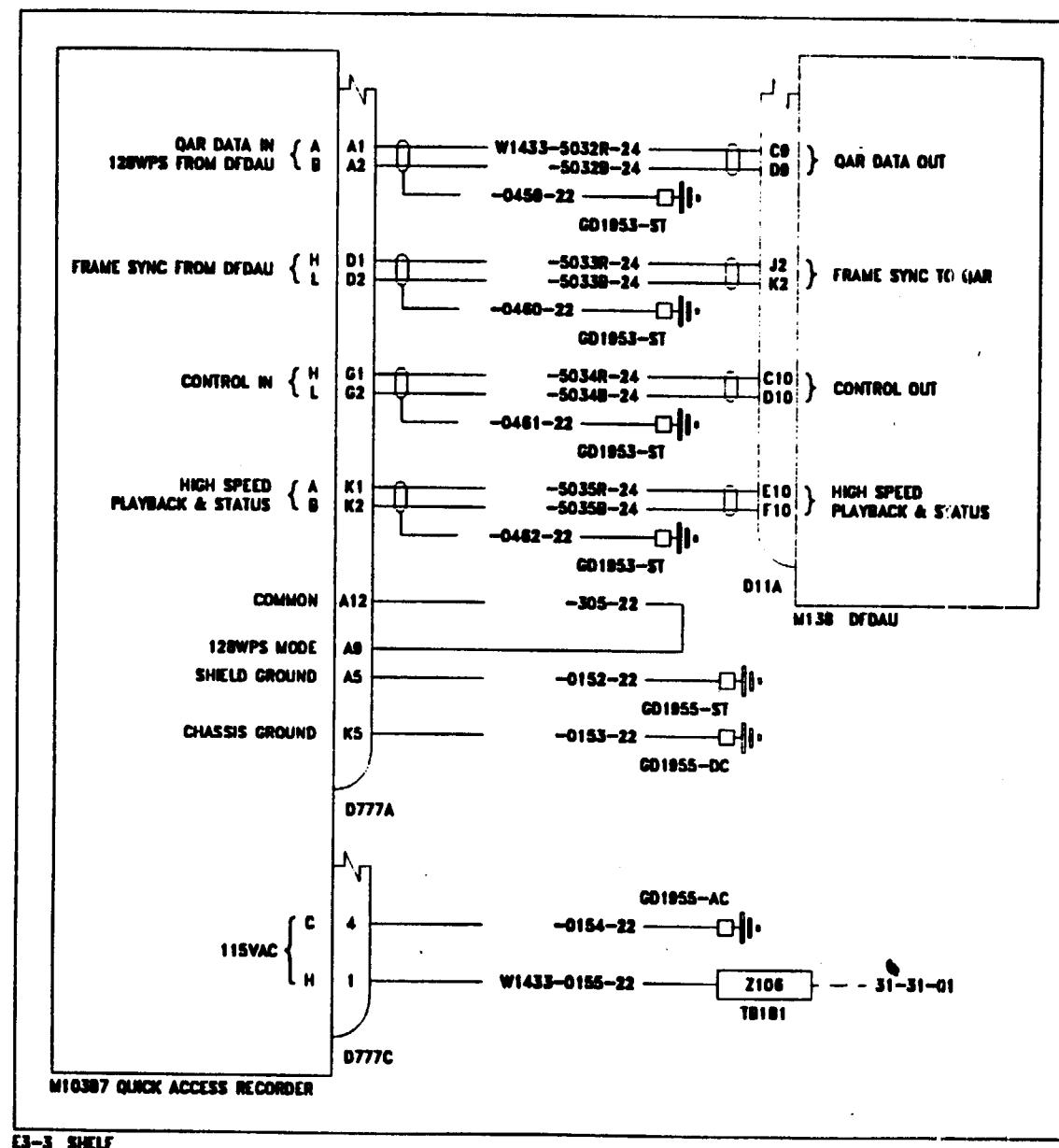
Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: C.L. Anstey  
Reference: 39G001  
Workbook: SH 39-7

31-25-11  
Page 1

# BOEING 757 BAB WIRING DIAGRAM MANUAL



ATP  
TEMPORARY  
REVISION

A/C NB322  
B757

## WIRING DIAGRAM MANUAL

THIS TEMPORARY REVISION IS ISSUED BY DIVISION AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, 61, TBA, 9401, P.O. BOX 10, HANSON AIRPORT, DUNDAS ONTARIO L9A 4N1) AND COMPLETES WITH DCAR'S CHAPTERS AS-3, DS-3 AND/OR TOS NO. 9-2 AS APPLICABLE. CNA DESIGN APPROVAL NO. DAE/9544/70

*G. Littlefield*

FOR CHIEF ENGINEER QUALITY & TRAINING

TEMPORARY REVISION No: 31-537

MANUAL REFERENCE: 31-31-00 PAGE 1

REASON FOR REVISION: 31G118

TIS RECORD No: SH 31-11

002  
QUICK ACCESS RECORDER

31-31-00  
PAGE 1

31-31-00  
PAGE 1

**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS**  
**(NB 322)**

TR Page 1 of 1  
11 December, 1997

B757

**WIRING DAIAGRAM MANUAL**

**TEMPORARY REVISION No. 31-535**

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DA1/8566/78.

*G Litchfield*

For CHIEF ENGINEER QUALITY

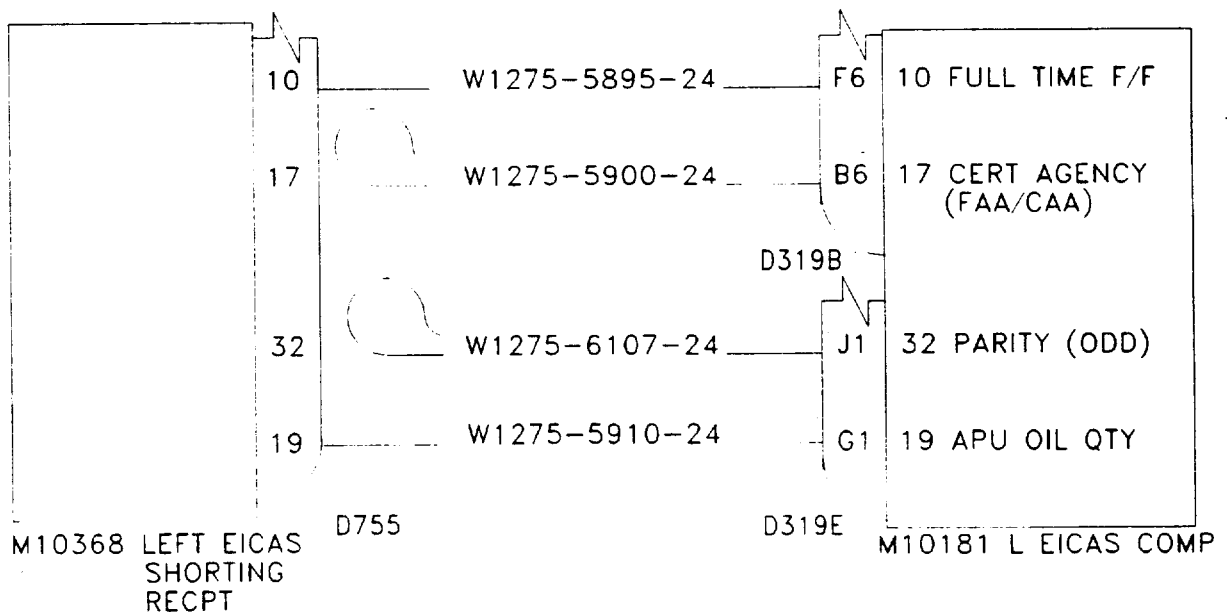
Manual Reference 31-41-14 Page 2

**REASON FOR REVISION**

- 1) EICAS PIN PROGRAMMING CHANGES (31G108)
- 2) APU OIL QUANTITY INDICATION (49G278)

**ACTION**

Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: M.Hanim  
Reference: 49G278  
Workbook: SH 49-02

31-41-14  
Page 2



# ATP TEMPORARY REVISION

BRITISH AIRWAYS  
757(NB 322)

TR Page 1 of 1  
13 May, 1998

## WIRING DIAGRAM MANUAL

TEMPORARY REVISION No. 31-538

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DA1/8566/78.

For CHIEF ENGINEER QUALITY AND TRAINING

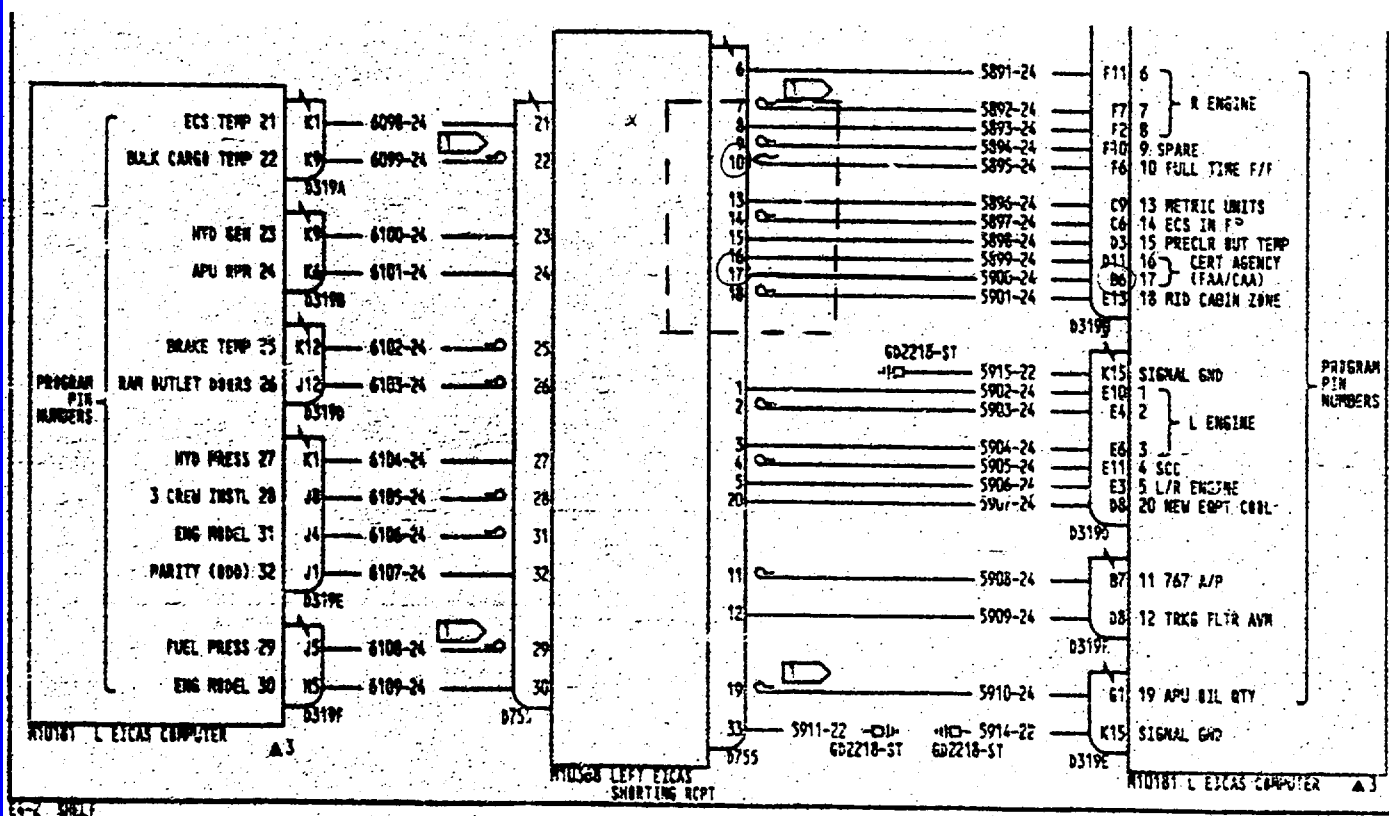
Manual Reference 31-41-14 Page 2

### REASON FOR REVISION

To disable EICAS Fuel Flow Indication

### ACTION

Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: R.Kinnell  
Reference: EOC-757-031G108  
Workbook: SS 31-12

31-41-14  
Page 2

**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS**  
**(NB 322)**

TR Page 1 of 1

23 July, 1997

B757

WIRING DAIAGRAM MANUAL

TEMPORARY REVISION No. 31-531

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.



For CHIEF ENGINEER QUALITY

Manual Reference 31-41-19 Page 1

**REASON FOR REVISION**

EICAS maintenance page operational in flight.

**ACTION**

Read this TR in conjunction with Boeing pages. Additional wiring changes below.

Additional link wire W2315-9001-20 from TB121 Z12 to GD618-DC.

Originator: R. Kinnell  
Reference: 31G022  
Workbook: SH 31-8

31-41-19  
Page 1

**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS**  
**(NB 322)**

TR Page 1 of 1  
11 December, 1997

B757

**WIRING DAIAGRAM MANUAL**

TEMPORARY REVISION No. 31-536

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.

*G Litchfield*  
For CHIEF ENGINEER QUALITY

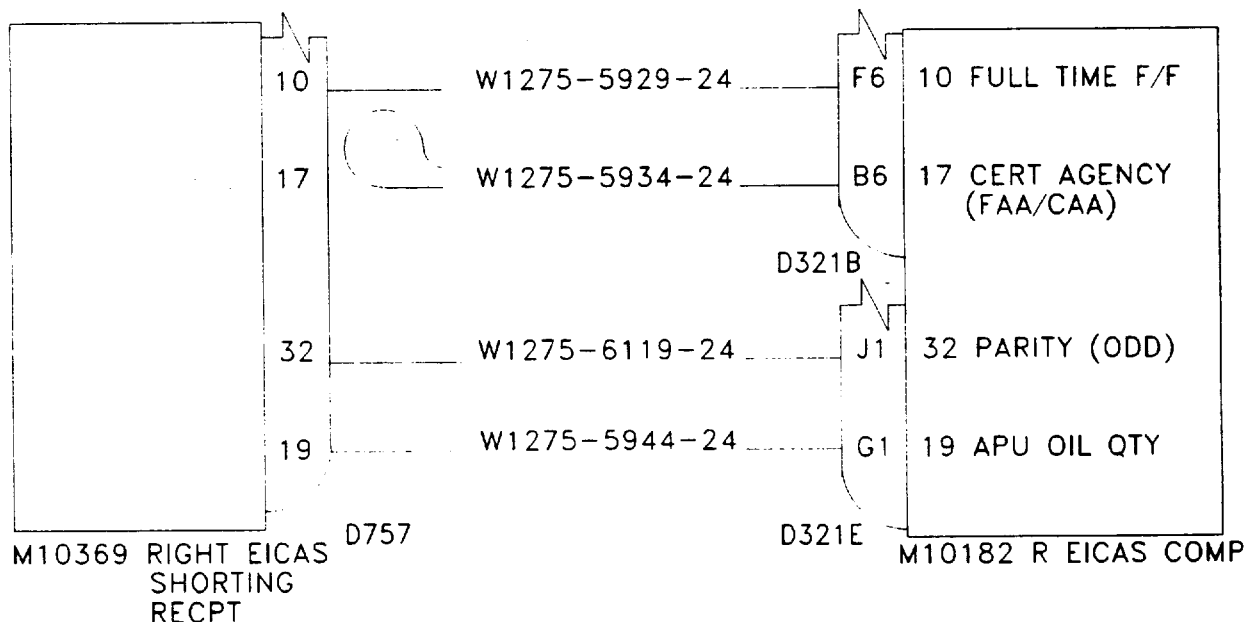
Manual Reference 31-41-24 Page 2

**REASON FOR REVISION**

- 1) EICAS PIN PROGRAMMING CHANGES (31G108)
- 2) APU OIL QUANTITY INDICATION (49G278)

**ACTION**

Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: M.Hanim  
Reference: 49G278  
Workbook: SH 49-02

31-41-24  
Page 2

# ATP TEMPORARY REVISION

BRITISH AIRWAYS  
757(NB 322)

TR Page 1 of 1  
13 May, 1998

## WIRING DIAGRAM MANUAL

TEMPORARY REVISION No. 31-537

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 710, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DA1/8566/78.

For CHIEF ENGINEER QUALITY AND TRAINING

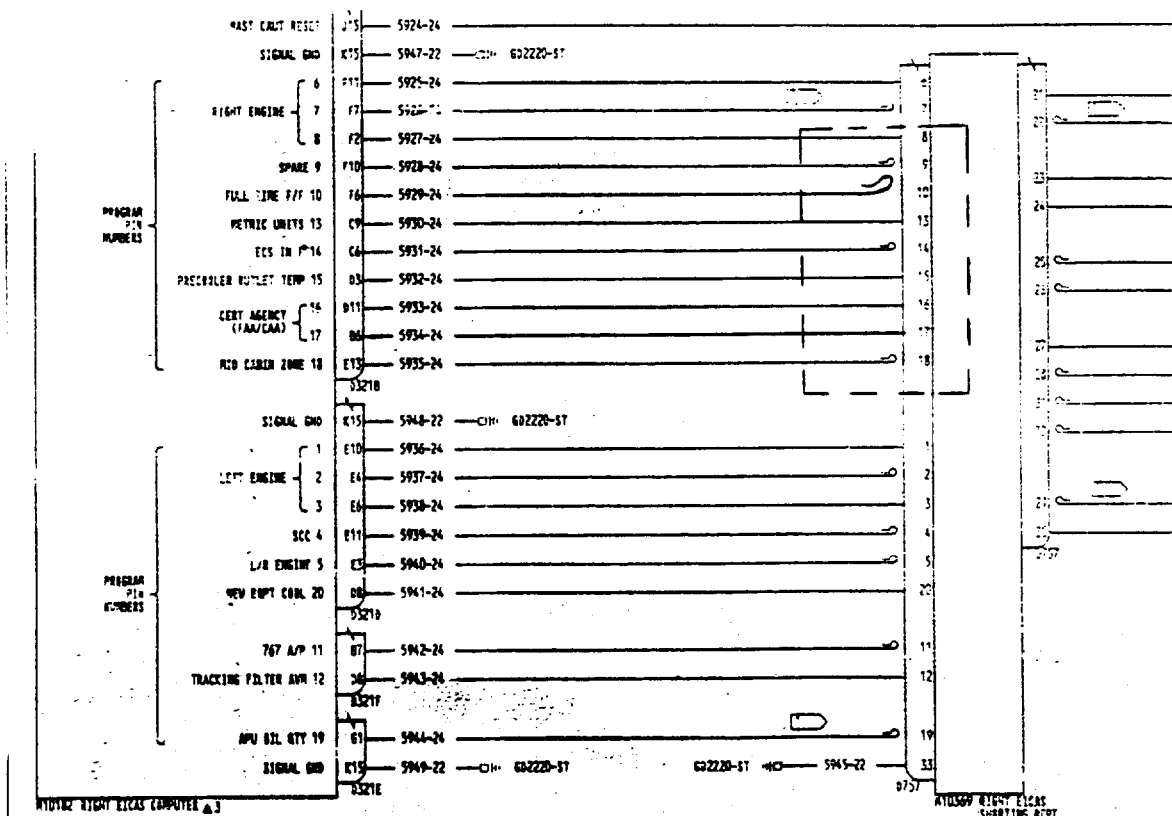
Manual Reference 31-41-24 Page 2

### REASON FOR REVISION

Disable EICAS Fuel Flow indication

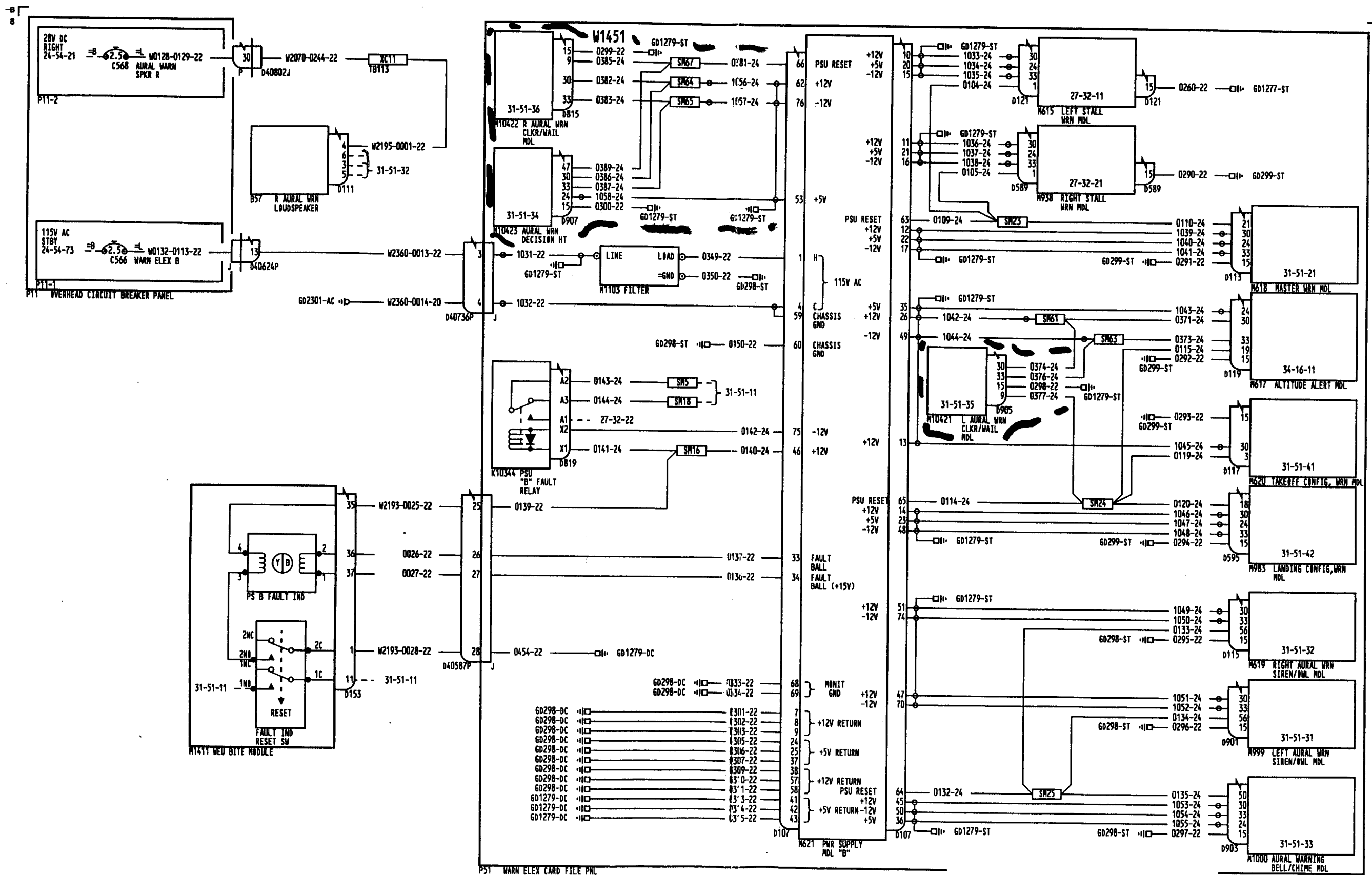
### ACTION

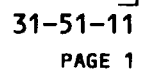
Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: R.Kinnell  
Reference: EOC-757-031G108  
Workbook: SS 31-12

31-41-24  
Page 2





**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS  
(NB 322)**

TR Page 1 of 1  
22 July, 1997

B757

**WIRING DAIAGRAM MANUAL**

**TEMPORARY REVISION No. 31-529**

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.

*G Litchfield*

For CHIEF ENGINEER QUALITY

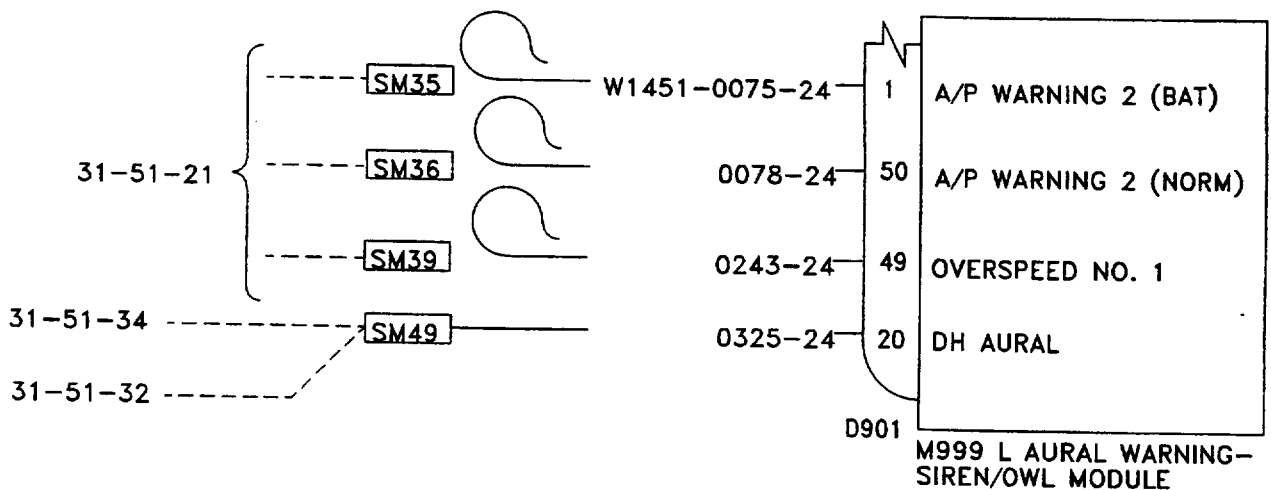
Manual Reference 31-51-31 Page 1

**REASON FOR REVISION**

Aural warnings to CAA standard.

**ACTION**

Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: R. Kinnell  
Reference: 31G097  
Workbook: SH 31-9

31-51-31  
Page 1

**ATP  
TEMPORARY  
REVISION**

**BRITISH AIRWAYS**  
**(NB 322)**

TR Page 1 of 1

22 July, 1997

B757

**WIRING DIAGRAM MANUAL**

**TEMPORARY REVISION No. 31-530**

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.

*G Litchfield*

For CHIEF ENGINEER QUALITY

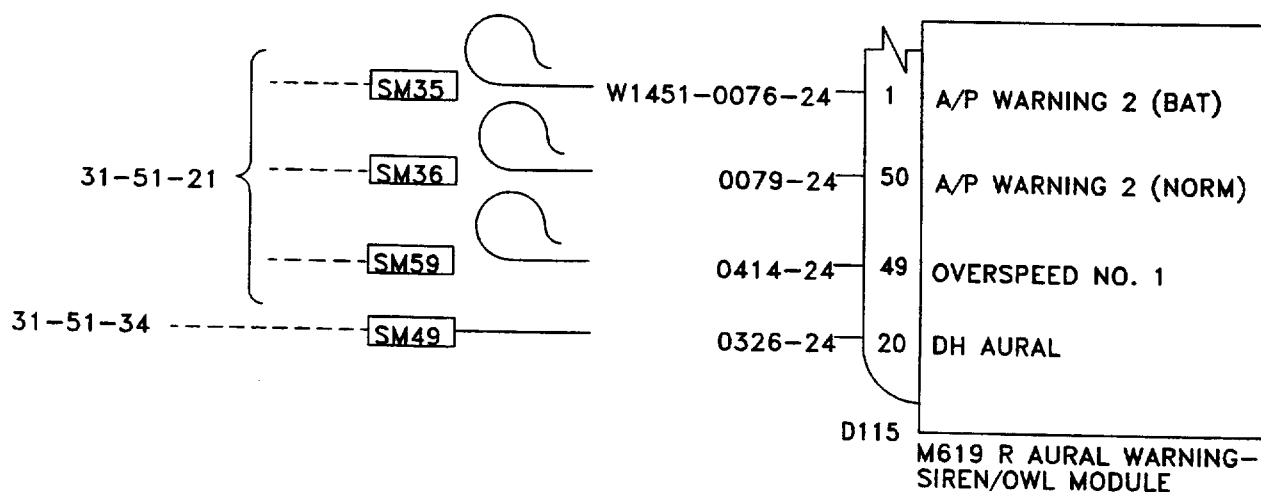
Manual Reference 31-51-32 Page 1

**REASON FOR REVISION**

Aural warnings to CAA standard.

**ACTION**

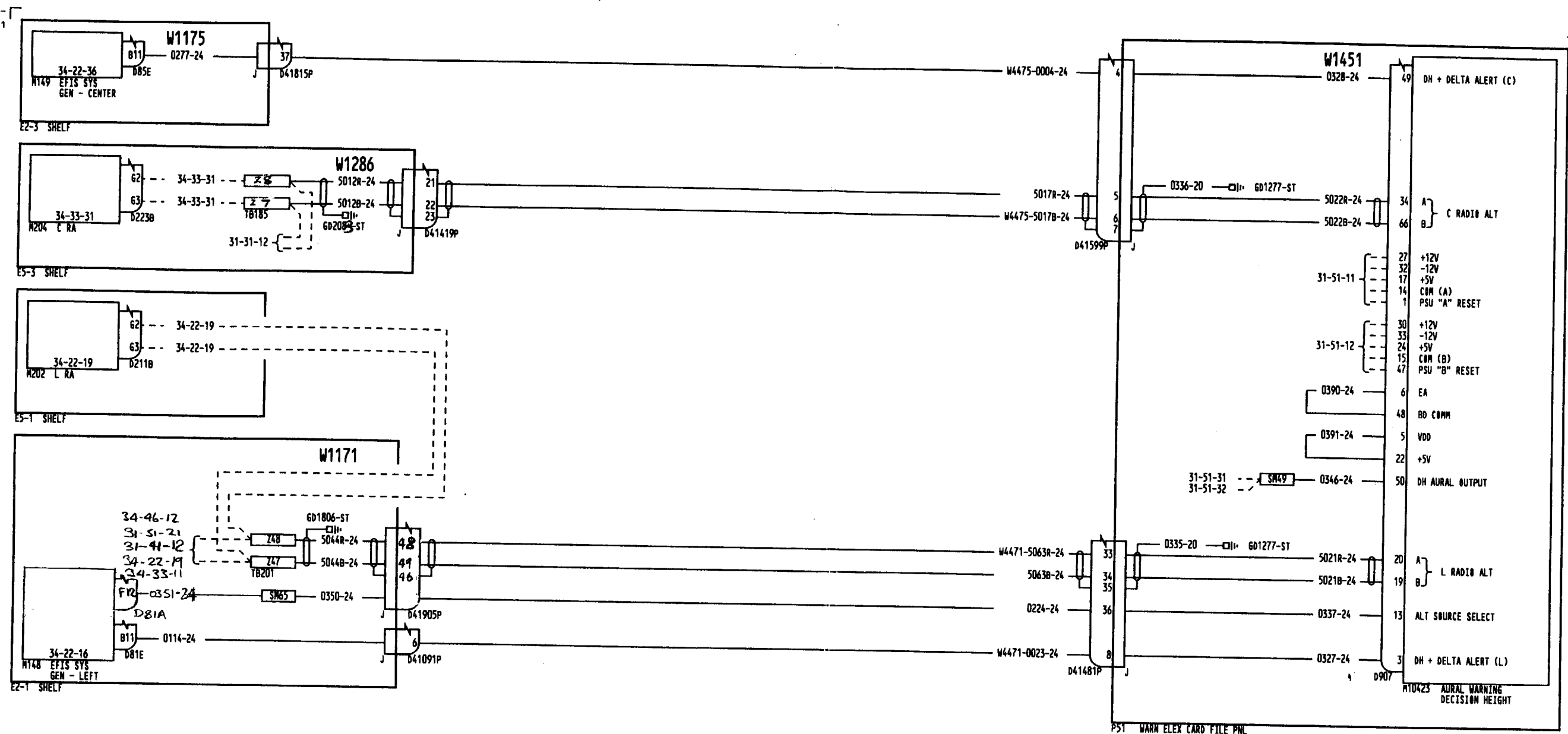
Read this TR in conjunction with Boeing pages. Additional wiring changes below.



Originator: R. Kinnell  
Reference: 31G097  
Workbook: SH 31-9

31-51-32  
Page 1





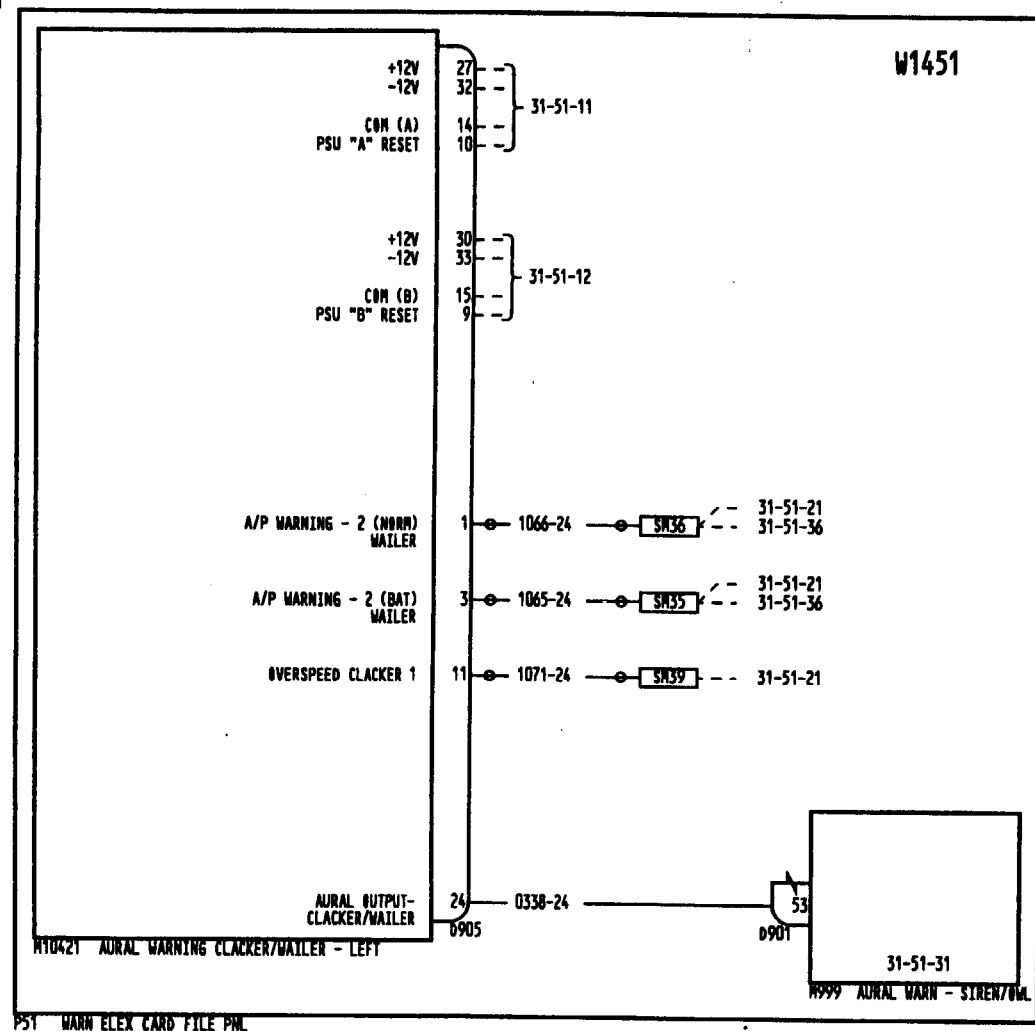
002

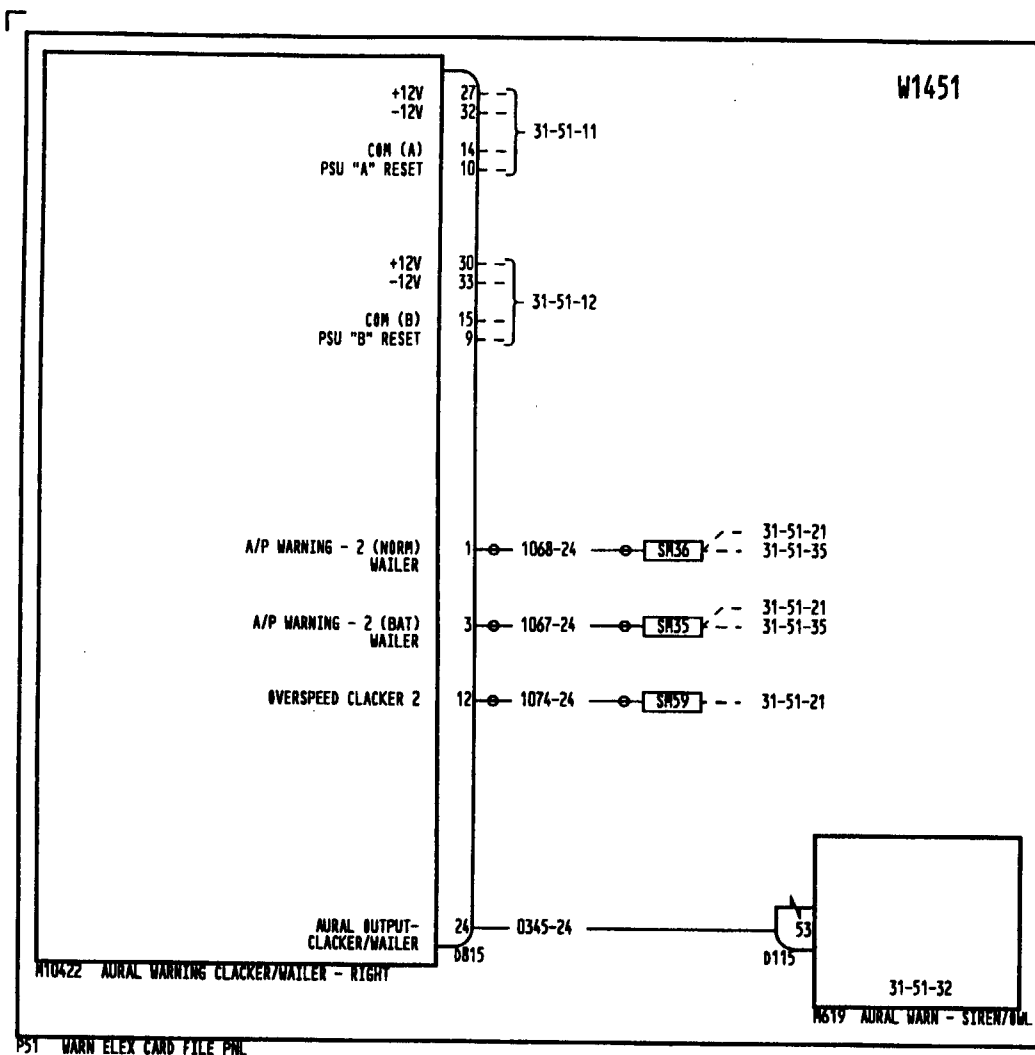
**AURAL WARNING -  
DECISION HEIGHT**

**31-51-34  
PAGE 3**

TEMPORARY REVISION No: 31-524  
WDM B757  
MANUAL REF. 31-51-34 PAGE 3  
Reason for Revision  
Mod 31G097  
TIS WR (31-9 SH)

**31-51-34  
PAGE 3**





**AURAL WARNING -  
CLACKER/WAILER - RIGHT**

**31-51-36  
PAGE 3**

TEMPORARY REVISION No: 31-527  
WDM B757  
MANUAL REF. 31-51-36 PAGE 3  
Reason for Revision  
Mod 31G097  
TIS WR (31-9 SH)

**31-51-36  
PAGE 3**

**CHAPTER**

**31**

**INDICATING /**

**RECORDING SYSTEMS**



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-EFFECTIVE PAGES		1 thru 2		Oct 09/2008	31-31-42 (cont.)		1.1		Jan 21/2005
31-CONTENTS							1.2		Jan 21/2005
R		1		Oct 09/2008	31-31-43		1		Jan 21/2005
		2		Dec 18/2007			1.1		Jan 21/2005
		3		Dec 18/2007			2		Jan 21/2005
		4		Dec 18/2007			2.1		Jan 21/2005
		5		Dec 18/2007			3		Jan 21/2005
		6		Dec 18/2007	31-31-44		1		Jan 21/2005
		7		Dec 18/2007					
		8		BLANK	31-31-51		1		Jan 21/2005
31-ALPHABETICAL INDEX		1		May 17/2006			1.1		Jan 21/2005
		2		Jan 21/2005	31-31-52		1		Jan 21/2005
31-25-11		1		Jan 21/2005	31-31-61		1		Jan 21/2005
		2		Dec 18/2007			1.1		Dec 18/2007
31-31-01		1		Jan 21/2005			1.2		Dec 18/2007
		1.1		Jan 21/2005			1.3	1	Dec 18/2007
		1.2		Jan 21/2005				2	Jan 21/2005
31-31-02		1		Jan 21/2005	31-31-62		1		Jan 21/2005
		1.1		Jan 21/2005			1.1		Jan 21/2005
31-31-11		1		Jan 21/2005	31-31-63		1		Jan 21/2005
31-31-12		1		Jan 21/2005	31-31-65		1		Jan 21/2005
31-31-13		1		Jan 21/2005			2		Jan 21/2005
31-31-21		1		Jan 21/2005			2.1		Jan 21/2005
R		1		Jan 21/2005	31-41-11		1	1	Jan 21/2005
		1.1		Oct 09/2008				2	Jan 21/2005
31-31-22		1		Jan 21/2005				3	Jan 21/2005
		1.1		Dec 18/2007			2	1	Jan 21/2005
31-31-23		1		Jan 21/2005				2	Jan 21/2005
31-31-31		1		Jan 21/2005				3	Jan 21/2005
31-31-32		1		Jan 21/2005	31-41-12		1		Jan 21/2005
31-31-41		1		Jan 21/2005			1.1		Jan 21/2005
		1		Jan 21/2005			2		Jan 21/2005
		1		Jan 21/2005	31-41-13		1		Dec 18/2007
		1.1		Dec 18/2007			2		Dec 18/2007
		1.2		Dec 18/2007	31-41-14		1		Jan 21/2005
		2		Jan 21/2005			1.1		Jan 21/2005
		2.1		Dec 18/2007			2		Jan 21/2005
		2.2	1	Dec 18/2007			2.1		Jan 21/2005
			2	Jan 21/2005			3		Jan 21/2005
31-31-42		1		Jan 21/2005			3.1		Jan 21/2005

A = Added, R = Revised, D = Deleted, O = Overflow

## 31-EFFECTIVE PAGES

Page 1  
Oct 09/2008

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-41-14 (cont.)		4		Jan 21/2005	31-51-21 (cont.)		1.2		Dec 18/2007
		4.1		Jan 21/2005			1.3		Dec 18/2007
		5		Jan 21/2005			2		Jan 21/2005
		5.1		Jan 21/2005			2.1		Dec 18/2007
31-41-19							3		Jan 21/2005
		1	1	Jan 21/2005			3.1		Dec 18/2007
			2	Jan 21/2005	31-51-31				
		1.1	1	Jan 21/2005			1		Jan 21/2005
			2	Jan 21/2005			1.1		Jan 21/2005
		2	1	Jan 21/2005			2		Jan 21/2005
			2	Jan 21/2005			2.1		Jan 21/2005
31-41-21							3		Jan 21/2005
		1	1	Jan 21/2005			3.1		Jan 21/2005
			2	Jan 21/2005			4		Jan 21/2005
			3	Jan 21/2005			4.1		Dec 18/2007
		2	1	Jan 21/2005	31-51-32				
			2	Jan 21/2005			1		Jan 21/2005
			3	Jan 21/2005			1.1		Jan 21/2005
31-41-22							2		Jan 21/2005
		1		Jan 21/2005			2.1		Jan 21/2005
		1.1		Jan 21/2005			3		Jan 21/2005
		2		Jan 21/2005			3.1		Dec 18/2007
31-41-23					31-51-33				
		1		Jan 21/2005			1		Jan 21/2005
		2		Jan 21/2005			1.1		Jan 21/2005
31-41-24							1.2		Jan 21/2005
		1		Jan 21/2005			2		Jan 21/2005
		1.1		Jan 21/2005			2.1		Dec 18/2007
		2		Jan 21/2005	31-51-34				
							1		Jan 21/2005
							2		Jan 21/2005
					31-51-35				
							1		Jan 21/2005
							2		Jan 21/2005
							2.1		Dec 18/2007
					31-51-36				
							1		Jan 21/2005
31-41-34							2		Jan 21/2005
		1		Jan 21/2005			2.1		Dec 18/2007
31-51-11					31-51-41				
		1		Jan 21/2005			1		Jan 21/2005
		2		Jan 21/2005			1.1		Jan 21/2005
		3		Jan 21/2005			1.2		Jan 21/2005
		3.1		Dec 18/2007			2		Jan 21/2005
31-51-12					31-51-42				
		1		Jan 21/2005			1		Jan 21/2005
		2		Jan 21/2005			1.1		Jan 21/2005
		3		Jan 21/2005			2		Jan 21/2005
		3.1		Dec 18/2007	31-51-43				
31-51-21							1		Jan 21/2005
		1		Jan 21/2005					
		1.1		Dec 18/2007					

A = Added, R = Revised, D = Deleted, O = Overflow

**31-EFFECTIVE PAGES**

D280N032

Page 2  
Oct 09/2008



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<b><u>CLOCKS</u></b>						
ELECTRONIC CLOCKS	31-25-11		1		Jan 21/2005	001-099
			2		Dec 18/2007	115-199
<b><u>FLIGHT DATA RECORDER SYSTEM</u></b>						
FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 1	31-31-01		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-002
			1.2		Jan 21/2005	010-011
FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 2	31-31-02		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	010-011
DIGITAL FLIGHT RECORDER SYSTEM	31-31-11		1		Jan 21/2005	115-199
DIGITAL FLIGHT RECORDER SYSTEM AND TEST PLUG	31-31-12		1		Jan 21/2005	115-199
DIGITAL FLIGHT RECORDER SYSTEM AND RELAY PANEL	31-31-13		1		Jan 21/2005	115-199
DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND SWITCHING RELAY	31-31-21		1		Jan 21/2005	115-199
			1.1		Oct 09/2008	115
DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND SHELVES	31-31-22		1		Jan 21/2005	115-199
			1.1		Dec 18/2007	115
DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND EEC - L, EEC - R	31-31-23		1		Jan 21/2005	115-199
DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 2 AND LEFT WHEEL WELL	31-31-31		1		Jan 21/2005	115-199
DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 2 AND SHELVES	31-31-32		1		Jan 21/2005	115-199

## 31-CONTENTS

Page 1  
Oct 09/2008

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 1	31-31-41		1		Jan 21/2005	001-002
			1.1		Dec 18/2007	001
			1.2		Dec 18/2007	002
			2		Jan 21/2005	003-099
			2.1		Dec 18/2007	003-009
			2.2	1	Dec 18/2007	010-011
				2	Jan 21/2005	010-011
FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 2	31-31-42		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	002
			1.2		Jan 21/2005	010-011
FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 3	31-31-43		1		Jan 21/2005	001-002
			1.1		Jan 21/2005	002
			2		Jan 21/2005	003-008 010-099
			2.1		Jan 21/2005	010-011
			3		Jan 21/2005	009
FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 4	31-31-44		1		Jan 21/2005	001-099
FLIGHT DATA RECORDER SYSTEM-ANALOG INTERFACE GROUP 1	31-31-51		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	010-011
FLIGHT DATA RECORDER SYSTEM-ANALOG INTERFACE GROUP 2	31-31-52		1		Jan 21/2005	001-099
FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 1	31-31-61		1		Jan 21/2005	001-099
			1.1		Dec 18/2007	001-002
			1.2		Dec 18/2007	003-009
			1.3	1	Dec 18/2007	010-011
				2	Jan 21/2005	010-011

## 31-CONTENTS

Page 2  
Dec 18/2007

D280N032





757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 2	31-31-62		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-002
FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 3	31-31-63		1		Jan 21/2005	001-099
FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 5	31-31-65		1		Jan 21/2005	001
			2		Jan 21/2005	002-099
			2.1		Jan 21/2005	010-011
<b>ENGINE INDICATION AND CREW ALERTING SYSTEM (EICAS)</b>						
EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER	31-41-11		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
				3	Jan 21/2005	001-099
EICAS COMPUTER - OUTPUTS AND POWER - UPPER DISPLAY UNIT	31-41-11		2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
				3	Jan 21/2005	115-199
EICAS COMPUTER - LEFT DATA INPUTS	31-41-12		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-011
			2		Jan 21/2005	115-199
EICAS COMPUTER - LEFT DATA OUTPUT BUSSES	31-41-13		1		Dec 18/2007	001-099
			2		Dec 18/2007	115-199
EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS	31-41-14		1		Jan 21/2005	001
			1.1		Jan 21/2005	001
			2		Jan 21/2005	002-003 005 010-099
			2.1		Jan 21/2005	002-003 005 010-011
			3		Jan 21/2005	004 006-008
			3.1		Jan 21/2005	004 006-008

## 31-CONTENTS

Page 3  
Dec 18/2007

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS (cont.)	31-41-14		4		Jan 21/2005	009
			4.1		Jan 21/2005	009
			5		Jan 21/2005	115-199
			5.1		Jan 21/2005	115
EICAS COMPUTER - DISPLAY SELECT PANEL	31-41-19		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			1.1	1	Jan 21/2005	001-002
				2	Jan 21/2005	001-002
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER	31-41-21		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
				3	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
				3	Jan 21/2005	115-199
EICAS COMPUTER - RIGHT DATA INPUTS	31-41-22		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	002
			2		Jan 21/2005	115-199
EICAS COMPUTER - RIGHT DATA OUTPUT BUSSES	31-41-23		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS	31-41-24		1		Jan 21/2005	001
			1.1		Jan 21/2005	001
			2		Jan 21/2005	002-003 005 010-099
			2.1		Jan 21/2005	002-003 005 010-011
			3		Jan 21/2005	004 006-008

## 31-CONTENTS

Page 4  
Dec 18/2007

D280N032



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS (cont.)	31-41-24		3.1		Jan 21/2005	004 006-008
			4		Jan 21/2005	009
			4.1		Jan 21/2005	009
			5		Jan 21/2005	115-199
			5.1		Jan 21/2005	115
EICAS COMPUTER DISPLAY UNIT OUTPUTS AND POWER SUPPL PROGRAM PINS	31-41-34		1		Jan 21/2005	ALL
<b><u>WARNING SYSTEM</u></b>						
WEU POWER SUPPLY MDL A	31-51-11		1		Jan 21/2005	001-008 010-099
			2		Jan 21/2005	009
			3		Jan 21/2005	115-199
			3.1		Dec 18/2007	115
WEU POWER SUPPLY MDL B	31-51-12		1		Jan 21/2005	001-008 010-099
			2		Jan 21/2005	009
			3		Jan 21/2005	115-199
			3.1		Dec 18/2007	115
WEU MASTER WARNING	31-51-21		1		Jan 21/2005	001-008 010-099
			1.1		Dec 18/2007	001
			1.2		Dec 18/2007	002
			1.3		Dec 18/2007	003-008 010-011
			2		Jan 21/2005	009
			2.1		Dec 18/2007	009
			3		Jan 21/2005	115-199
			3.1		Dec 18/2007	115
AURAL WARNING - SIREN/ OWL - LEFT	31-51-31		1		Jan 21/2005	001-008
			1.1		Jan 21/2005	001-008
			2		Jan 21/2005	009
			2.1		Jan 21/2005	009
			3		Jan 21/2005	010-099
			3.1		Jan 21/2005	010-011

## 31-CONTENTS

Page 5  
Dec 18/2007

D280N032



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
AURAL WARNING - SIREN/ OWL - LEFT (cont.)	31-51-31		4		Jan 21/2005	115-199
			4.1		Dec 18/2007	115
AURAL WARNING - SIREN/ OWL - RIGHT	31-51-32		1		Jan 21/2005	001-008 010-099
			1.1		Jan 21/2005	001-008 010-011
			2		Jan 21/2005	009
			2.1		Jan 21/2005	009
			3		Jan 21/2005	115-199
			3.1		Dec 18/2007	115
AURAL WARNING - BELL/ CHIME	31-51-33		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-002
			1.2		Jan 21/2005	003-011
			2		Jan 21/2005	115-199
			2.1		Dec 18/2007	115
AURAL WARNING - DECISION HEIGHT	31-51-34		1		Jan 21/2005	009
			2		Jan 21/2005	115-199
AURAL WARNING - CLACKER/WAILER - LEFT	31-51-35		1		Jan 21/2005	009
			2		Jan 21/2005	115-199
			2.1		Dec 18/2007	115
AURAL WARNING - CLACKER/WAILER - RIGHT	31-51-36		1		Jan 21/2005	009
			2		Jan 21/2005	115-199
			2.1		Dec 18/2007	115
TAKE-OFF CONFIGURATION WARNING	31-51-41		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001
			1.2		Jan 21/2005	002
			2		Jan 21/2005	115-199
LANDING CONFIGURATION WARNING	31-51-42		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	002
			2		Jan 21/2005	115-199

## 31-CONTENTS

Page 6  
Dec 18/2007

D280N032



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
WEU CONFIGURATION WARNING - SPEEDBRAKES	31-51-43		1		Jan 21/2005	ALL

## 31-CONTENTS

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 7  
Dec 18/2007



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

CH-SC-SU	Title
31-51-33	AURAL WARNING - BELL/CHIME
31-51-35	AURAL WARNING - CLACKER/WAILER - LEFT
31-51-36	AURAL WARNING - CLACKER/WAILER - RIGHT
31-51-34	AURAL WARNING - DECISION HEIGHT
31-51-31	AURAL WARNING - SIREN/OWL - LEFT
31-51-32	AURAL WARNING - SIREN/OWL - RIGHT
31-31-11	DIGITAL FLIGHT RECORDER SYSTEM
31-31-13	DIGITAL FLIGHT RECORDER SYSTEM AND RELAY PANEL
31-31-12	DIGITAL FLIGHT RECORDER SYSTEM AND TEST PLUG
31-31-23	DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND EEC - L, EEC - R
31-31-22	DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND SHELVES
31-31-21	DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 1 AND SWITCHING RELAY
31-31-31	DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 2 AND LEFT WHEEL WELL
31-31-32	DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 2 AND SHELVES
31-41-19	EICAS COMPUTER - DISPLAY SELECT PANEL
31-41-12	EICAS COMPUTER - LEFT DATA INPUTS
31-41-13	EICAS COMPUTER - LEFT DATA OUTPUT BUSSES
31-41-11	EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER
31-41-14	EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS
31-41-22	EICAS COMPUTER - RIGHT DATA INPUTS
31-41-23	EICAS COMPUTER - RIGHT DATA OUTPUT BUSSES
31-41-21	EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER
31-41-24	EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS
31-41-34	EICAS COMPUTER DISPLAY UNIT OUTPUTS AND POWER SUPPL PROGRAM PINS
31-25-11	ELECTRONIC CLOCKS
31-31-01	FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 1
31-31-02	FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 2
31-31-51	FLIGHT DATA RECORDER SYSTEM-ANALOG INTERFACE GROUP 1

## 31-ALPHABETICAL INDEX

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 1  
May 17/2006



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 31 INDICATING / RECORDING SYSTEMS

CH-SC-SU	Title
31-31-52	FLIGHT DATA RECORDER SYSTEM-ANALOG INTERFACE GROUP 2
31-31-41	FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 1
31-31-42	FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 2
31-31-43	FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 3
31-31-44	FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 4
31-31-61	FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 1
31-31-62	FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 2
31-31-63	FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 3
31-31-65	FLIGHT DATA RECORDER SYSTEM-DISCRETE INTERFACE GROUP 5
31-51-42	LANDING CONFIGURATION WARNING
31-51-41	TAKE-OFF CONFIGURATION WARNING
31-51-43	WEU CONFIGURATION WARNING - SPEEDBRAKES
31-51-21	WEU MASTER WARNING
31-51-11	WEU POWER SUPPLY MDL A
31-51-12	WEU POWER SUPPLY MDL B

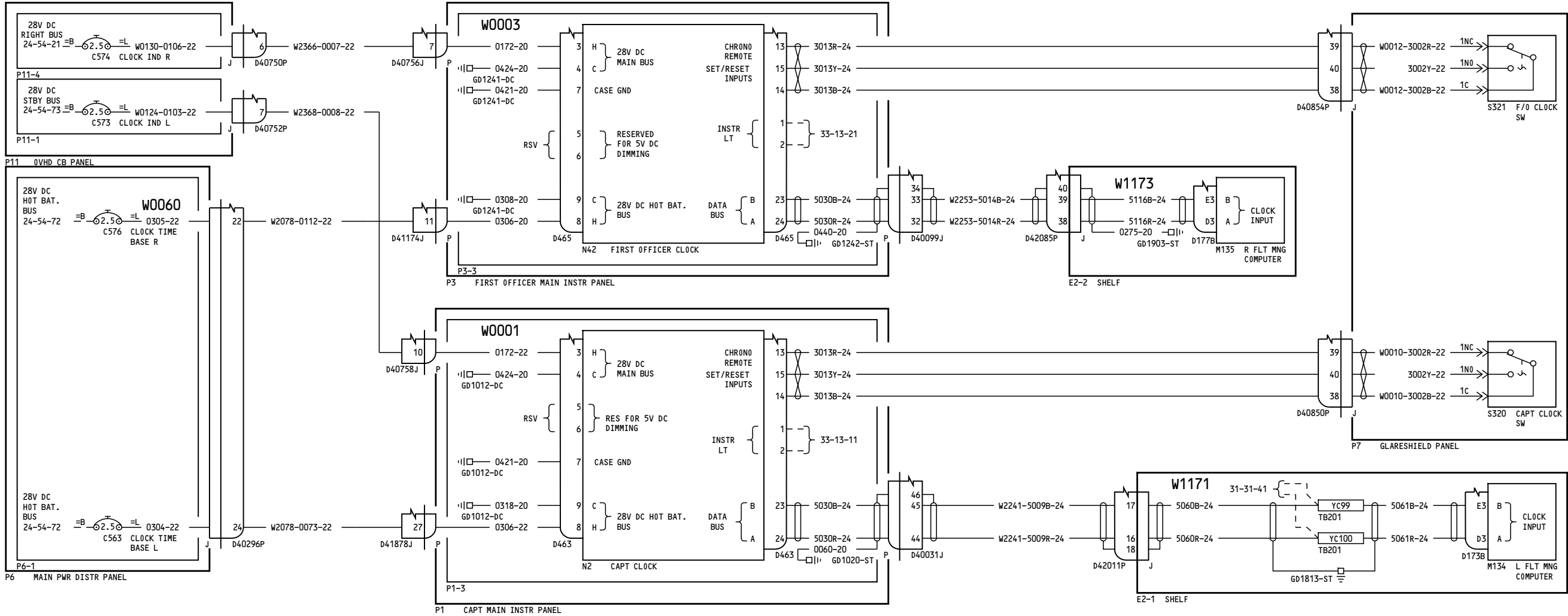
## 31-ALPHABETICAL INDEX

D280N032

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 2  
Jan 21/2005

13



001-099

ELECTRONIC CLOCKS

D280N032

31-25-11

Page 1

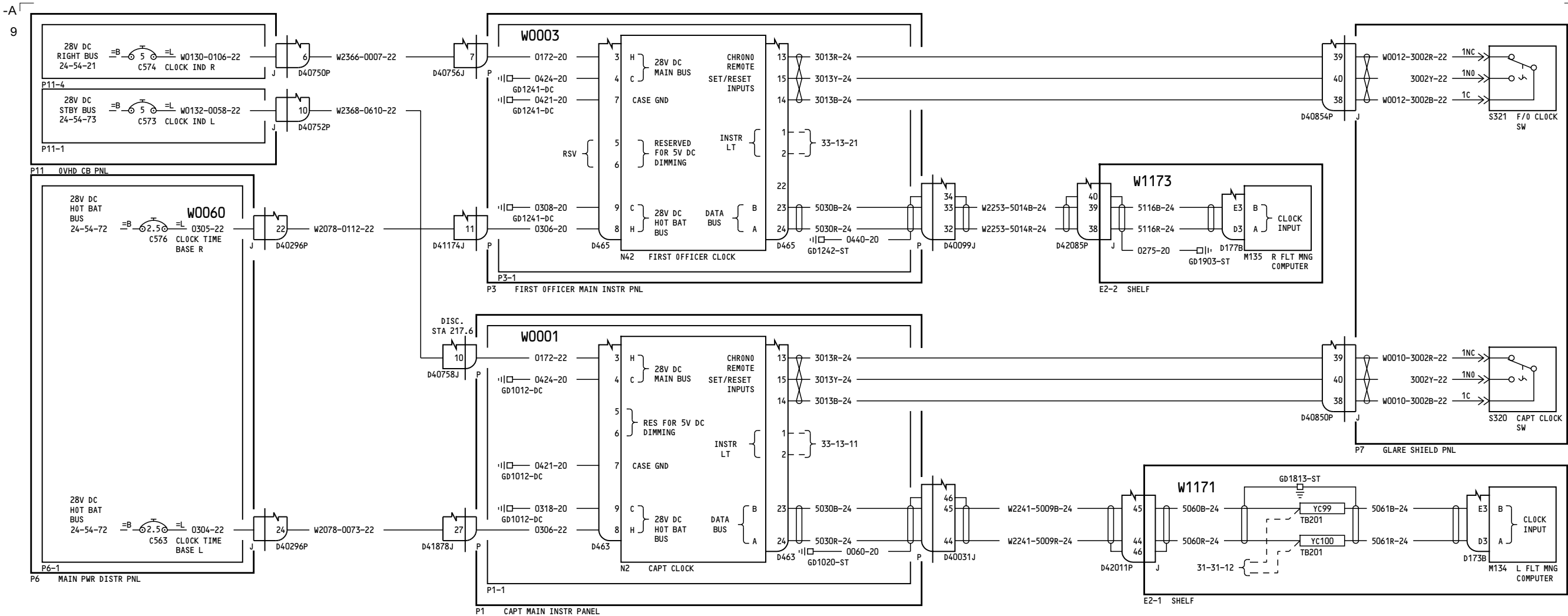
Jan 21/2005

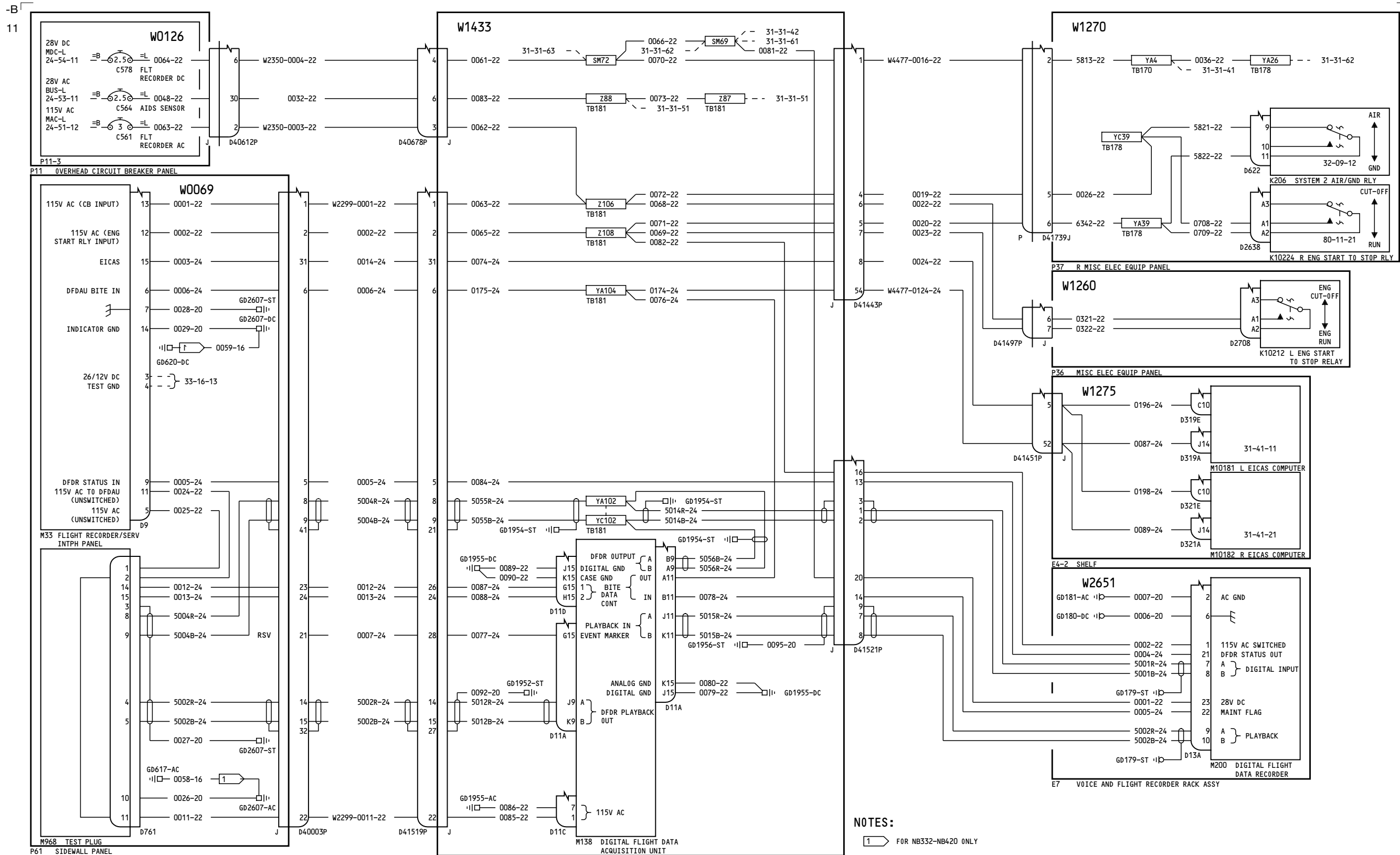
31-25-11

Page 1

Jan 21/2005







001-099

## FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 1

31-31-01

Page 1

D280N032

Jan 21/2005

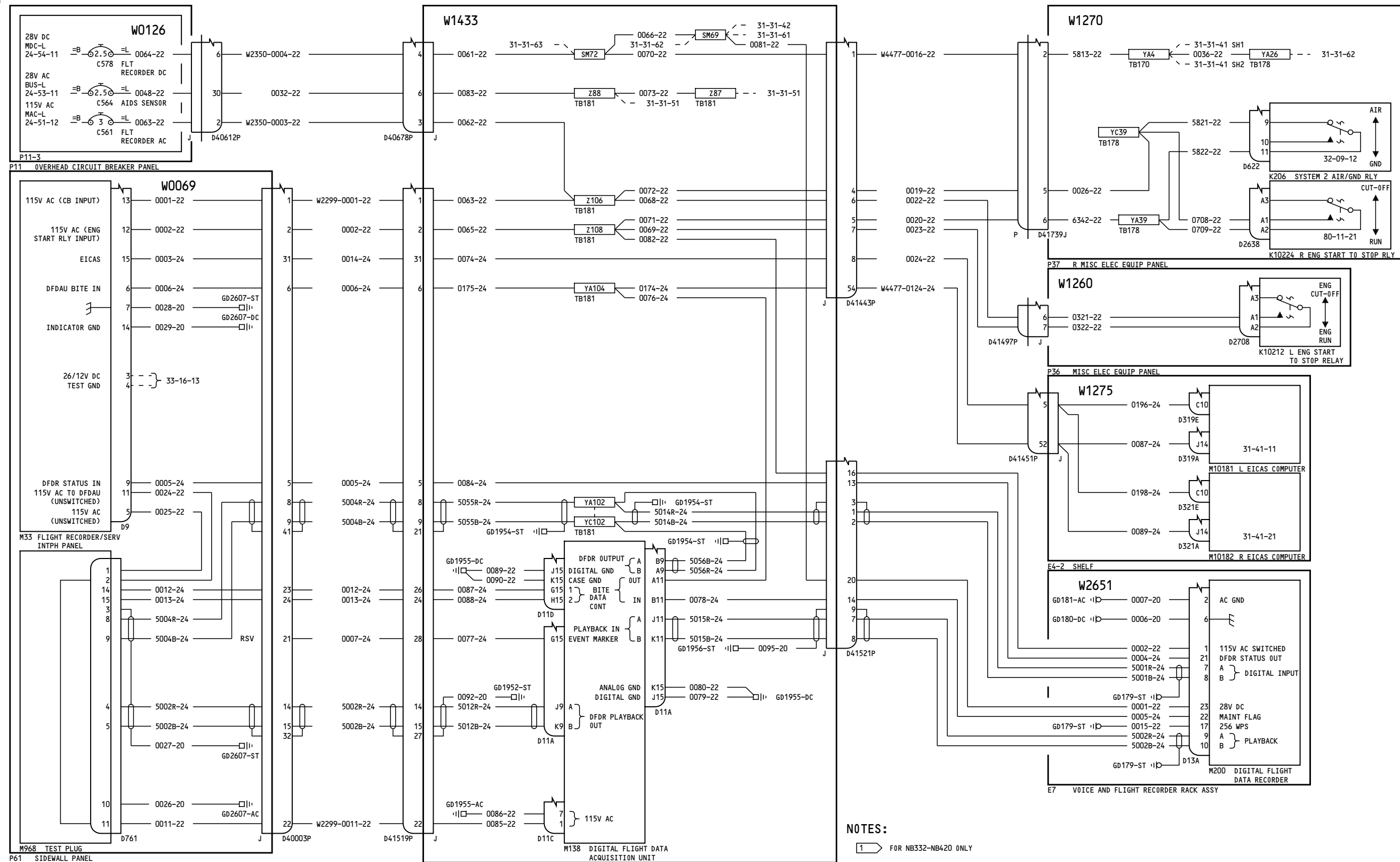
31-31-01

Page 1

Jan 21/2005



129



010-011

## FLIGHT DATA RECORDER SYSTEM - INTERCONNECT GROUP 1

31-31-01

Page 1.2

Jan 21/2005

D280N032

Incorporates  
31-0094

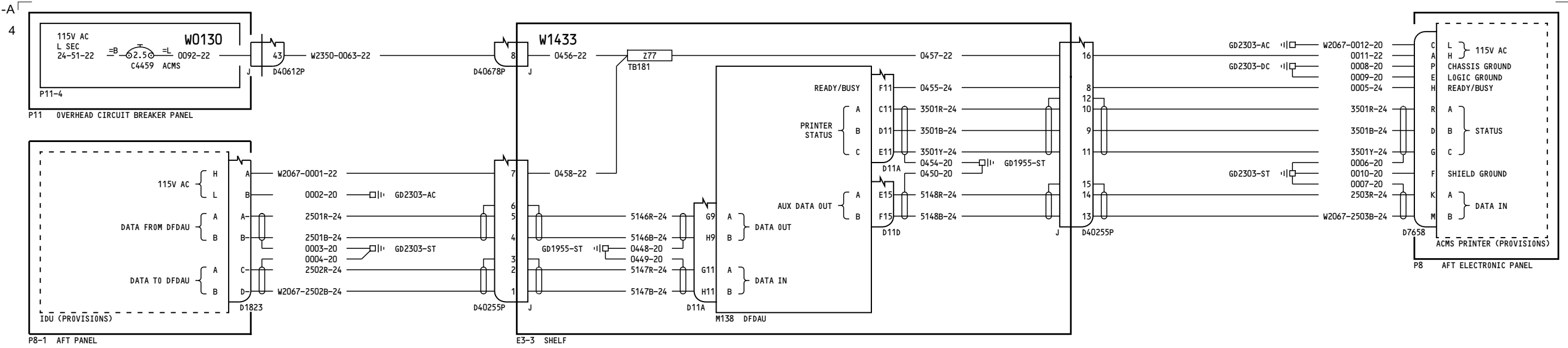
31-31-01

Page 1.2

Jan 21/2005



757-200 WIRING DIAGRAM MANUAL



001-099

FLIGHT DATA RECORDER  
SYSTEM - INTERCONNECT  
GROUP 2

D280N032

31-31-02

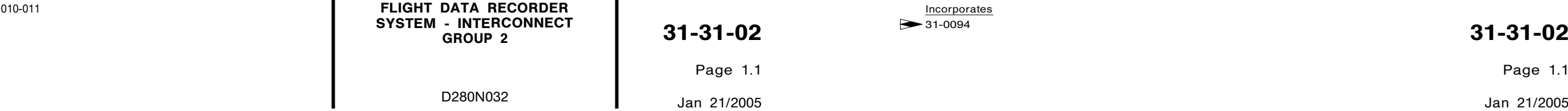
Page 1

Jan 21/2005

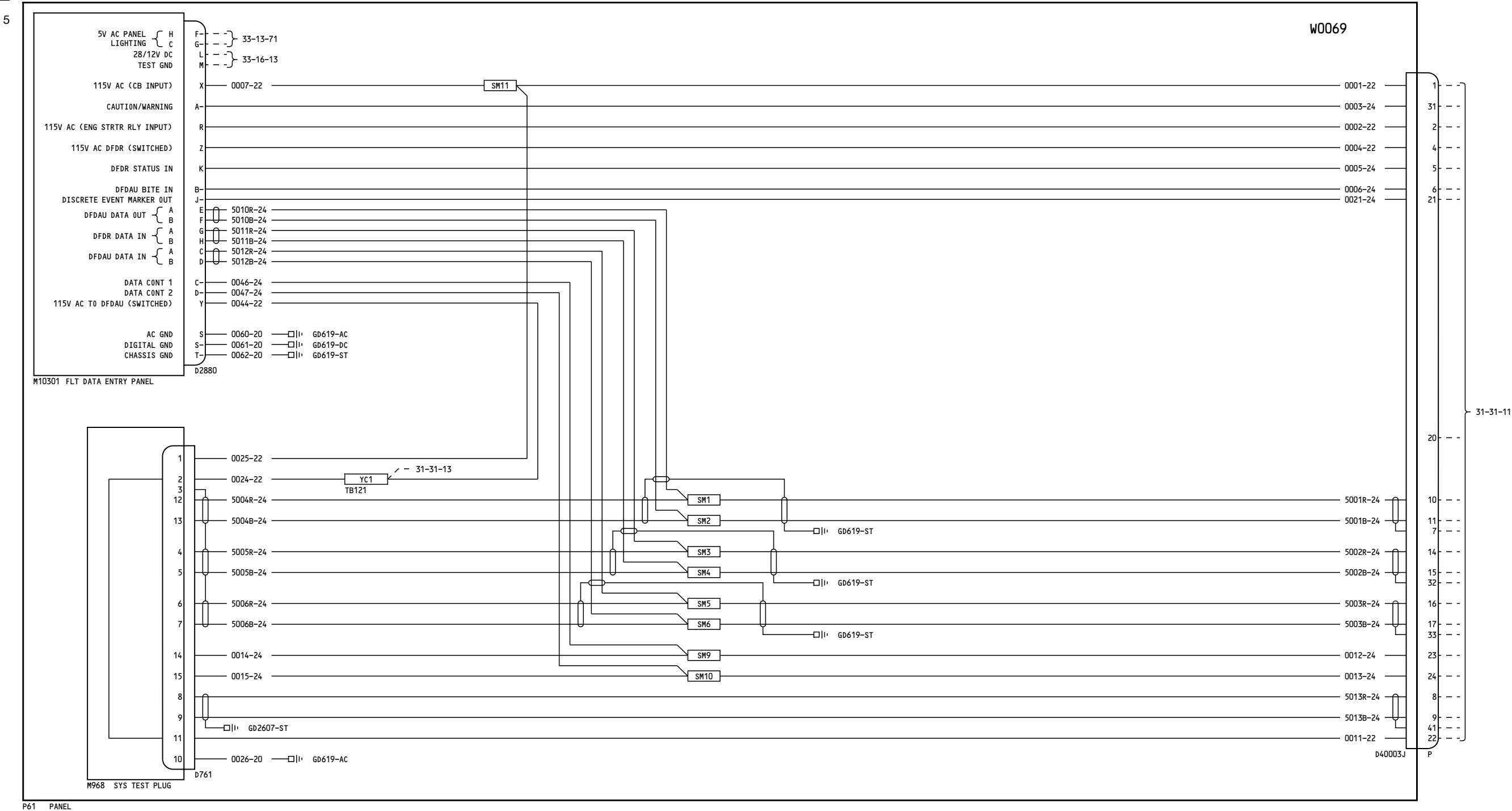
31-31-02

Page 1

Jan 21/2005



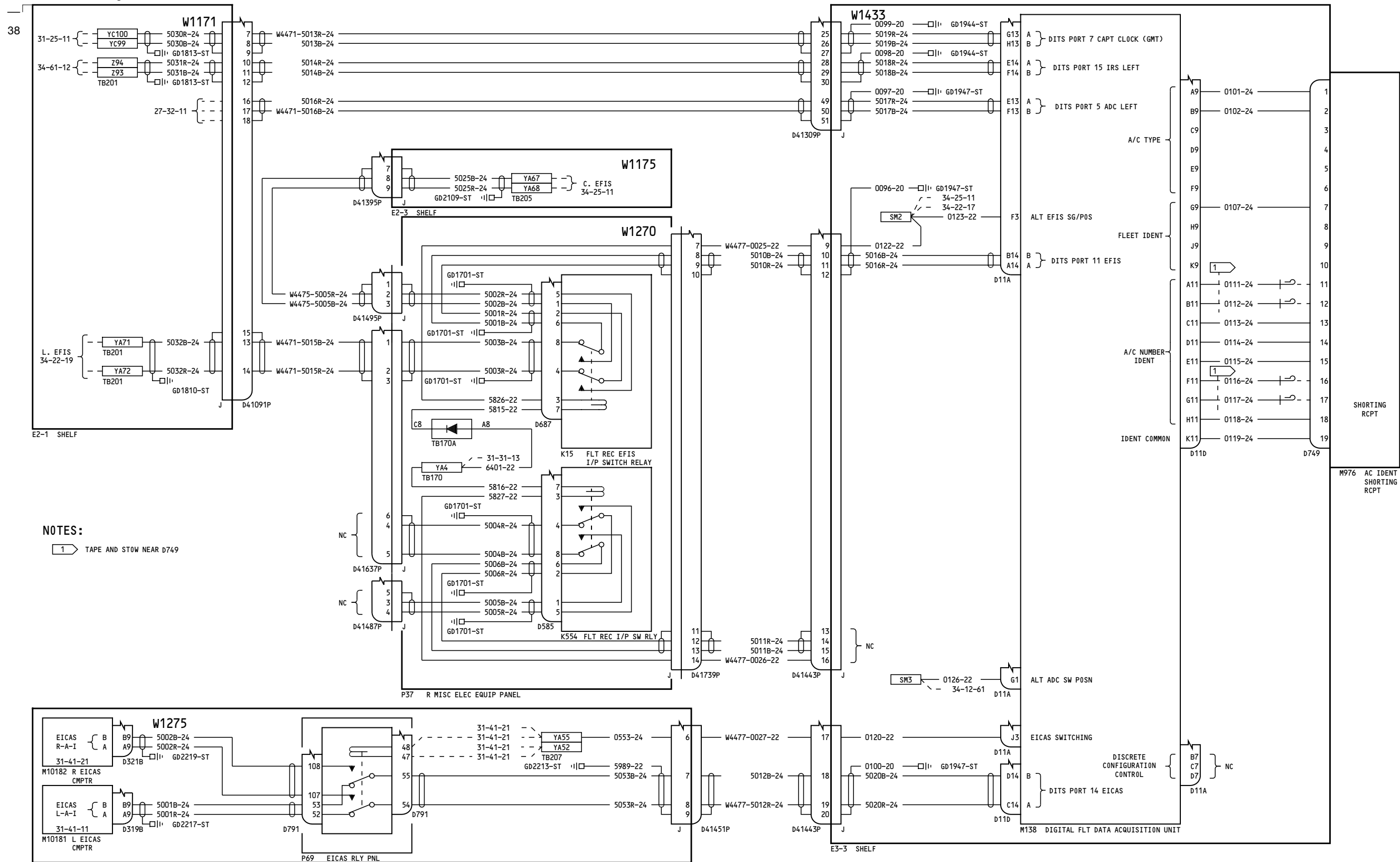


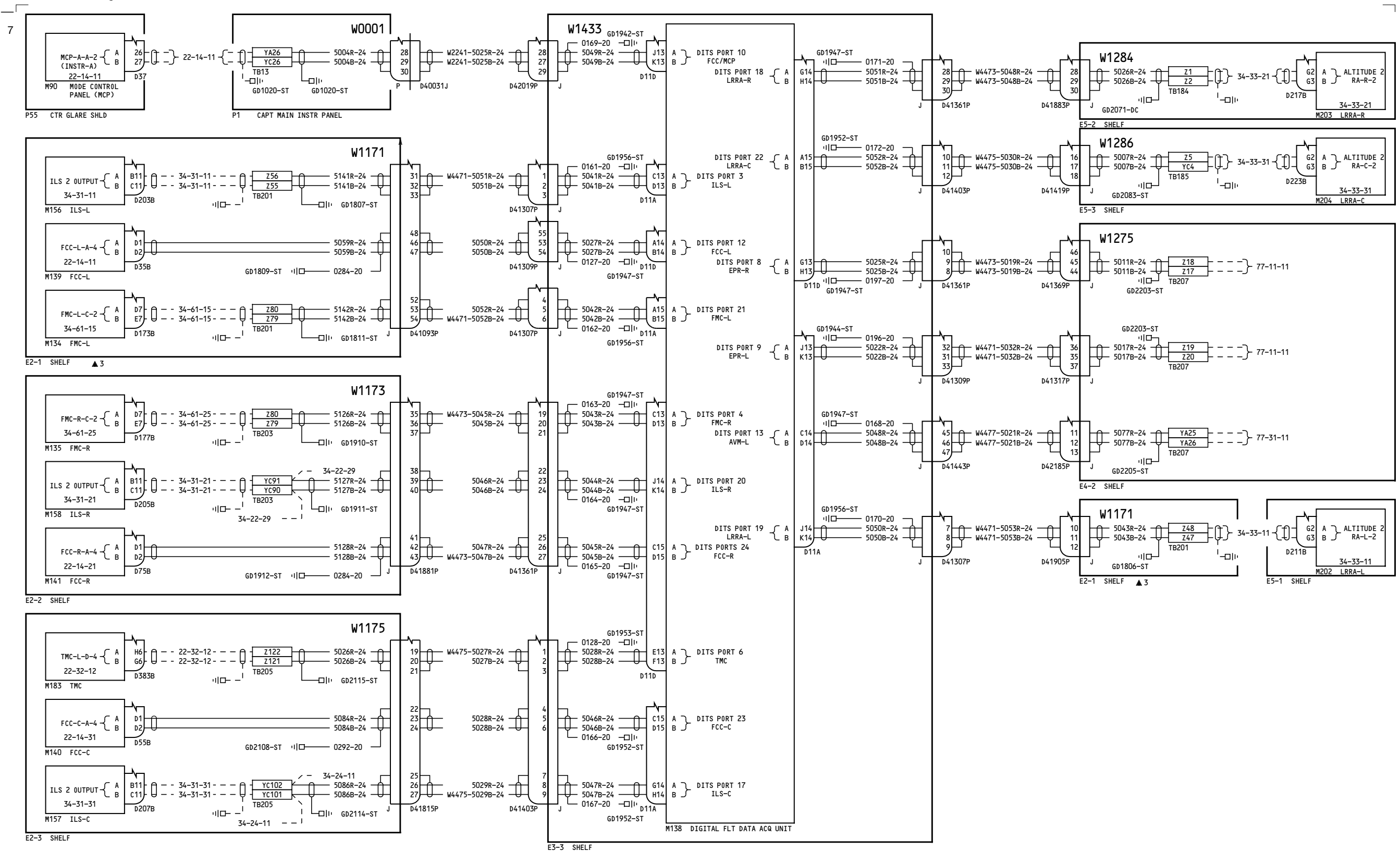


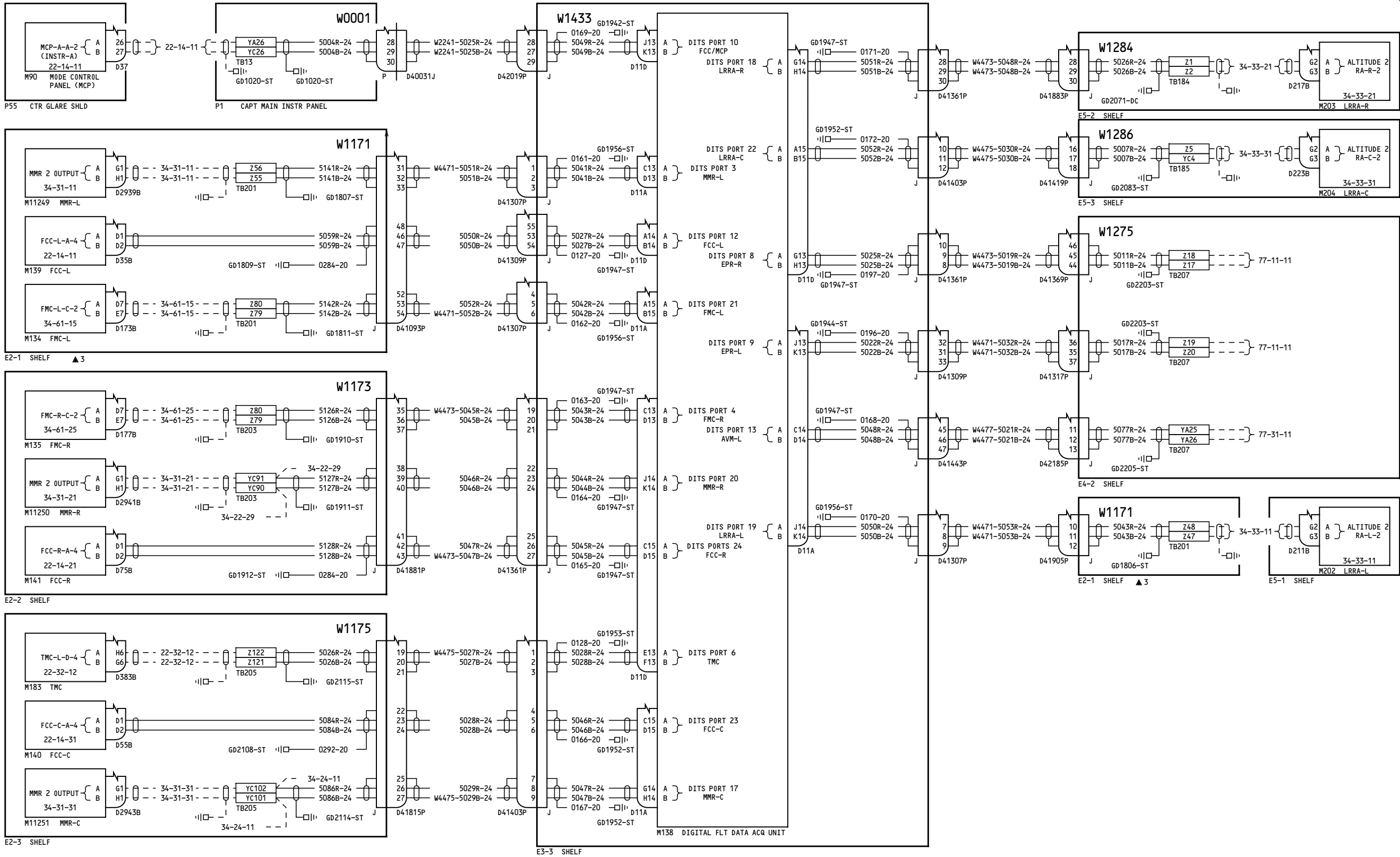


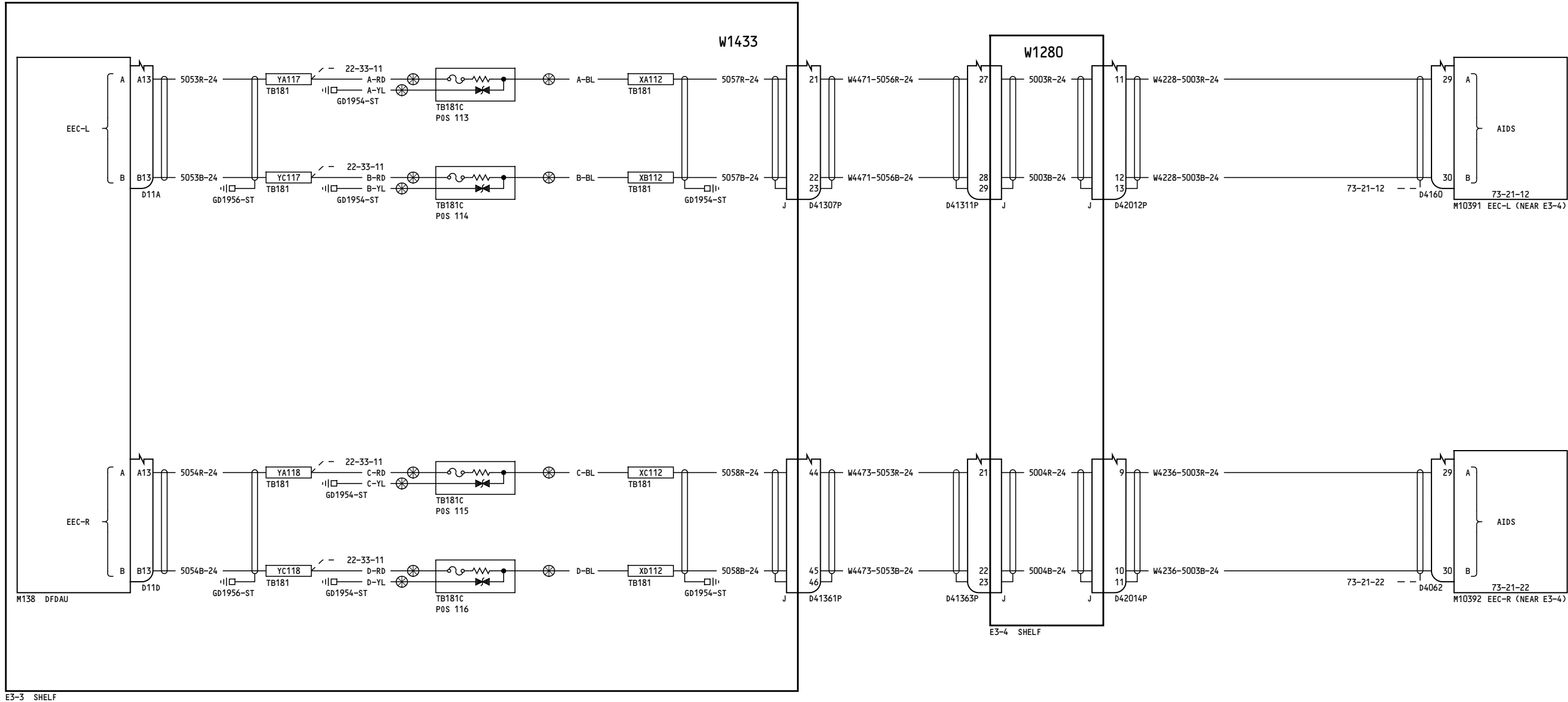




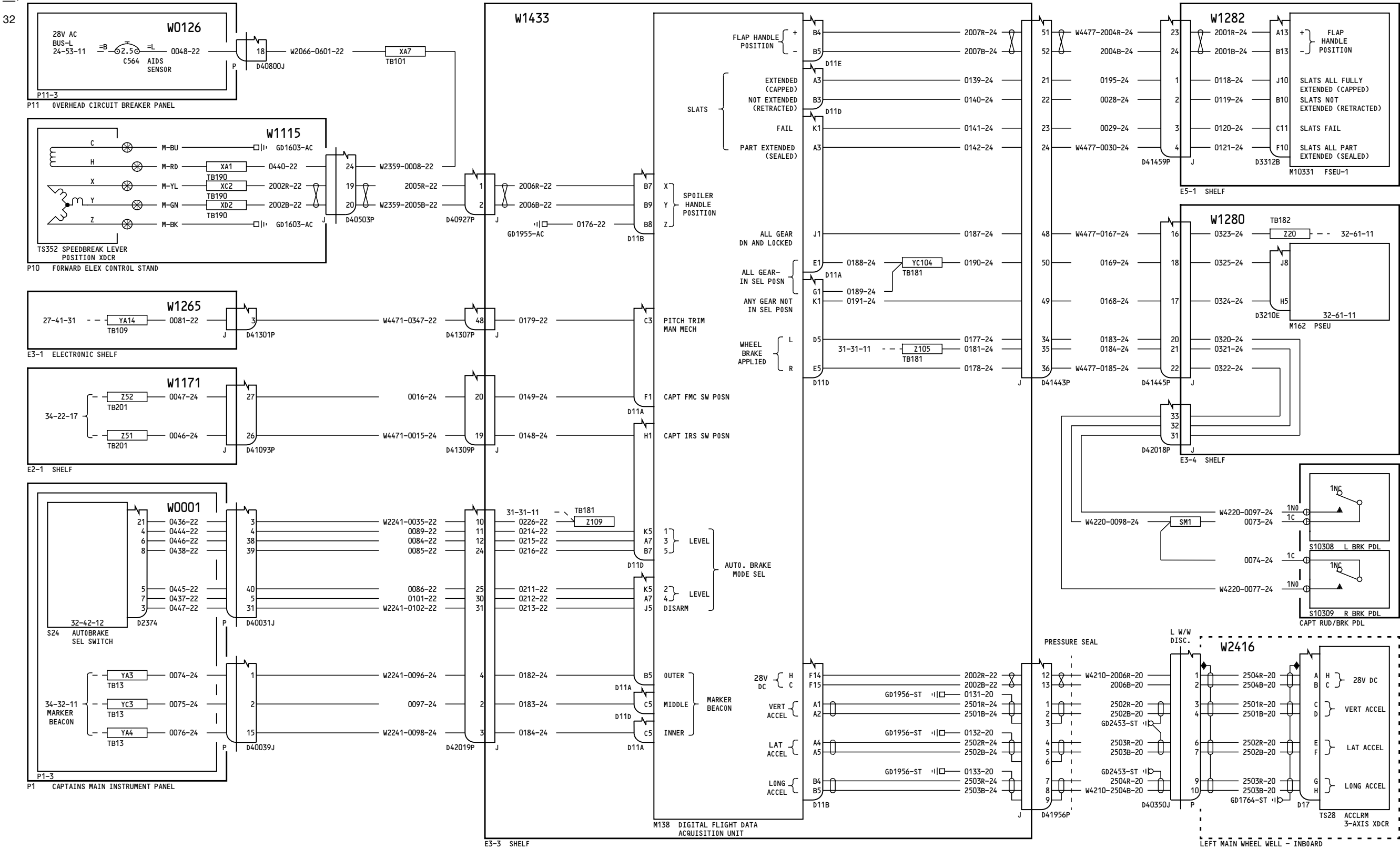


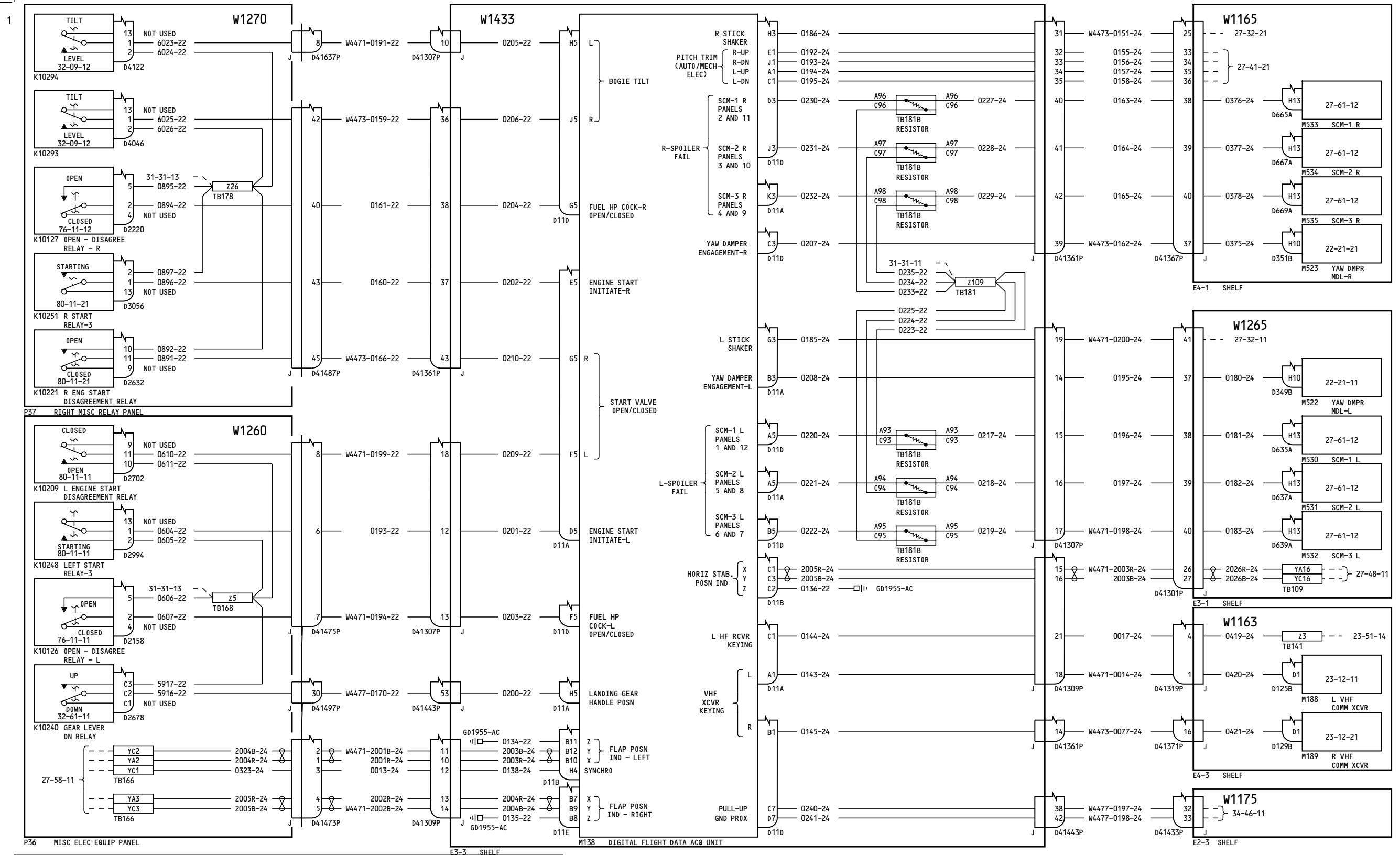






E3-3 SHELF





115-199

## DIGITAL FLIGHT RECORDER SYSTEM PARAMETERS GROUP 2 AND SHELVES

### 31-31-32

Page 1

D280N032

Jan 21/2005

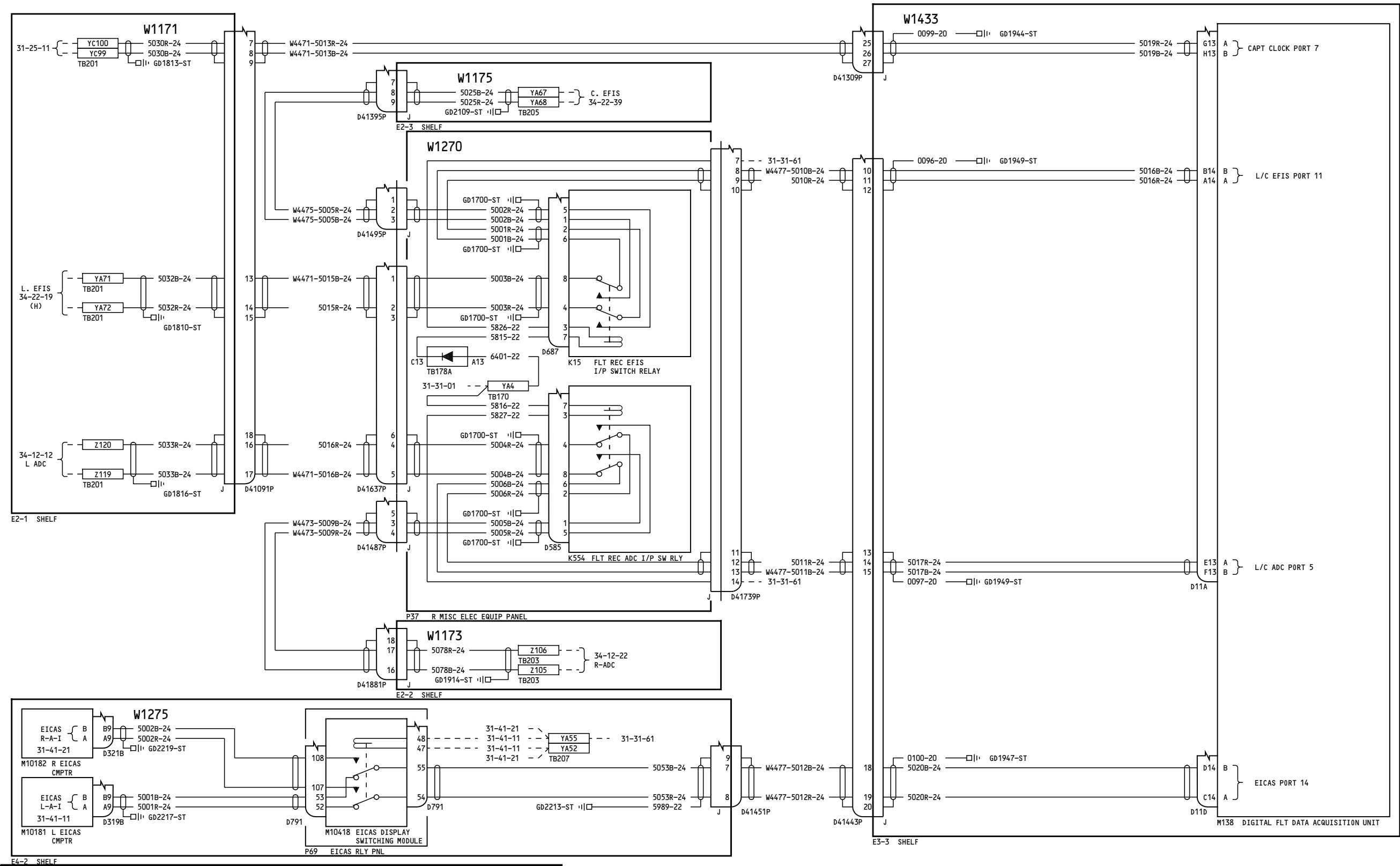
### 31-31-32

Page 1

Jan 21/2005



-A  
9



001-002

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 1**

D280N032

**31-31-41**

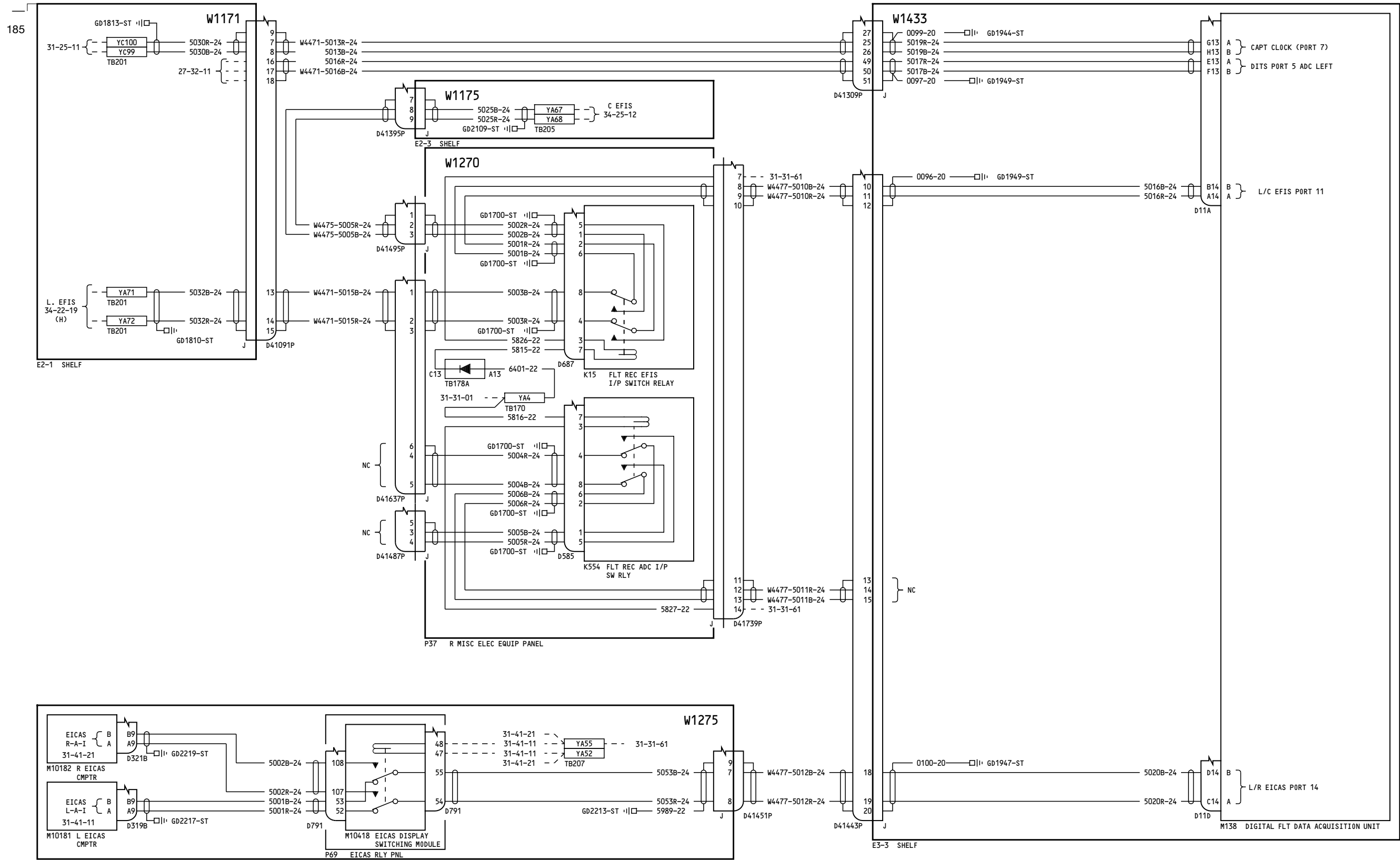
Page 1

Jan 21/2005

**31-31-41**

Page 1

Jan 21/2005



001

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 1**

**31-31-41**

Page 1.1

D280N032

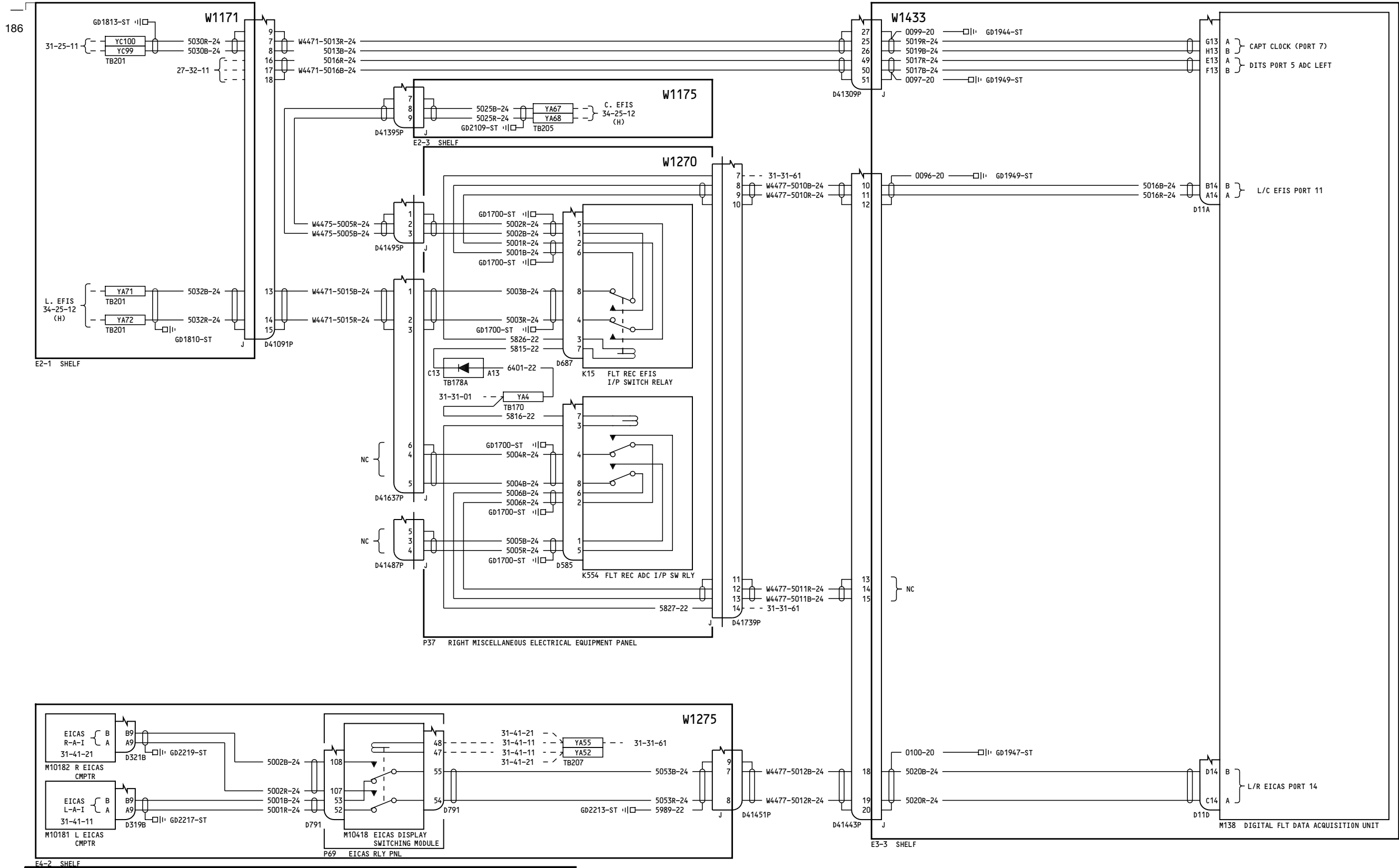
Dec 18/2007

Incorporates  
34A0222

**31-31-41**

Page 1.1

Dec 18/2007



**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 1**

**31-31-41**

Page 1.2

D280N032

Dec 18/2007

Incorporates  
34-0200  
34A0222

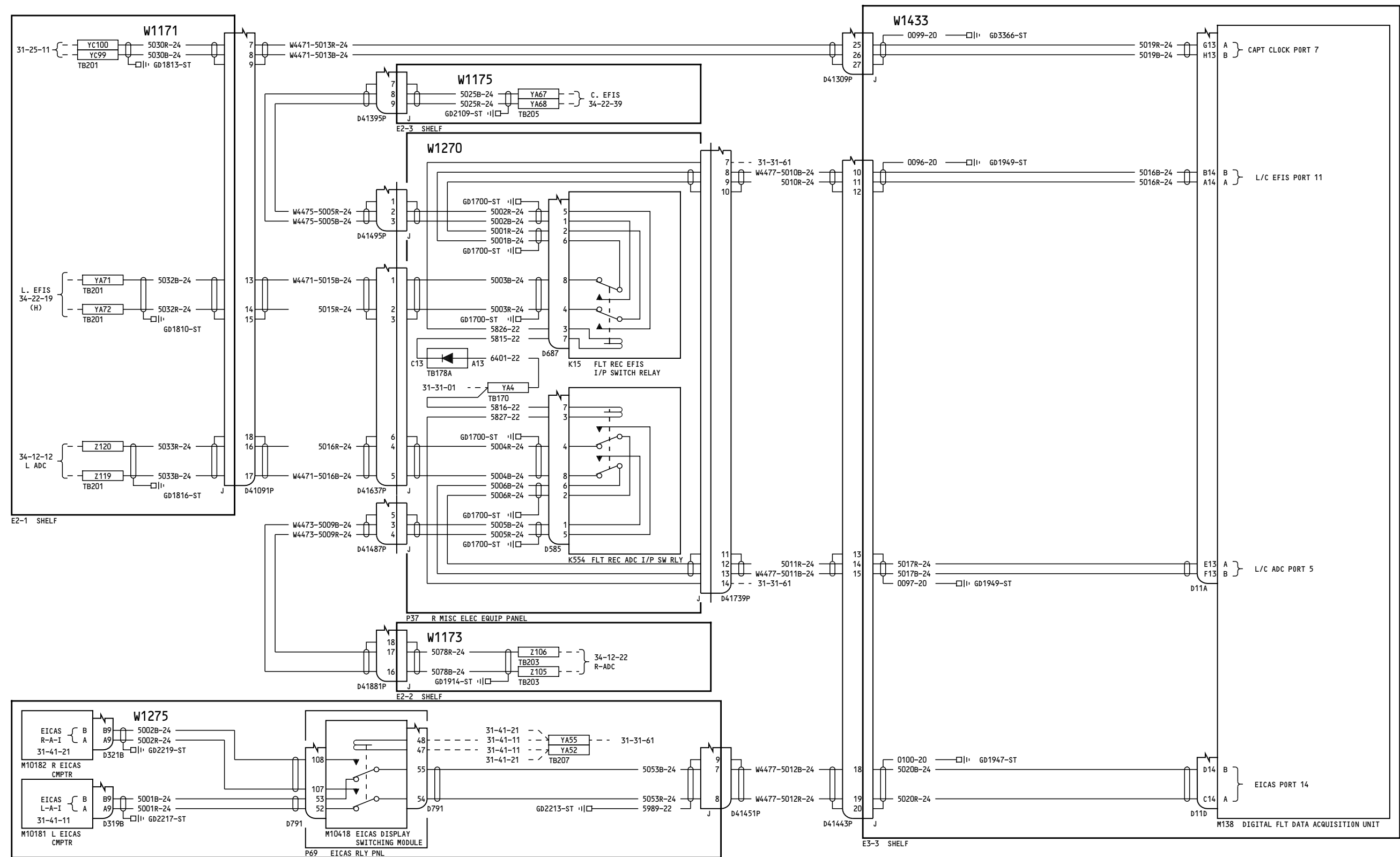
**31-31-41**

Page 1.2

Dec 18/2007

-A

21



003-099

## FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 1

D280N032

### 31-31-41

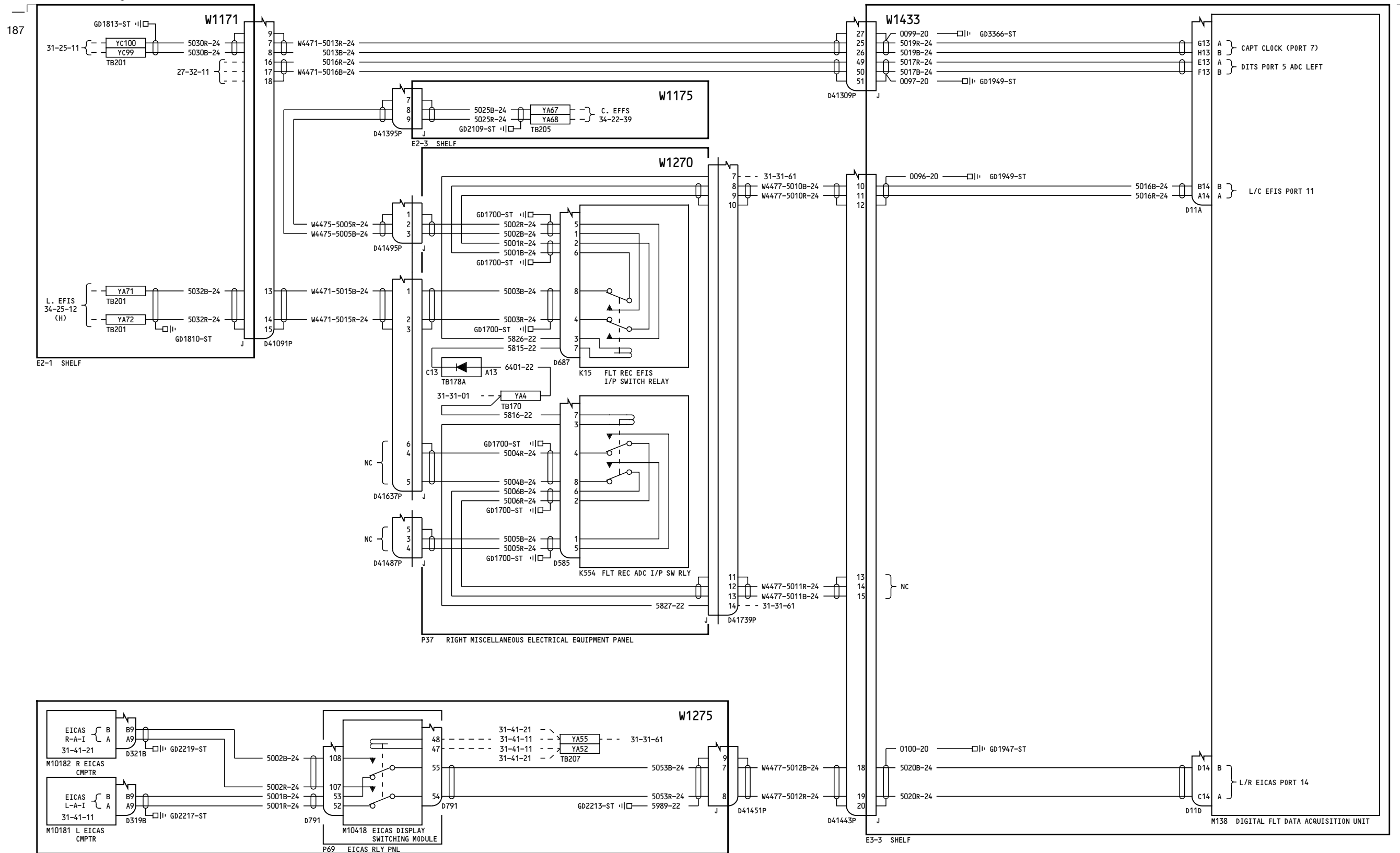
Page 2

Jan 21/2005

### 31-31-41

Page 2

Jan 21/2005



003-009

## FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 1

D280N032

### 31-31-41

Page 2.1

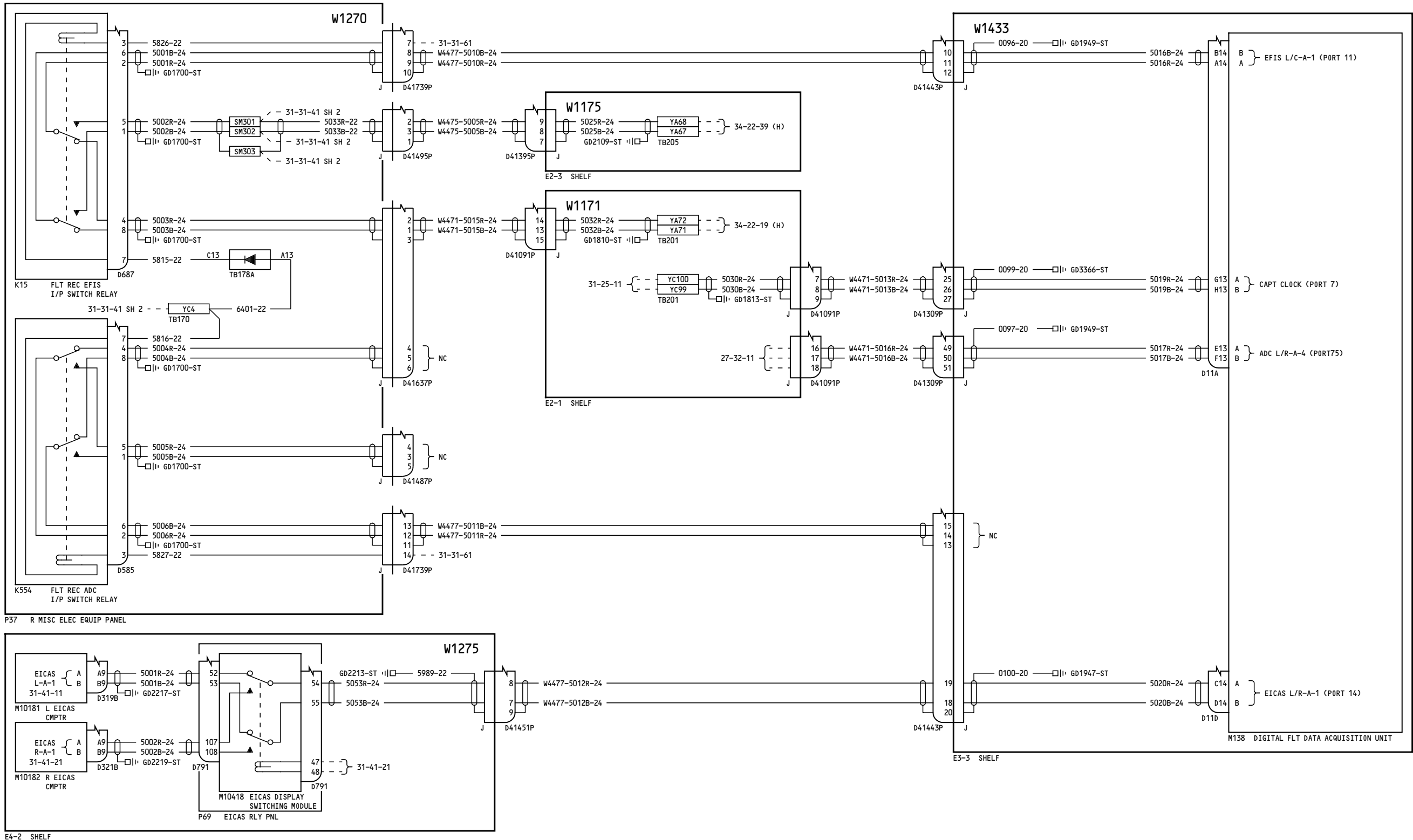
Dec 18/2007

Incorporates  
34A0222

### 31-31-41

Page 2.1

Dec 18/2007



010-011

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 1**

D280N032

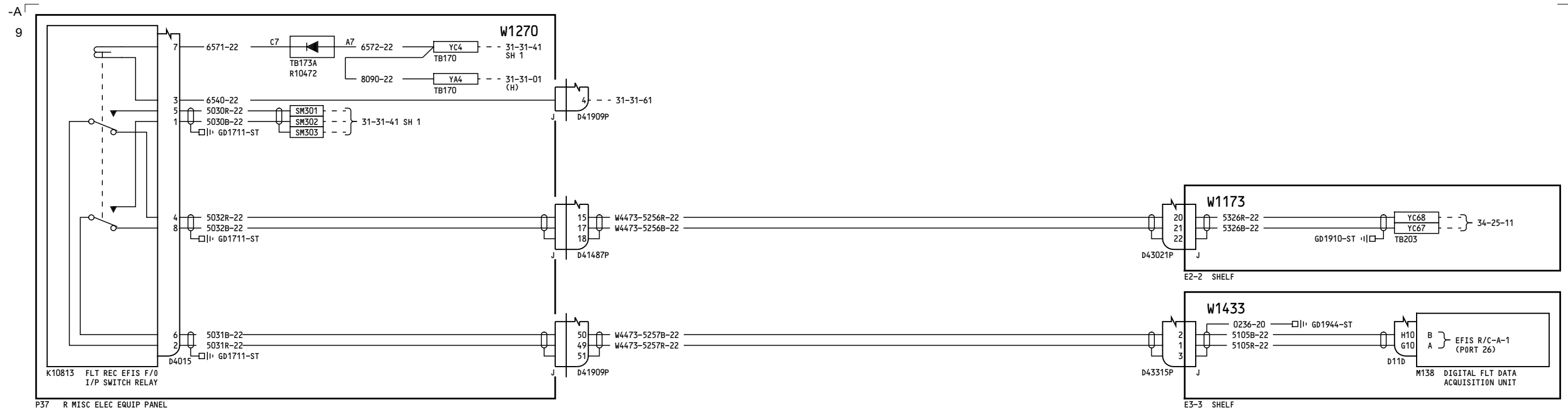
**31-31-41**

Page 2.2  
Sheet 1  
Dec 18/2007

Incorporates  
31-0094  
34A0222

**31-31-41**

Page 2.2  
Sheet 1  
Dec 18/2007



010-011

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 1**

D280N032

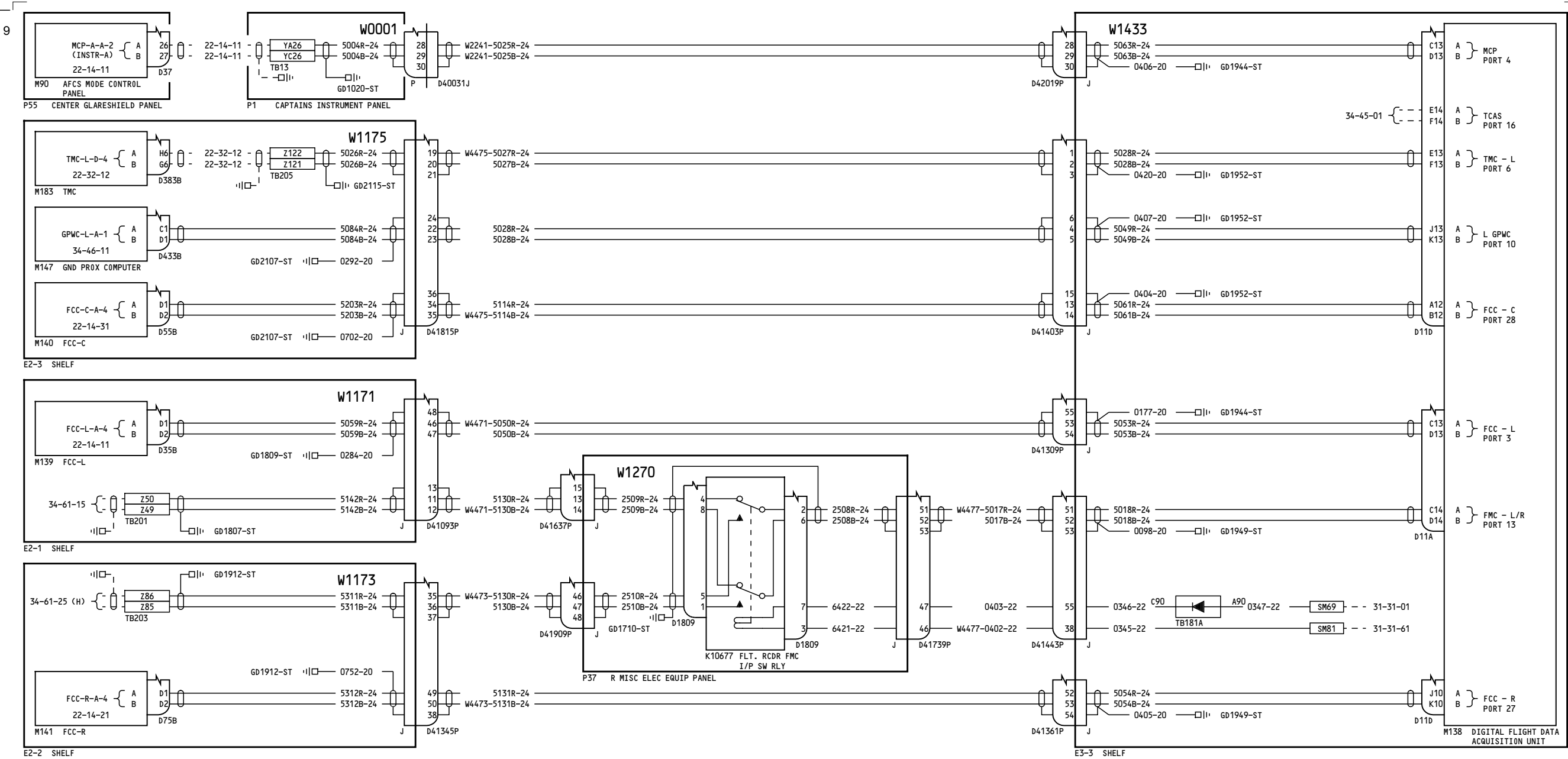
**31-31-41**

Page 2.2  
Sheet 2  
Jan 21/2005

Incorporates  
31-0094

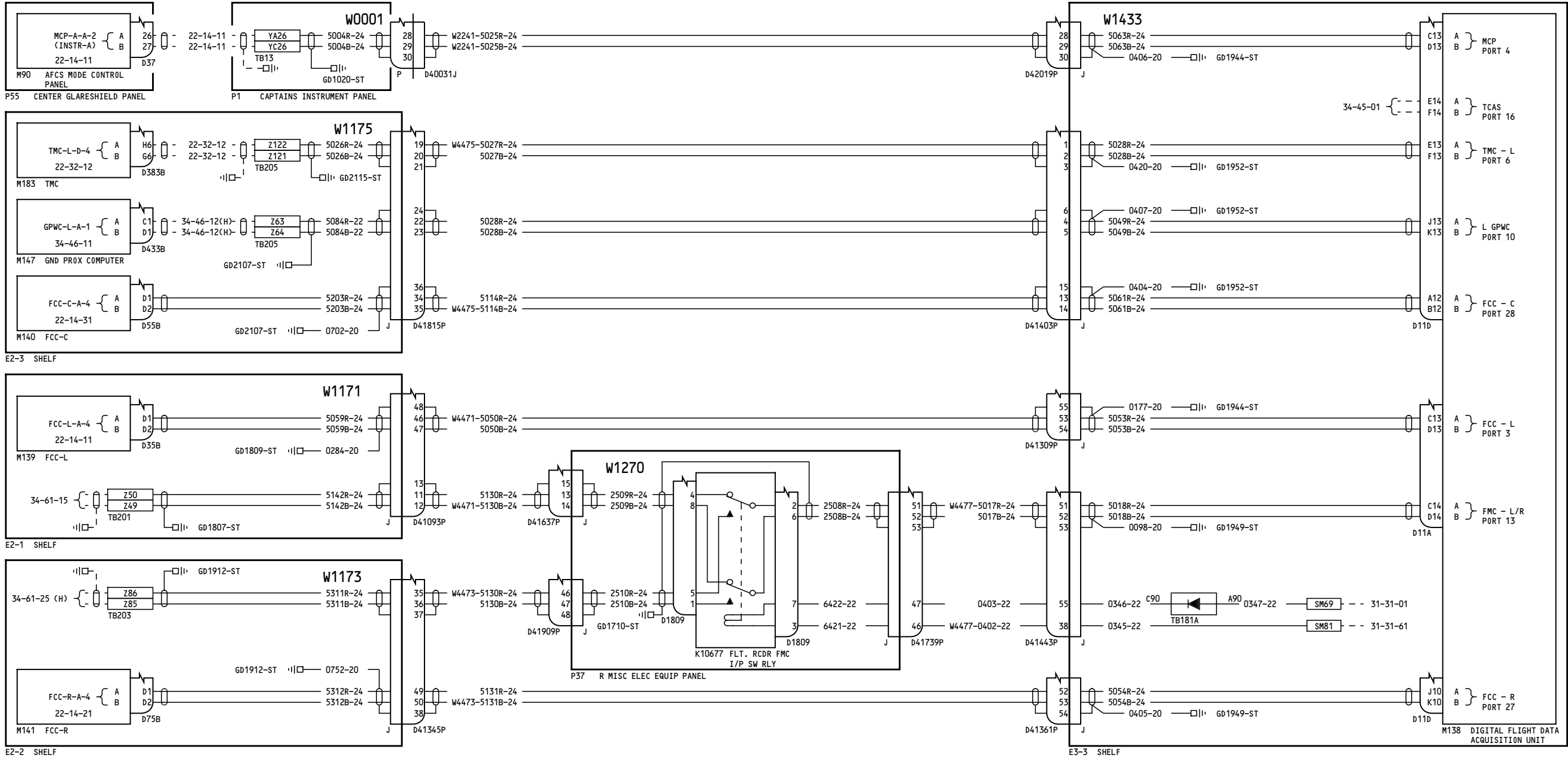
**31-31-41**

Page 2.2  
Sheet 2  
Jan 21/2005





127



002

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 2**

**31-31-42**

Page 1.1

D280N032

Jan 21/2005

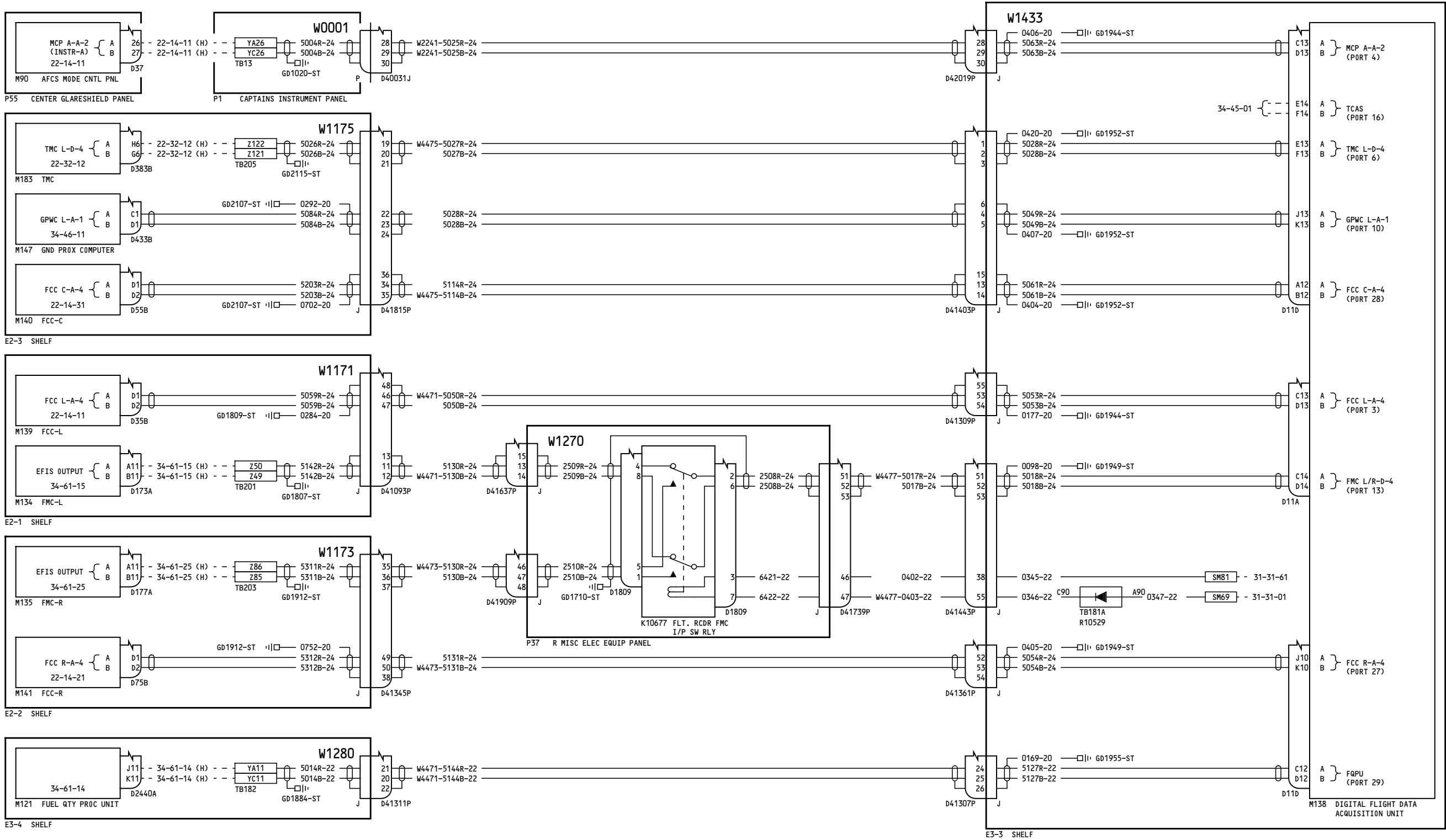
Incorporates  
34-0200

**31-31-42**

Page 1.1

Jan 21/2005

131



010-011

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 2**

**31-31-42**

Page 1.2

Jan 21/2005

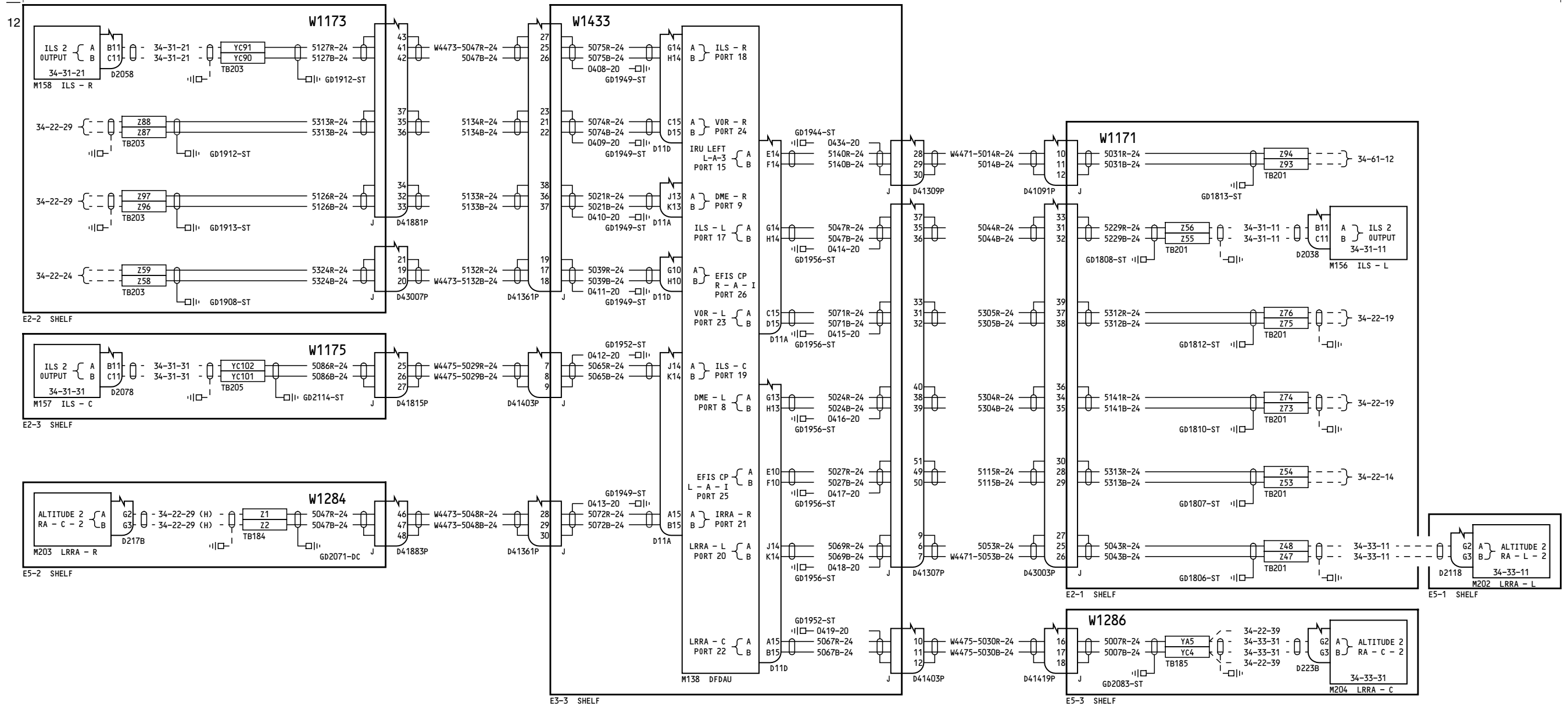
D280N032

Incorporates  
31-0094

**31-31-42**

Page 1.2

Jan 21/2005



001-002

## FLIGHT DATA RECORDER SYSTEM-DIGITAL INTERFACE GROUP 3

D280N032

### 31-31-43

Page 1

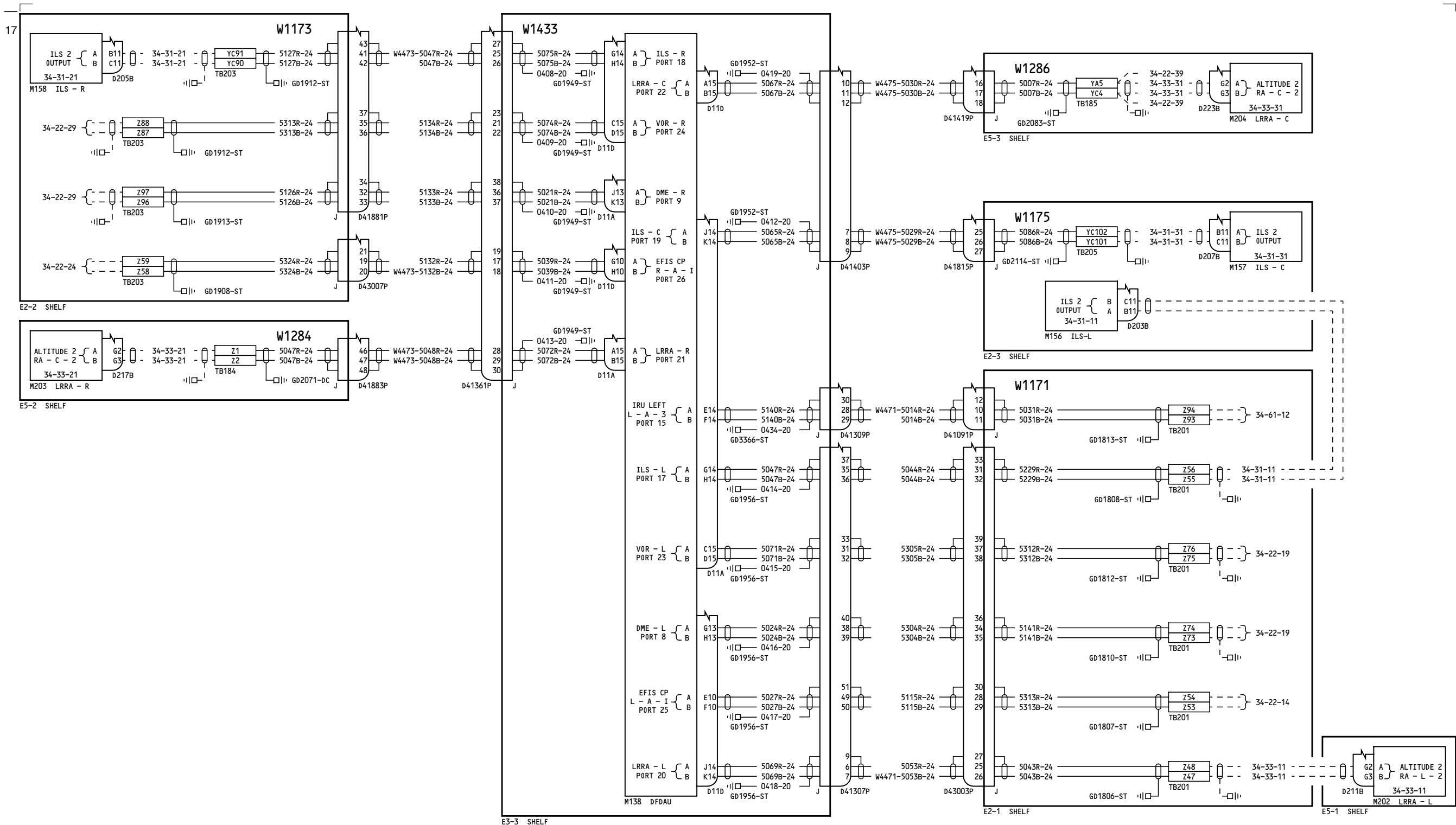
Jan 21/2005

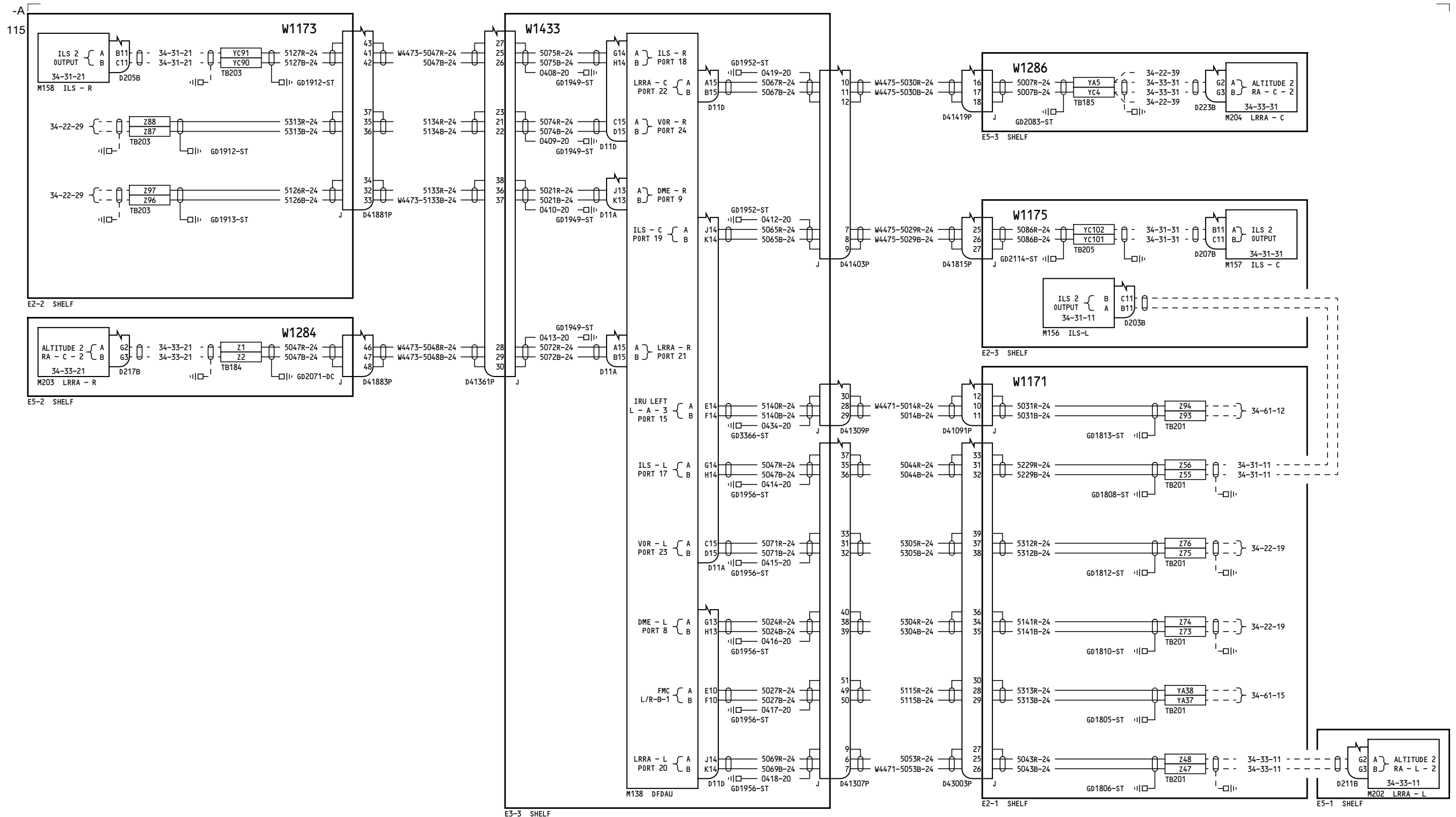
### 31-31-43

Page 1

Jan 21/2005







010-011

**FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 3**

D280N032

**31-31-43**

Page 2.1

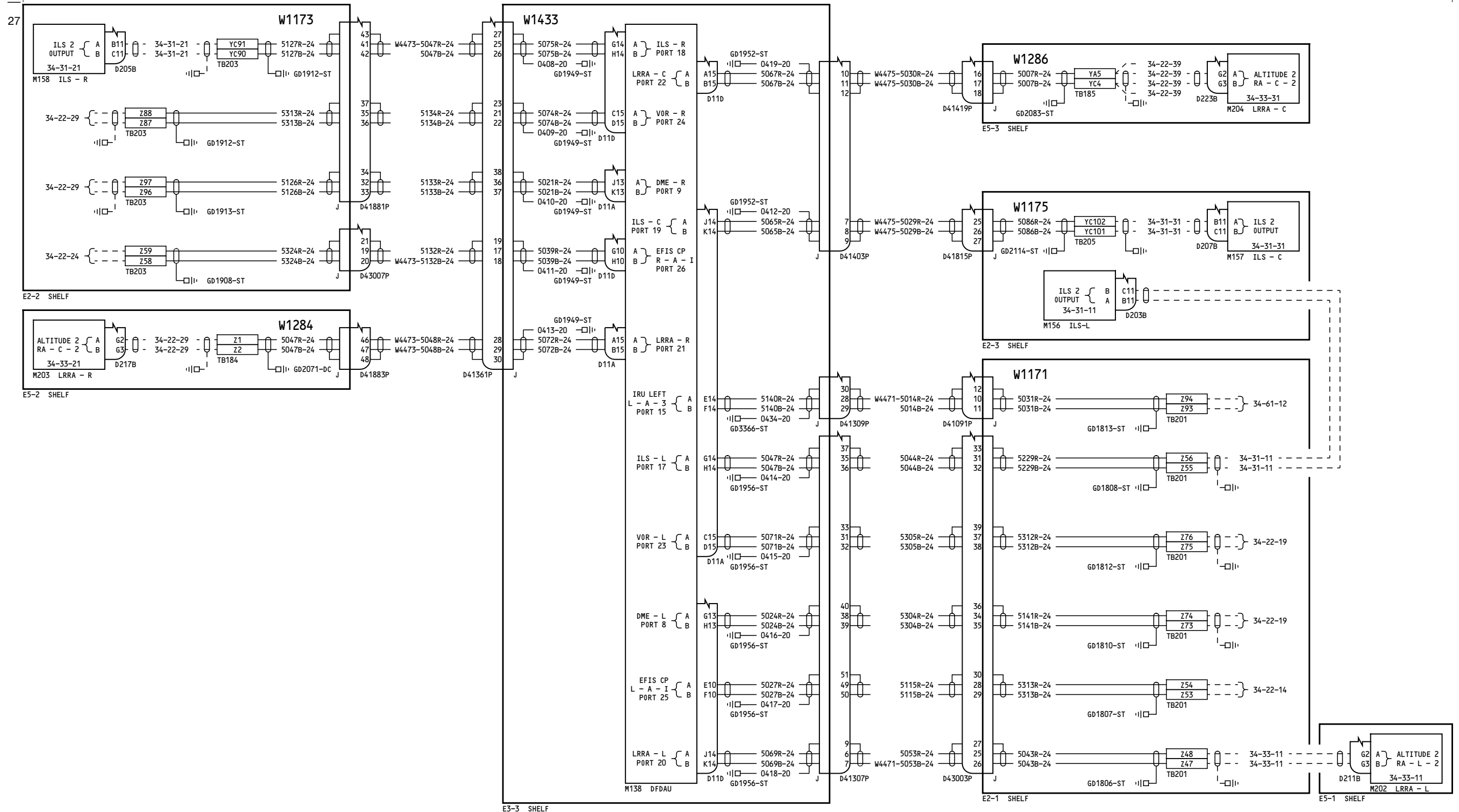
Jan 21/2005

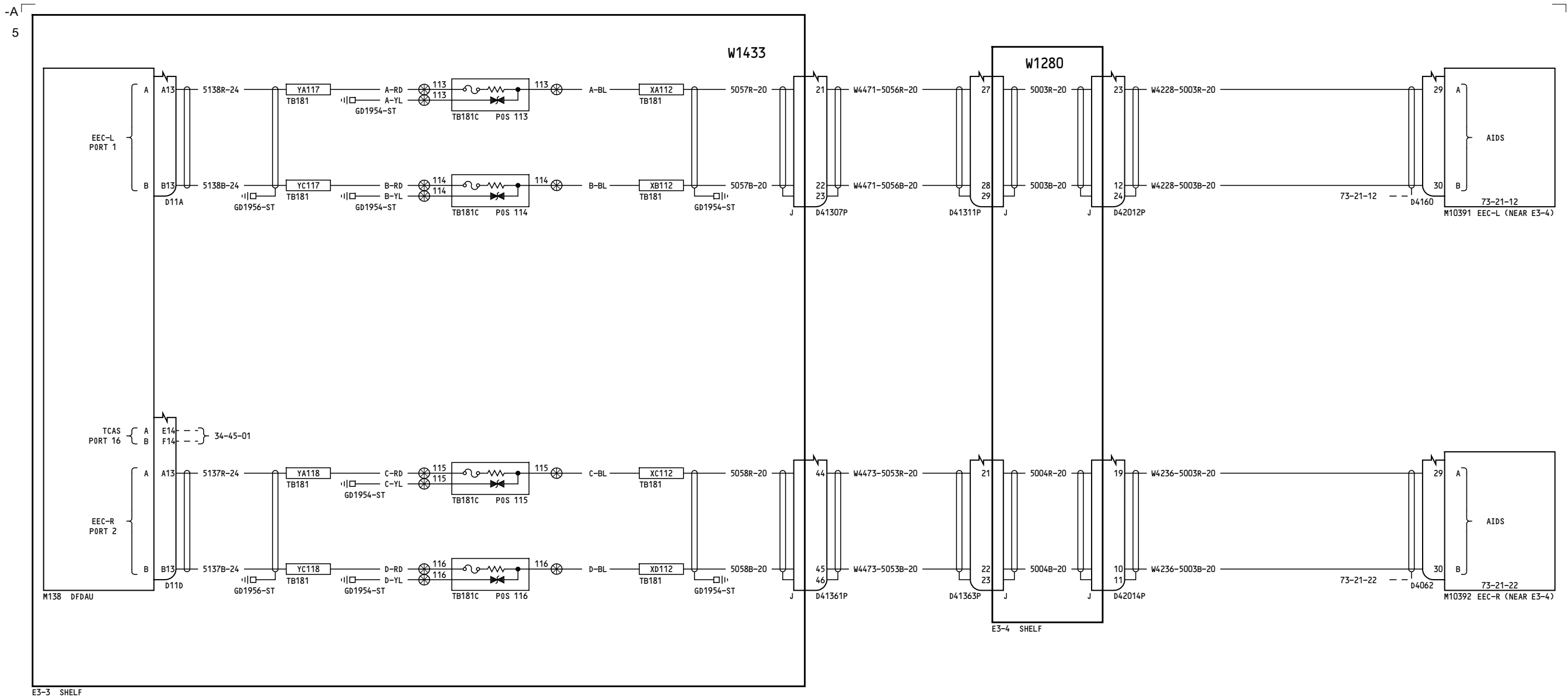
Incorporates  
31-0094

**31-31-43**

Page 2.1

Jan 21/2005





001-099

FLIGHT DATA RECORDER  
SYSTEM-DIGITAL INTERFACE  
GROUP 4

D280N032

31-31-44

Page 1

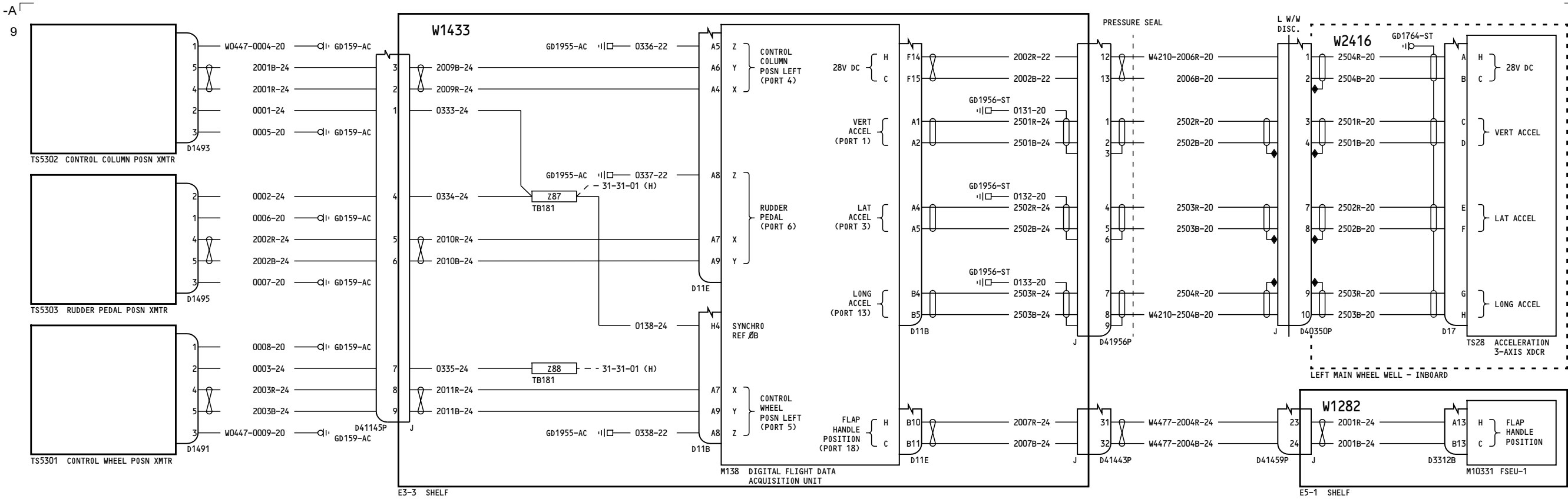
Jan 21/2005

31-31-44

Page 1

Jan 21/2005





001-099

**FLIGHT DATA RECORDER  
SYSTEM-ANALOG INTERFACE  
GROUP 1**

D280N032

**31-31-51**

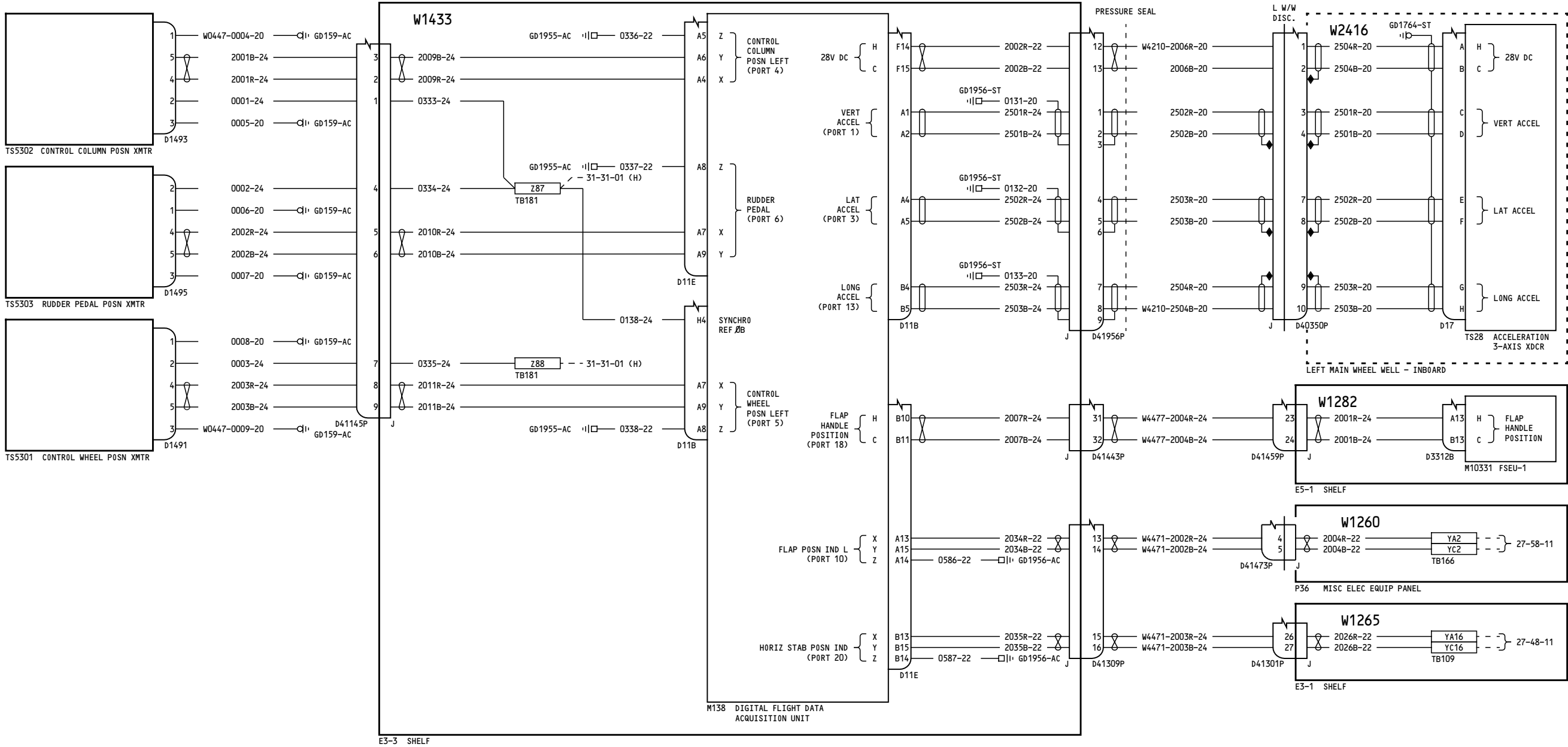
Page 1

Jan 21/2005

**31-31-51**

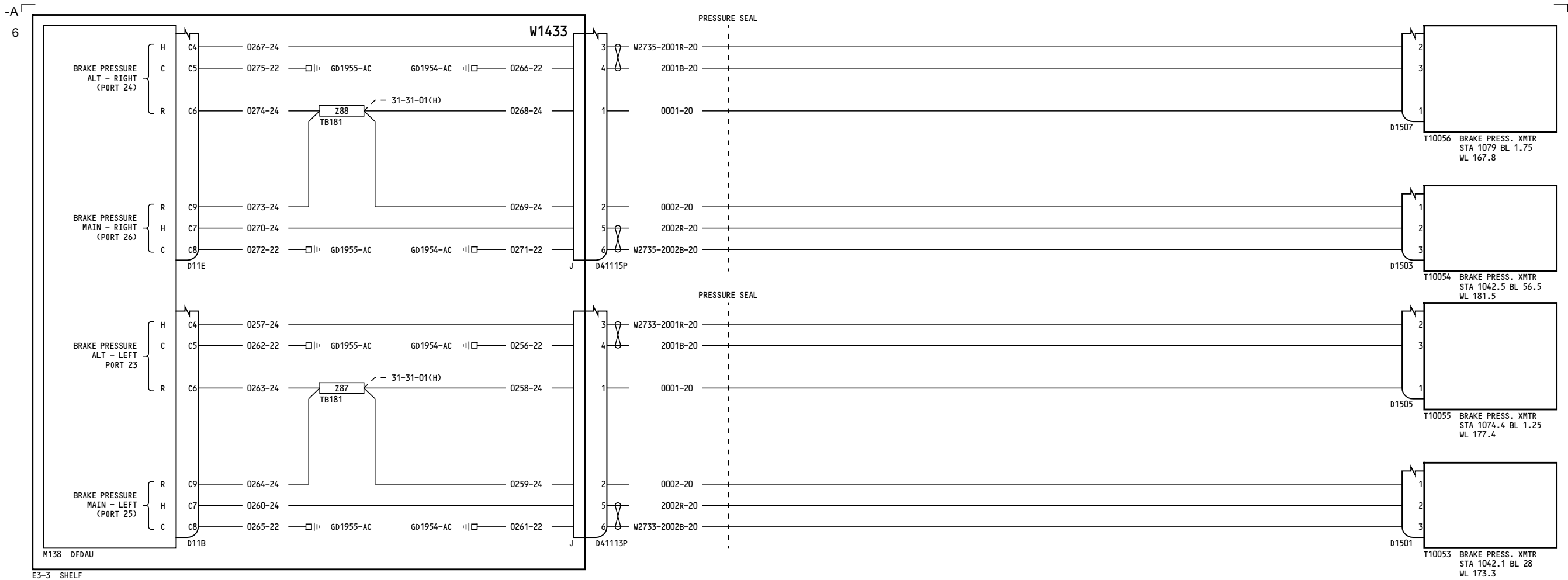
Page 1

Jan 21/2005





757-200 WIRING DIAGRAM MANUAL



001-099

FLIGHT DATA RECORDER  
SYSTEM-ANALOG INTERFACE  
GROUP 2

D280N032

31-31-52

Page 1

Jan 21/2005

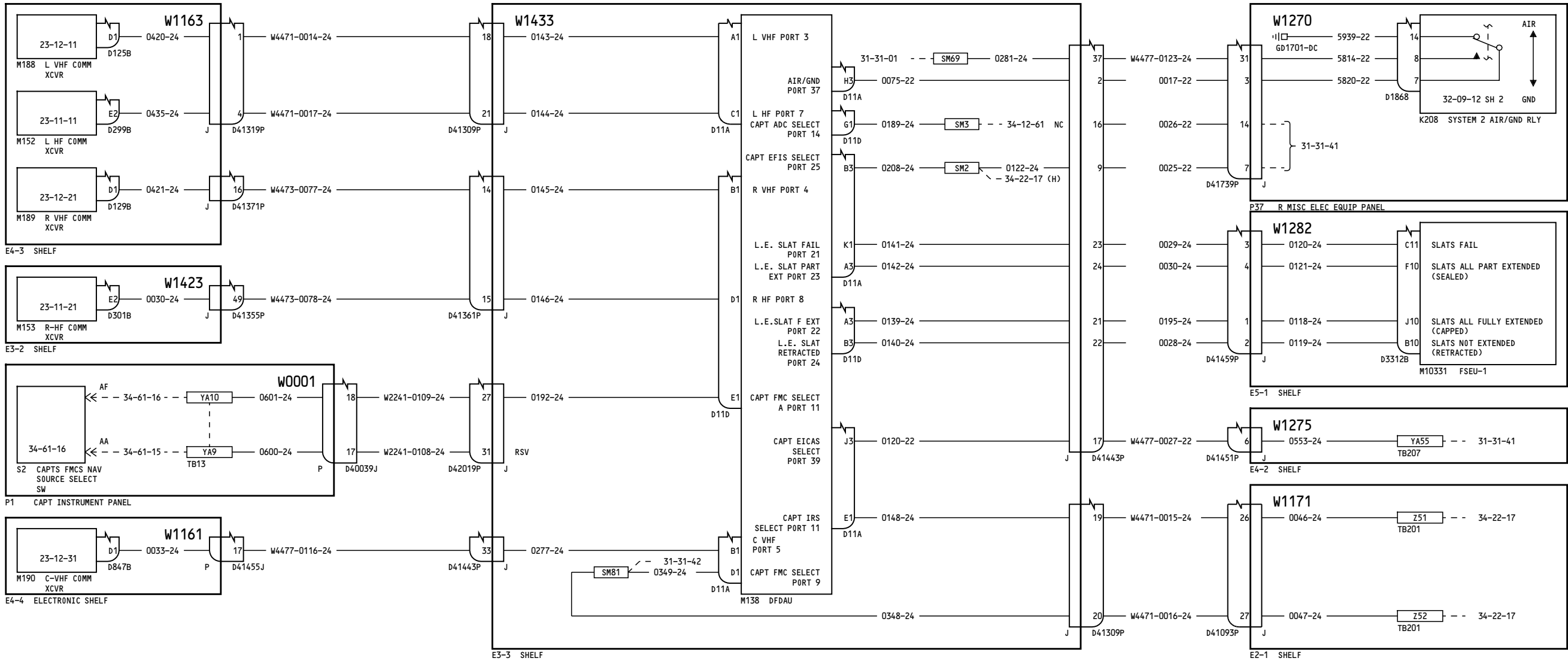
31-31-52

Page 1

Jan 21/2005



211



001-002

**FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 1**

D280N032

**31-31-61**

Page 1.1

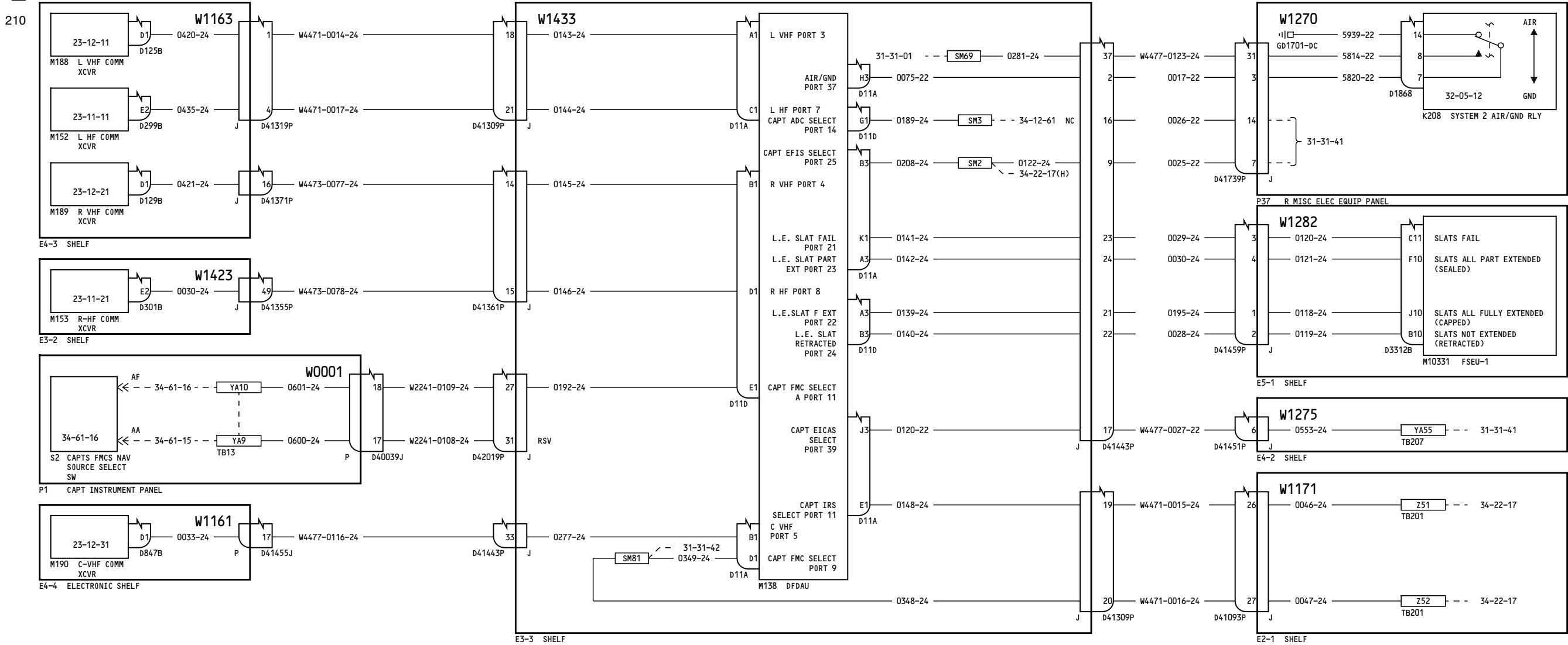
Dec 18/2007

Incorporates  
27A0130 R01  
34A0222

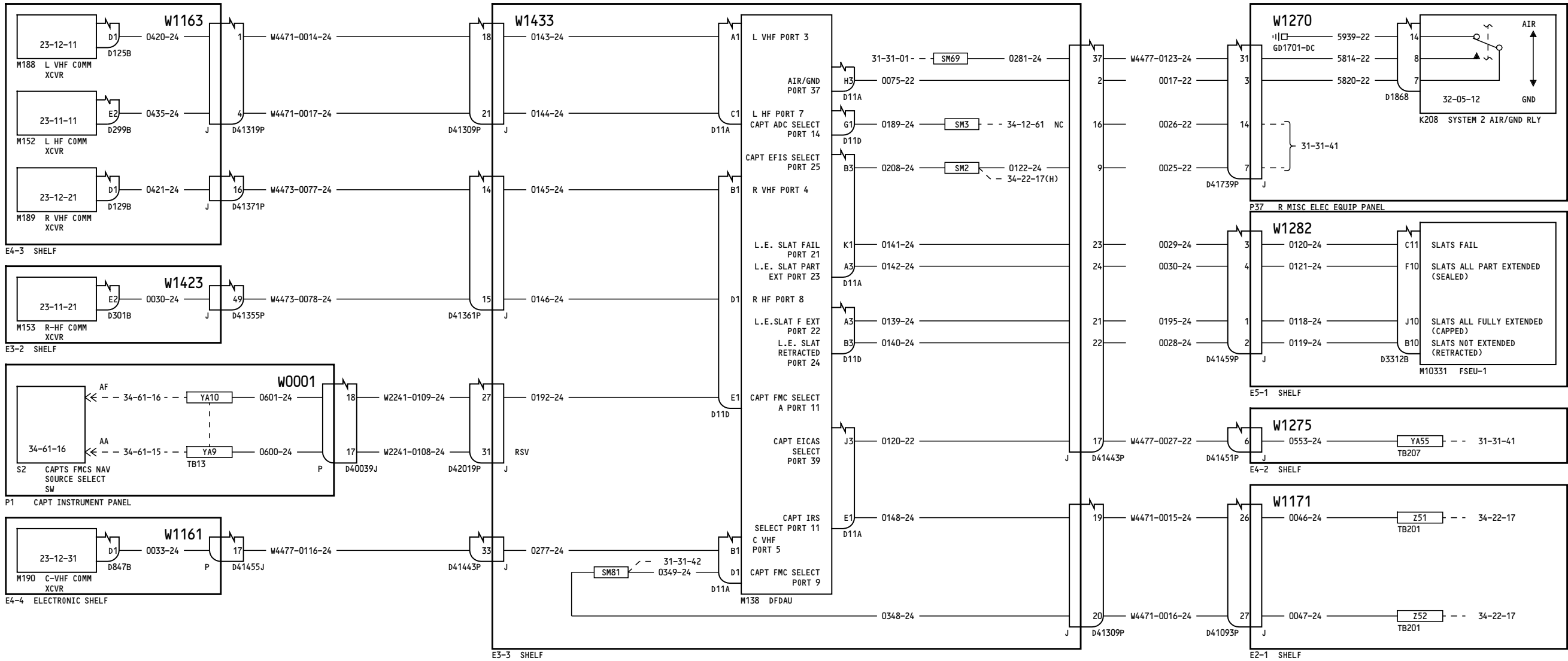
**31-31-61**

Page 1.1

Dec 18/2007



212



010-011

**FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 1**

D280N032

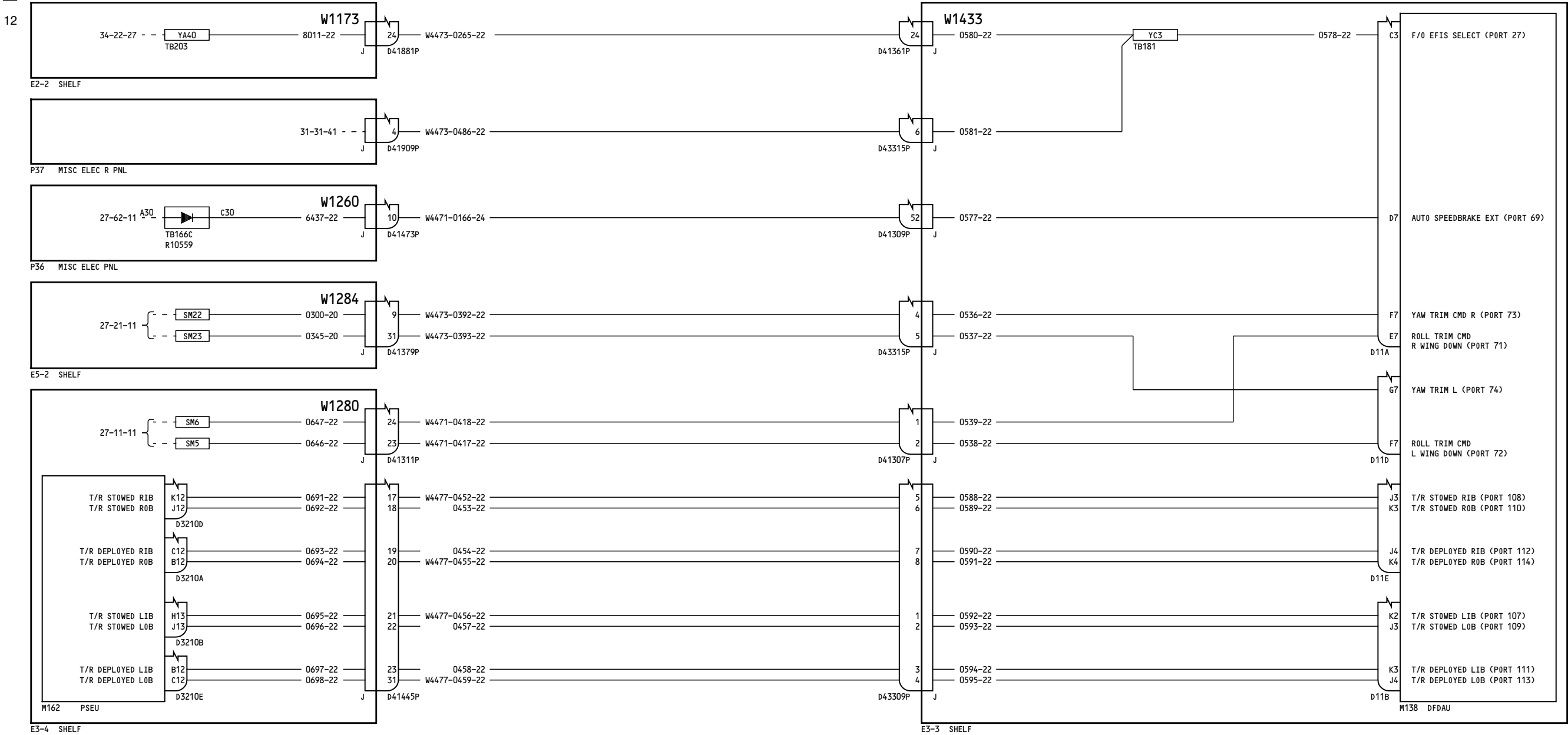
**31-31-61**

Page 1.3  
Sheet 1  
Dec 18/2007

Incorporates  
31-0094  
34A0222

**31-31-61**

Page 1.3  
Sheet 1  
Dec 18/2007



010-011

FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 1

D280N032

31-31-61

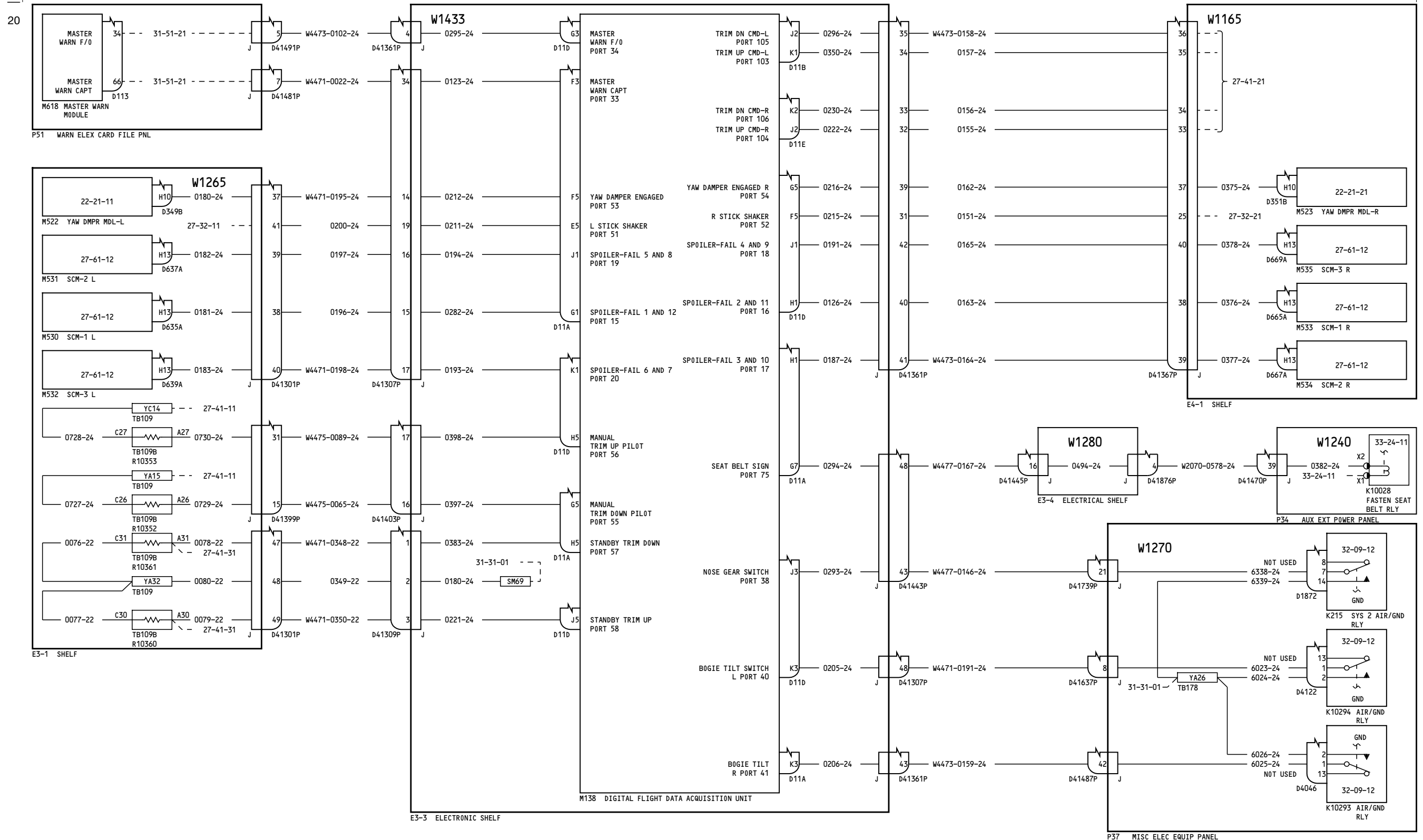
Page 1.3  
Sheet 2  
Jan 21/2005

Incorporates  
31-0094

31-31-61

Page 1.3  
Sheet 2  
Jan 21/2005





001-099

**FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 2**

**31-31-62**

Page 1

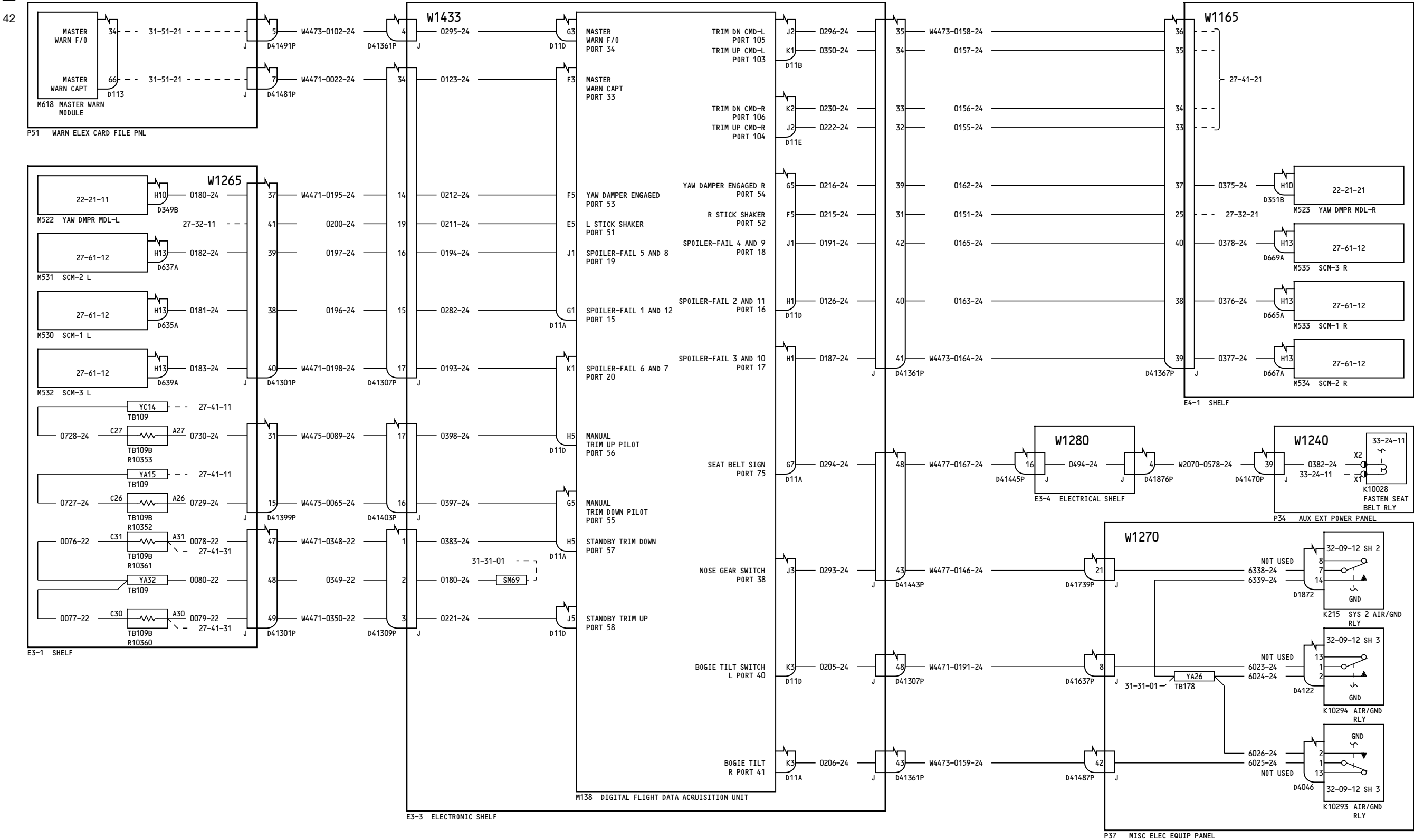
D280N032

Jan 21/2005

**31-31-62**

Page 1

Jan 21/2005



001-002

FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 2

D280N032

31-31-62

Page 1.1

Jan 21/2005

Incorporates  
27A0130 R01

31-31-62

Page 1.1

Jan 21/2005



## D280N032

Page 1

Jan 21/2005

Page 1

Jan 21/2005



**W1433**

**AC IDENT SHORTING RCPT**

**M138 DFDAU**

**FRAME 1/FRAME 2 PORT 120**

**IDENT COMMON**

**A/C NUMBER**

**FLEET IDENT**

**A/C TYPE**

**0395-22**

**0101-24**

**0102-24**

**0107-24**

**0108-24**

**0109-24**

**0110-24**

**0111-24**

**0112-24**

**0113-24**

**0114-24**

**0115-24**

**0116-24**

**0117-24**

**0118-24**

**0119-24**

**GD1956-ST**

**D11D**

**D11E**

**D749**

**M976**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**17**

**18**

**19**

**82**

**83**

**84**

**85**

**86**

**87**

**88**

**89**

**90**

**91**

**92**

**93**

**94**

**95**

**96**

**97**

**98**

**99**

**A9**

**B9**

**C9**

**D9**

**E9**

**F9**

**G9**

**H9**

**J9**

**K9**

**A11**

**B11**

**C11**

**D11**

**E11**

**F11**

**G11**

**H11**

**K11**

**J6**

**D11E**

**2**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**17**

**18**

**19**

**82**

**83**

**84**

**85**

**86**

**87**

**88**

**89**

**90**

**91**

**92**

**93**

**94**

**95**

**96**

**97**

**98**

**99**

**A9**

**B9**

**C9**

**D9**

**E9**

**F9**

**G9**

**H9**

**J9**

**K9**

**A11**

**B11**

**C11**

**D11**

**E11**

**F11**

**G11**

**H11**

**K11**

**J6**

**D11E**

**2**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**17**

**18**

**19**

**82**

**83**

**84**

**85**

**86**

**87**

**88**

**89**

**90**

**91**

**92**

**93**

**94**

**95**

**96**

**97**

**98**

**99**

**A9**

**B9**

**C9**

**D9**

**E9**

**F9**

**G9**

**H9**

**J9**

**K9**

**A11**

**B11**

**C11**

**D11**

**E11**

**F11**

**G11**

**H11**

**K11**

**J6**

**D11E**

**2**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**17**

**18**

**19**

**82**

**83**

**84**

**85**

**86**

**87**

**88**

**89**

**90**

**91**

**92**

**93**

**94**

**95**

**96**

**97**

**98**

**99**

**A9**

**B9**

**C9**

**D9**

**E9**

**F9**

**G9**

**H9**

**J9**

**K9**

**A11**

**B11**

**C11**

**D11**

**E11**

**F11**

**G11**

**H11**

**K11**

**J6**

**D11E**

**2**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**17**

**18**

**19**

**82**

**83**

**84**

**85**

**86**

**87**

**88**

**89**

**90**

**91**

**92**

**93**

**94**

**95**

**96**

**97**

**98**

**99**

**A9**

**B9**

**C9**

**D9**

**E9**

**F9**

**G9**

**H9**

**J9**

**K9**

**A11**

**B11**

**C11**

**D11**

**E11**

**F11**

**G11**

**H11**

**K11**

**J6**

**D11E**

**2**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

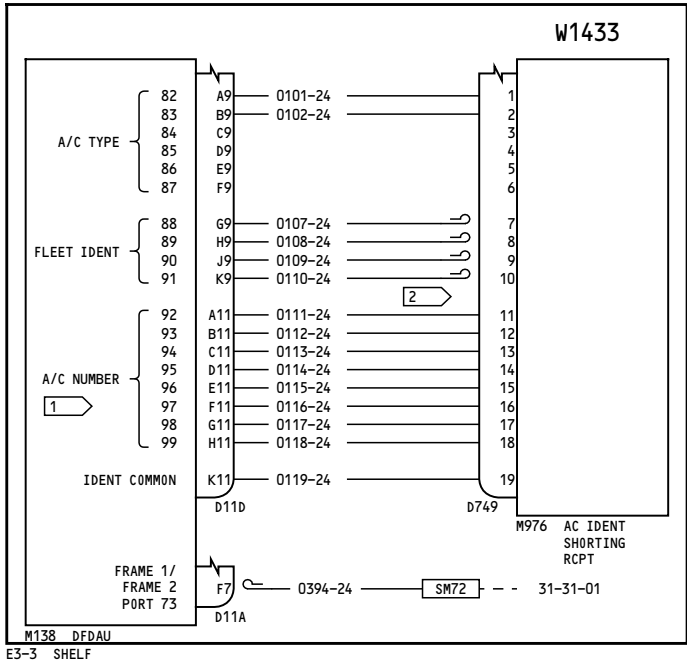
**10**

**11**

[illegible]

Jan 21/2005

10



A/C EFF	A/C NUMBER 1							
	99	98	97	96	95	94	93	92
NB322	0	0	0	0	0	0	1	0
NB323	0	0	0	0	0	0	1	1
NB324	0	0	0	0	0	1	0	0
NB325	0	0	0	0	0	1	0	1
NB326	0	0	0	0	0	1	1	0
NB327	0	0	0	0	0	1	1	1
NB328	0	0	0	0	1	0	0	0
NB329	0	0	0	0	1	0	0	1
NB330	0	0	0	0	1	0	1	0
NB331	0	0	0	0	1	0	1	1
NB332	0	0	0	0	1	1	0	0
NB333	0	0	0	0	1	1	0	1
NB334	0	0	0	0	1	1	1	0
NB335	0	0	0	0	1	1	1	1
NB336	0	0	0	1	0	0	0	0
NB337	0	0	0	1	0	0	0	1
NB338	0	0	0	1	0	0	1	0
NB339	0	0	0	1	0	0	1	1
NB340	0	0	0	1	0	1	0	0
NB341	0	0	0	1	0	1	0	1
NB342	0	0	0	1	0	1	1	0
NB343	0	0	0	1	0	1	1	1
NB344	0	0	0	1	1	0	0	0
1 = CONNECT TO D749 0 = CAP AND STOW								

A/C EFF	A/C NUMBER 1							
	99	98	97	96	95	94	93	92
NB345	0	0	0	1	1	0	0	1
NB346	0	0	0	1	1	0	1	0
NB347	0	0	0	1	1	0	1	1
NB348	0	0	0	1	1	1	0	0
NB349	0	0	0	1	1	1	0	1
NB350	0	0	0	1	1	1	1	0
NB351	0	0	0	1	1	1	1	1
NB352	0	0	1	0	0	0	0	0
NB353	0	0	1	0	0	0	0	1
NB354	0	0	1	0	0	0	1	0
NB355	0	0	1	0	0	0	1	1
NB356	0	0	1	0	0	1	0	0
NB357	0	0	1	0	0	1	0	1
NB358	0	0	1	0	0	1	1	0
NB359	0	0	1	0	0	1	1	1
NB360	0	0	1	0	1	0	0	0
NB361	0	0	1	0	1	0	0	1
NB362	0	0	1	0	1	0	1	0
NB363	0	0	1	0	1	0	1	1
1 = CONNECT TO D749 0 = CAP AND STOW								

NOTES:

- 1 A/C NUMBER
- 2 CAP AND STOW NEAR D749

002-099

FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 5

D280N032

31-31-65

Page 2

Jan 21/2005

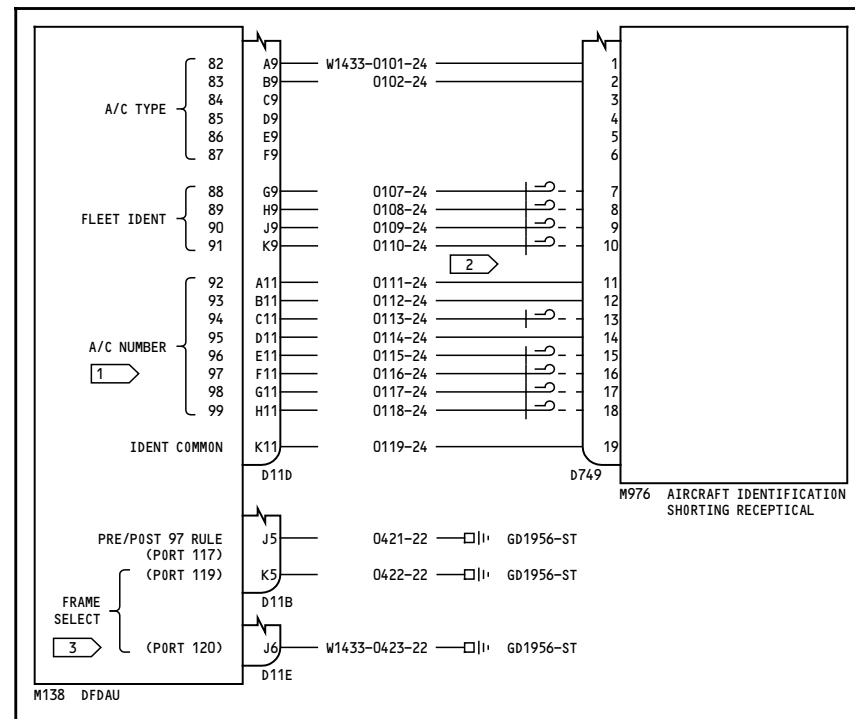
31-31-65

Page 2

Jan 21/2005

-A

160



<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 5px;">3</div> FRAME	PORT	
	120	119
757-3	0	0
757-1 OR -4	0	1
757-5	1	0
757-2 OR -4	1	1
0 = GROUND  1 = NO CONNECTION		

[illegible]

NOTES:

1 A/C NUMBER

2 CAP AND STOW NEAR D749 PER A/C NUMBER CHART

010-011

**FLIGHT DATA RECORDER  
SYSTEM-DISCRETE INTERFACE  
GROUP 5**

D280N032

**31-31-65**

Page 2.1

Jan 21/2005

Incorporates  
▶ 31-0094

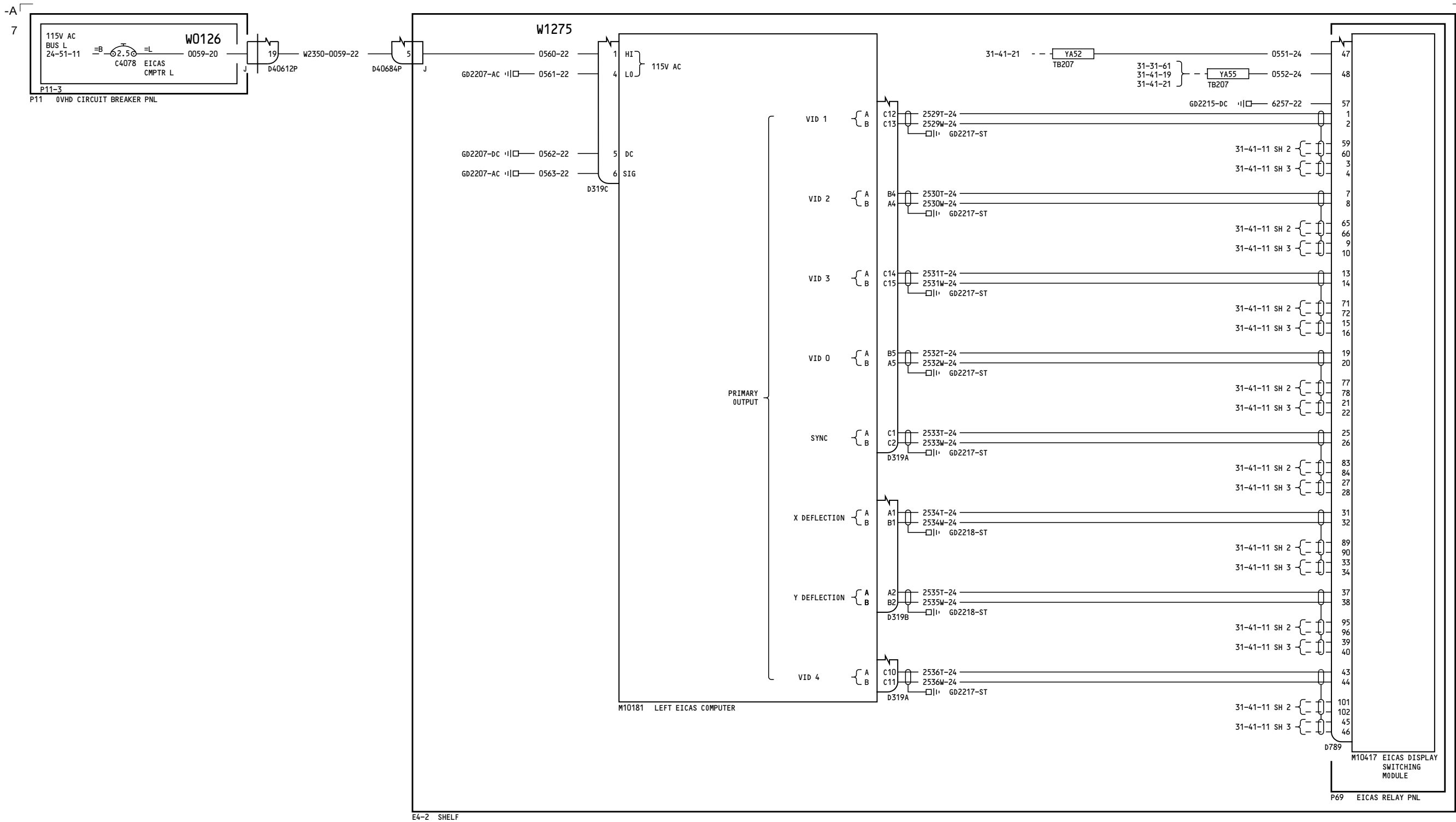
**31-31-65**

Page 2.1

Jan 21/2005



757-200 WIRING DIAGRAM MANUAL



001-099

EICAS COMPUTER - LEFT  
DISPLAY UNIT OUTPUTS  
AND POWER

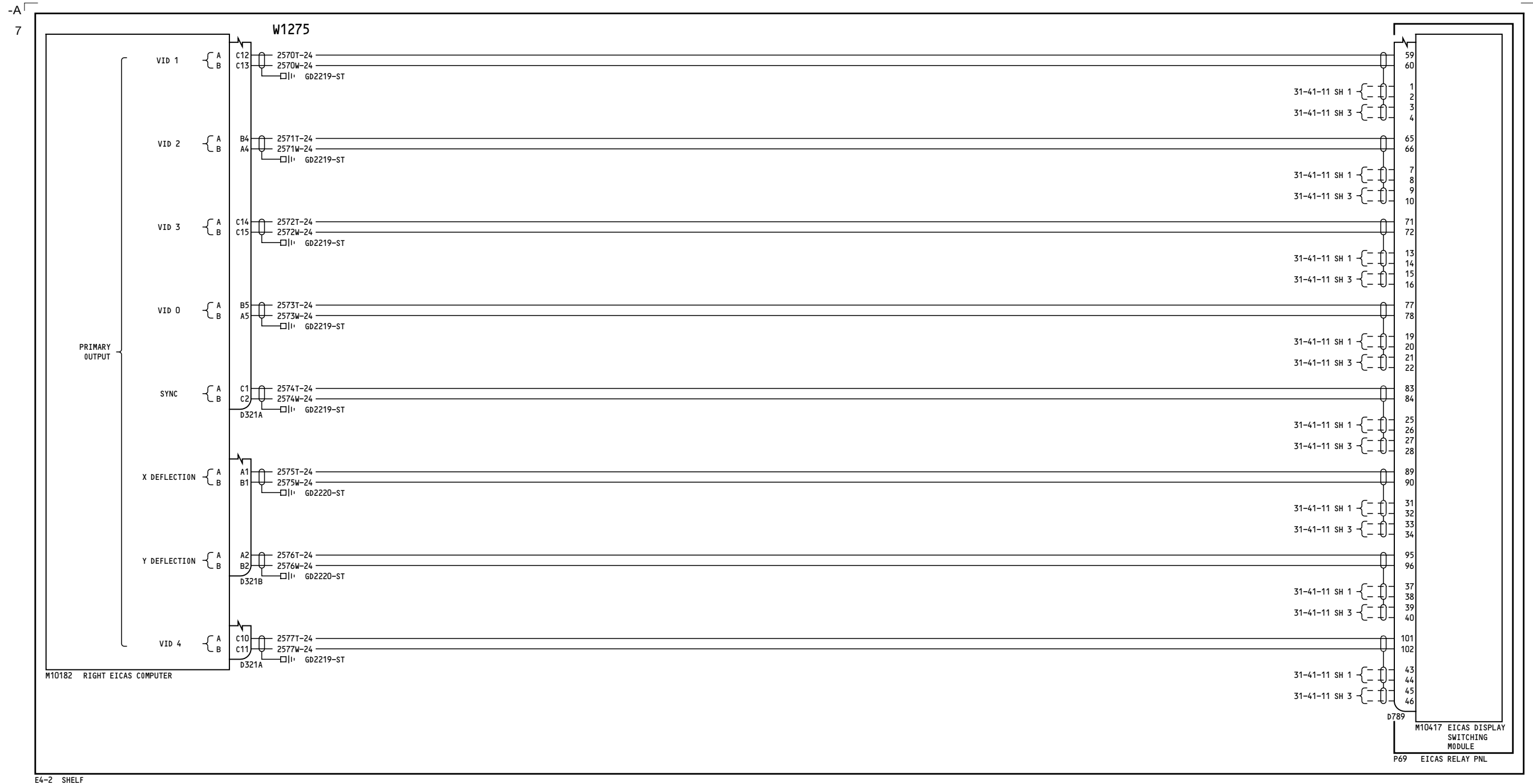
D280N032

31-41-11

Page 1  
Sheet 1  
Jan 21/2005

31-41-11

Page 1  
Sheet 1  
Jan 21/2005



001-099

**EICAS COMPUTER - LEFT  
DISPLAY UNIT OUTPUTS  
AND POWER**

D280N032

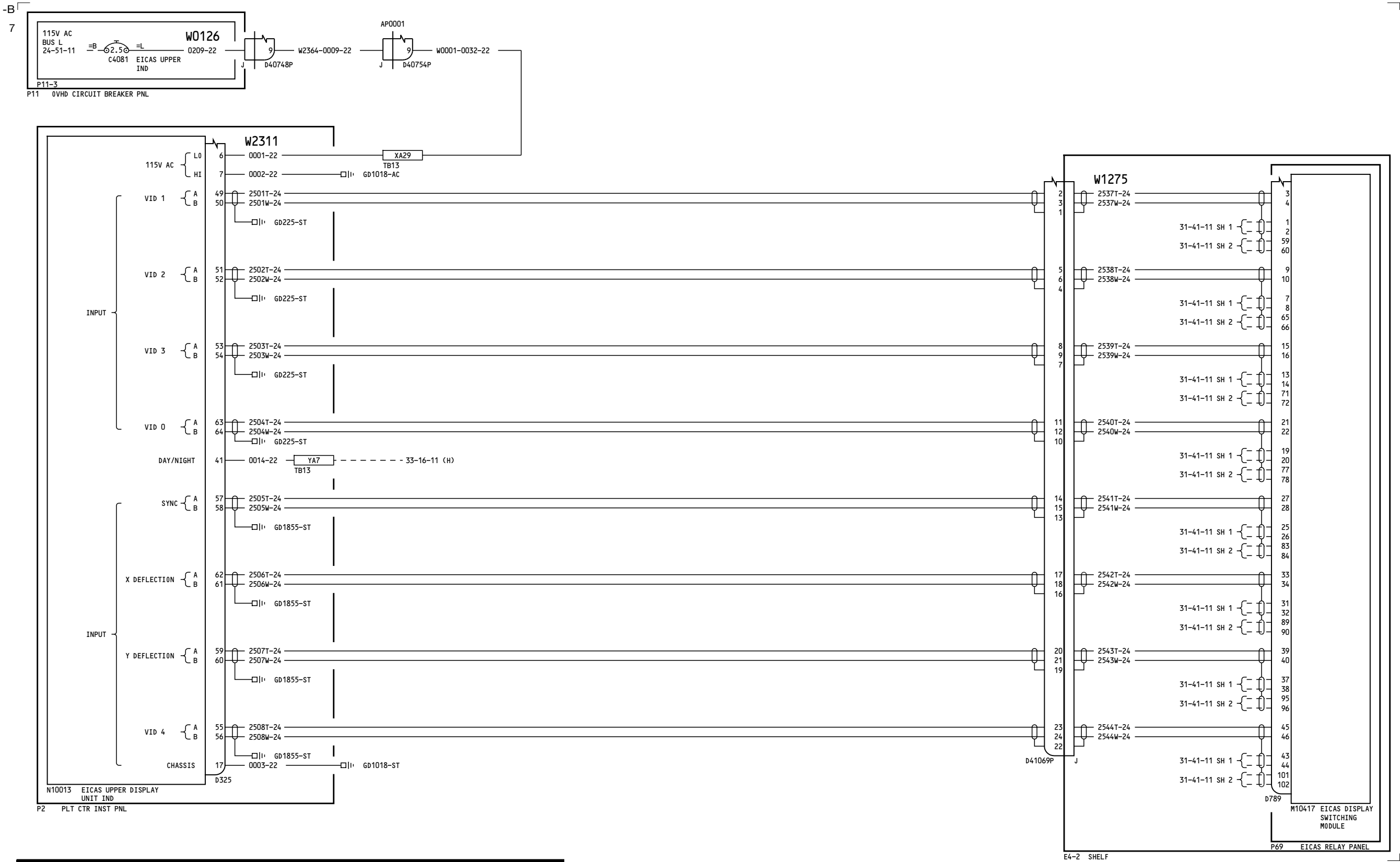
**31-41-11**

Page 1  
Sheet 2  
Jan 21/2005

**31-41-11**

Page 1  
Sheet 2  
Jan 21/2005





001-099

EICAS COMPUTER - LEFT  
DISPLAY UNIT OUTPUTS  
AND POWER

D280N032

31-41-11

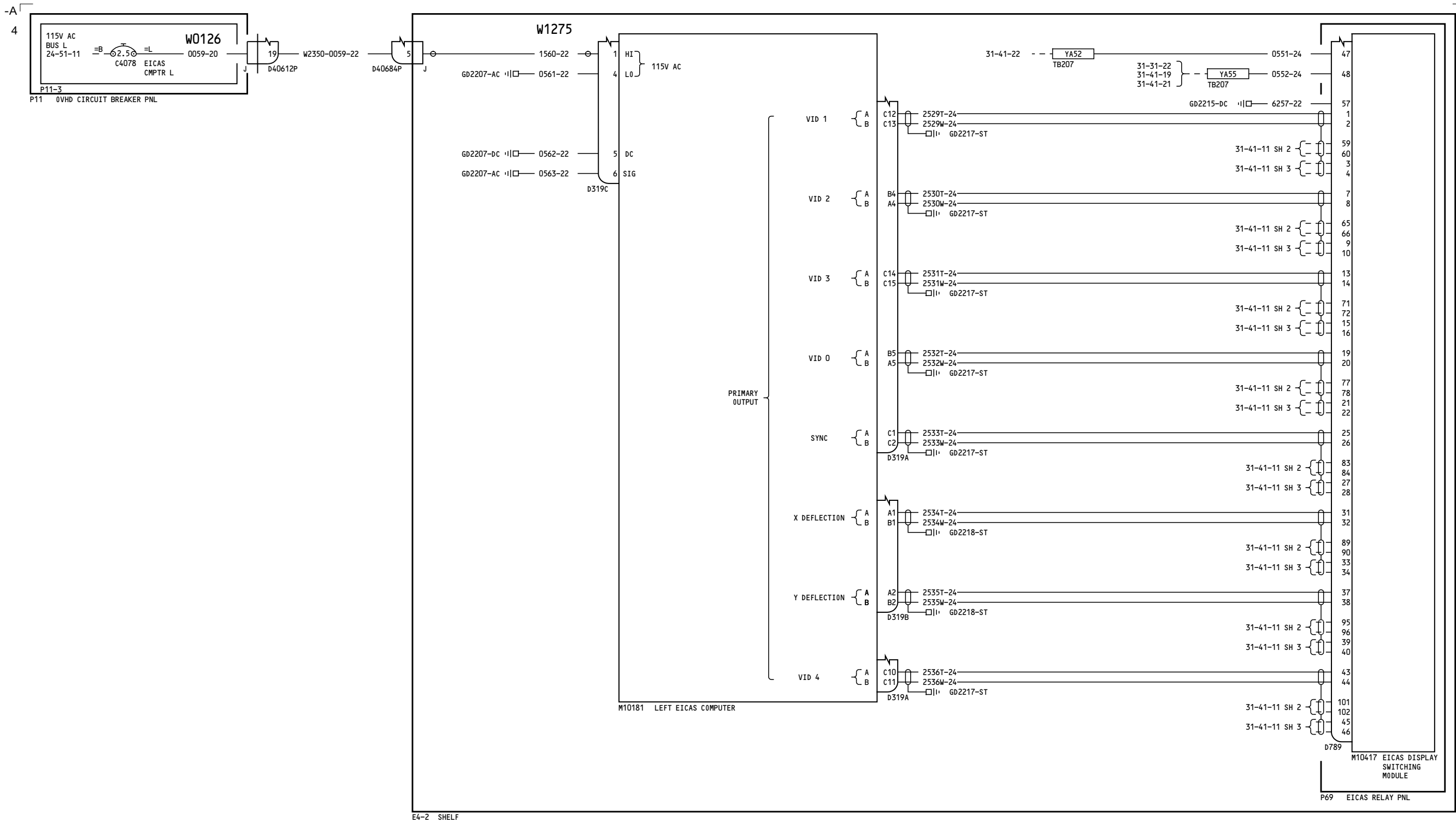
Page 1  
Sheet 3  
Jan 21/2005

31-41-11

Page 1  
Sheet 3  
Jan 21/2005



757-200 WIRING DIAGRAM MANUAL



115-199

EICAS COMPUTER -  
OUTPUTS AND POWER -  
UPPER DISPLAY UNIT

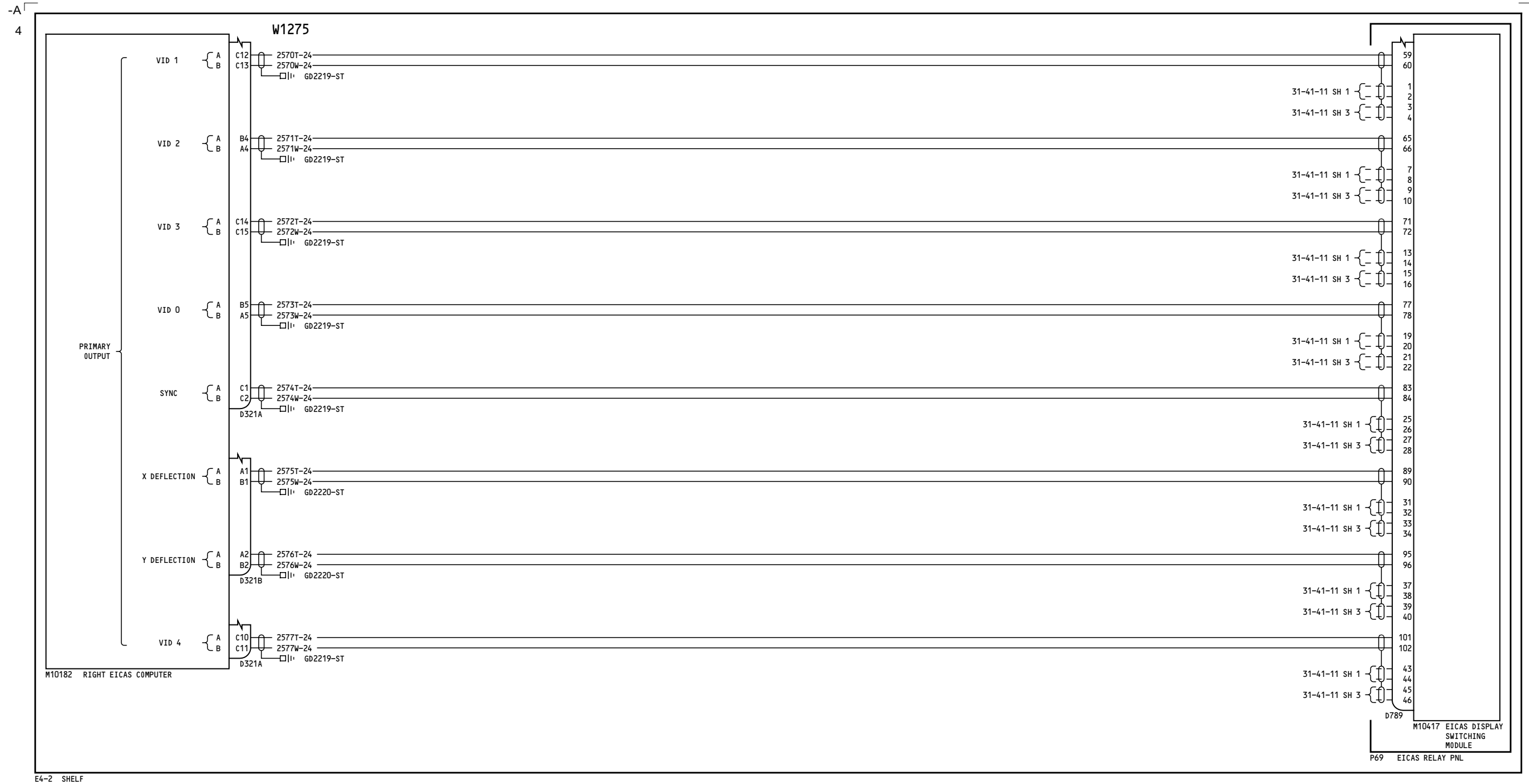
D280N032

31-41-11

Page 2  
Sheet 1  
Jan 21/2005

31-41-11

Page 2  
Sheet 1  
Jan 21/2005



115-199

**EICAS COMPUTER -  
OUTPUTS AND POWER -  
UPPER DISPLAY UNIT**

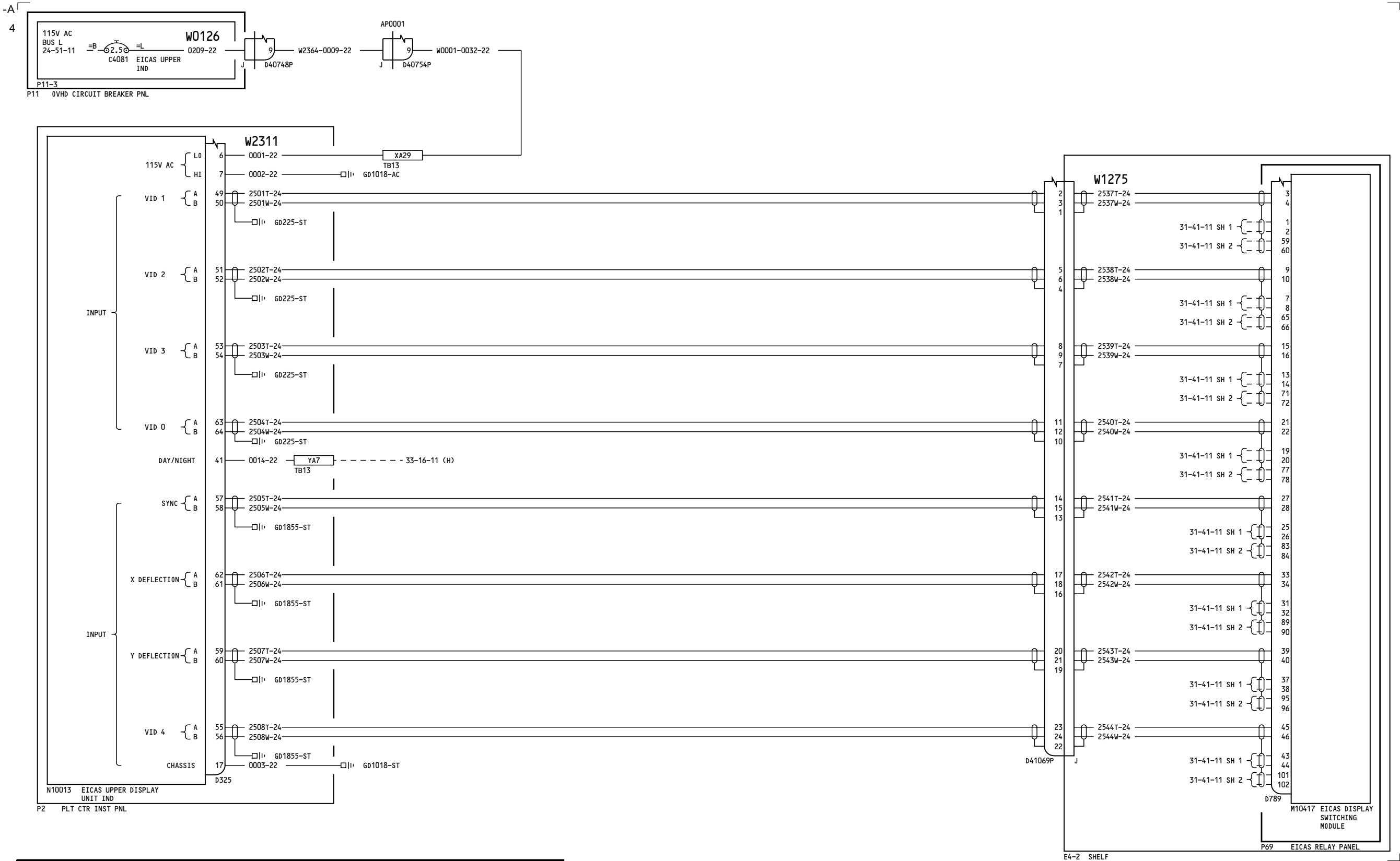
D280N032

**31-41-11**

Page 2  
Sheet 2  
Jan 21/2005

**31-41-11**

Page 2  
Sheet 2  
Jan 21/2005



115-199

**EICAS COMPUTER -  
OUTPUTS AND POWER -  
UPPER DISPLAY UNIT**

D280N032

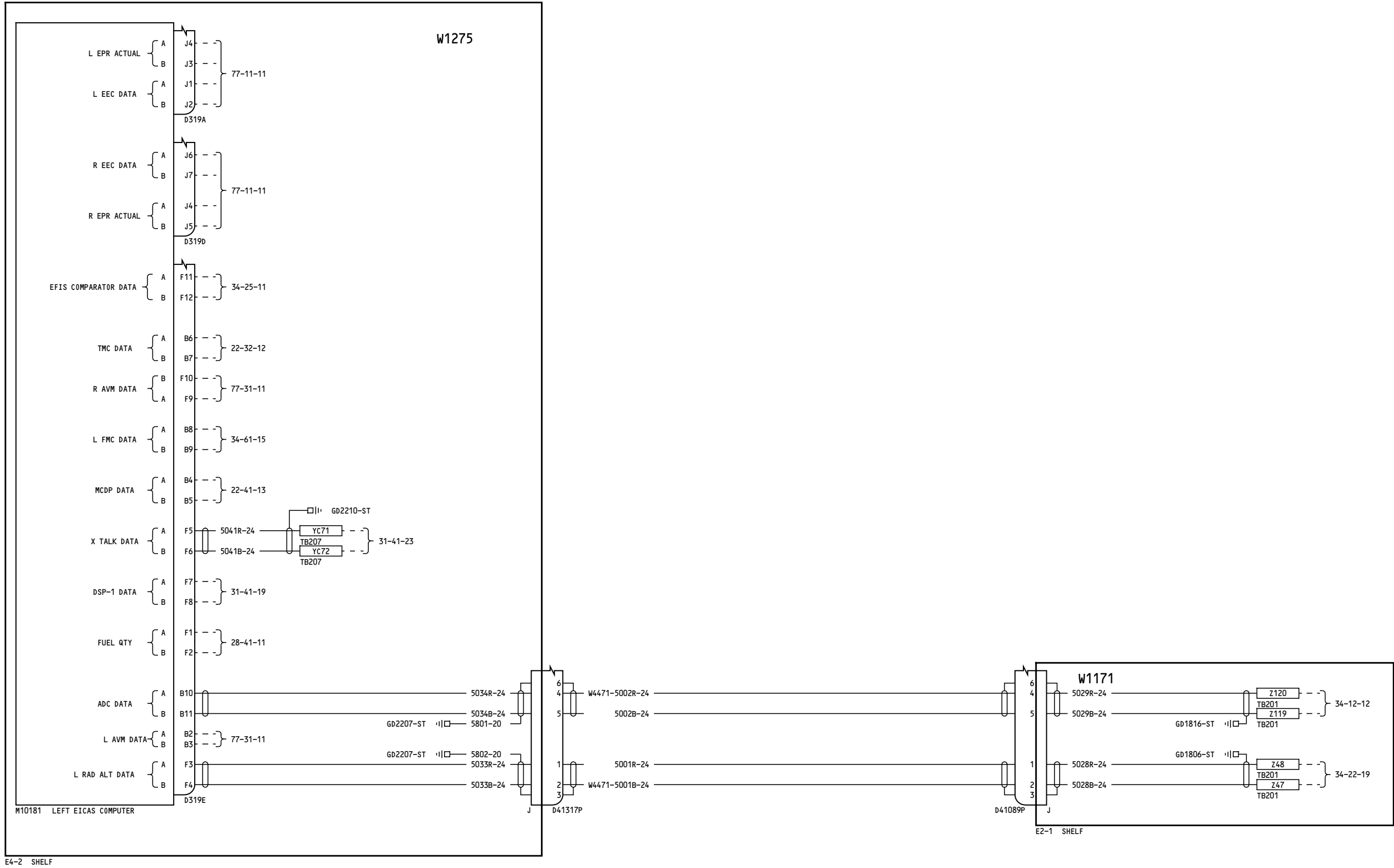
**31-41-11**

Page 2  
Sheet 3  
Jan 21/2005

**31-41-11**

Page 2  
Sheet 3  
Jan 21/2005

9



001-099

EICAS COMPUTER - LEFT  
DATA INPUTS

D280N032

31-41-12

Page 1

Jan 21/2005

31-41-12

Page 1

Jan 21/2005

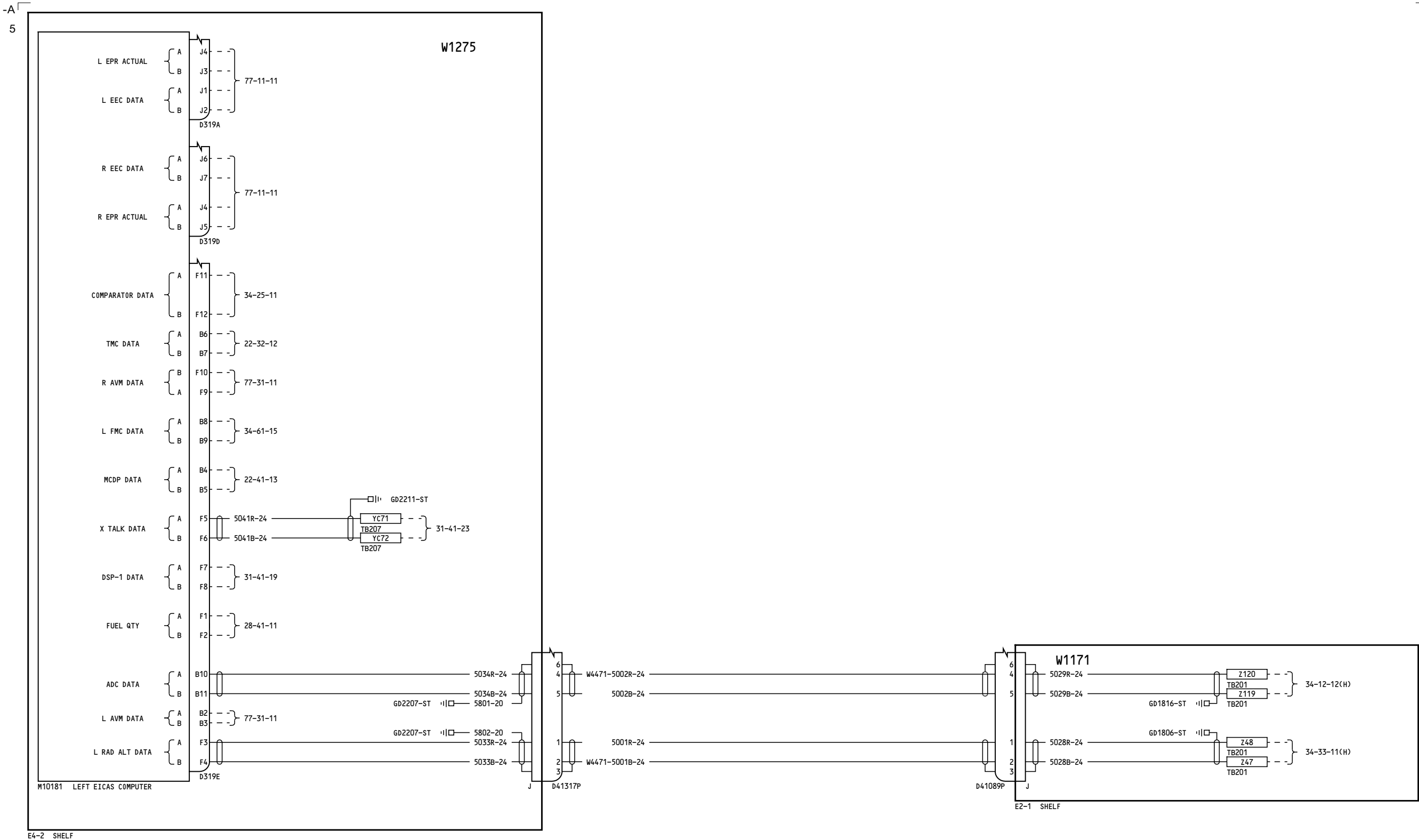


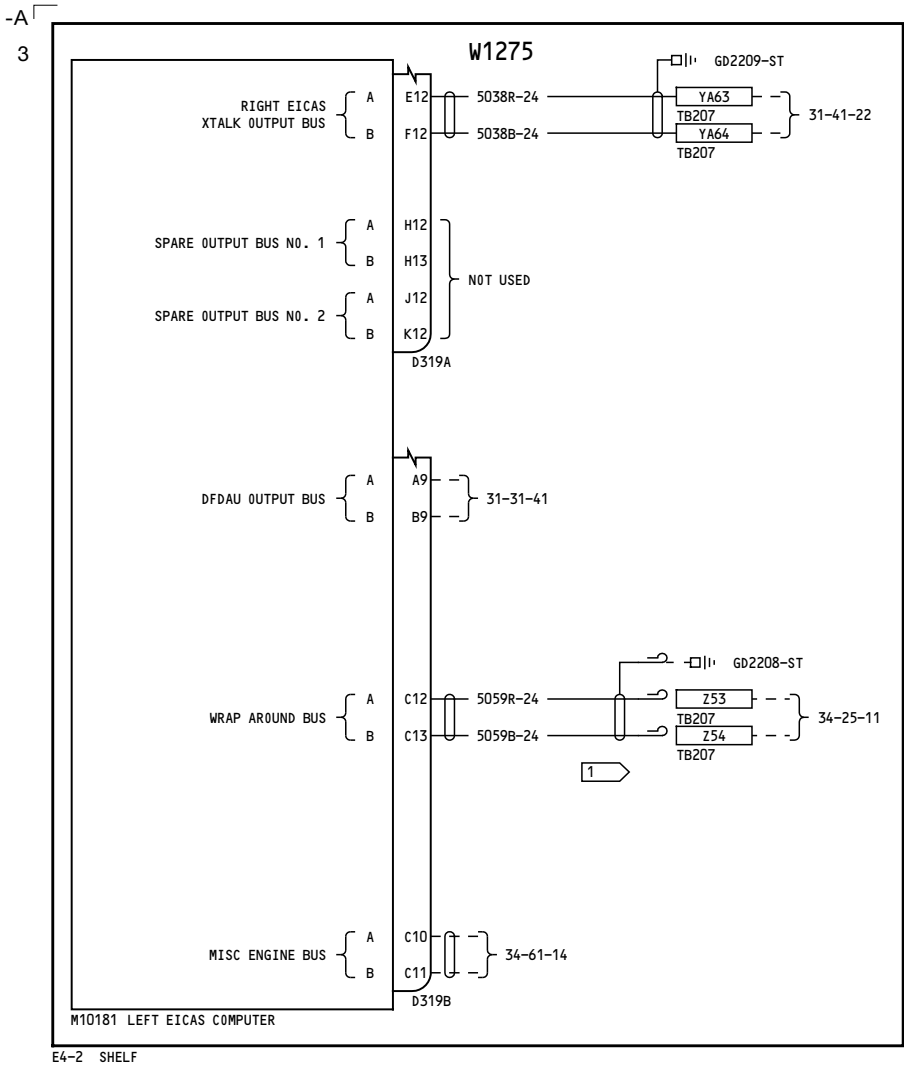
The diagram illustrates the electrical connections between the M10181 Left EICAS Computer (W1275) and the E2-1 Shelf (W1171). The connections are organized into several sections:

- Top Section (77-11-11):** Connections for L EPR ACTUAL (J4, J3), L EEC DATA (J1, J2), R EEC DATA (J6, J7), and R EPR ACTUAL (J4, J5) to terminal block D319A and D319D.
- Middle Section (34-25-11):** EFIS COMPARATOR DATA (F11, F12) to terminal block D319E.
- Lower Middle Section:** TMC DATA (B6, B7) to 22-32-12; R AVM DATA (F10, F9) to 77-31-11; L FMC DATA (B8, B9) to 34-61-15; MCDP DATA (B4, B5) to 22-41-13.
- Bottom Section (31-41-23):** X TALK DATA (F5, F6) to 5041R-24, 5041B-24, YC71, TB207, YC72, and TB207.
- Bottom Section (31-41-19):** DSP-1 DATA (F7, F8) to 31-41-19.
- Bottom Section (28-41-11):** FUEL QTY (F1, F2) to 28-41-11.
- Bottom Section (34-12-12):** ADC DATA (B10, B11) to 5034R-24, 5034B-24, 5801-20, and 5802-20.
- Bottom Section (77-31-11):** L AVM DATA (B2, B3) to 77-31-11.
- Bottom Section (34-22-19):** L RAD ALT DATA (F3, F4) to 5033R-24, 5033B-24, 5001R-24, and 5001B-24.
- Power and Ground Connections:** Various power and ground lines (e.g., 5029R-24, 5029B-24, 5028R-24, 5028B-24) are connected to terminal block D41089P and D41317P.
- Component Labels:** YC71, YC72, TB207, Z120, Z119, Z48, and Z47 are labeled as components connected to the wiring.

Jan 21/2005

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.





**NOTES:**

1 CAP AND STOW NEAR TB207

001-099

**EICAS COMPUTER - LEFT  
DATA OUTPUT BUSES**

D280N032

**31-41-13**

Page 1

Dec 18/2007

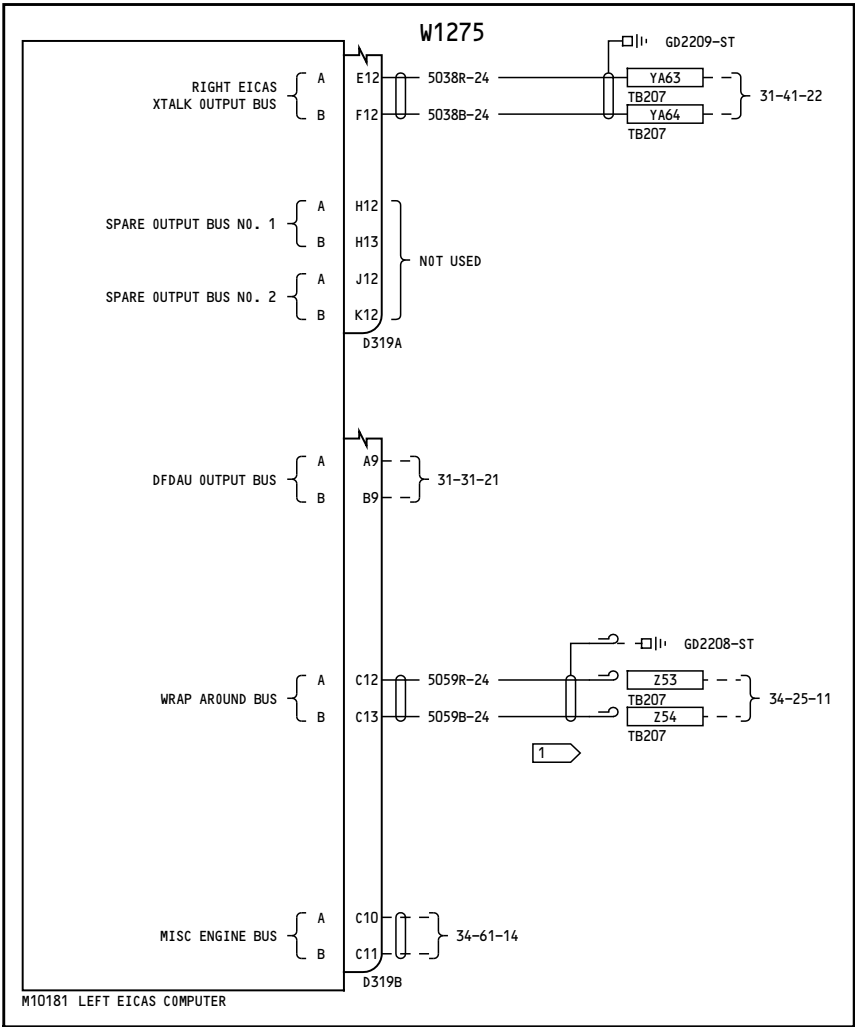
**31-41-13**

Page 1

Dec 18/2007



51



E4-2 SHELF

**NOTES:**

1 CAP AND STOW NEAR TB207

115-199

**EICAS COMPUTER - LEFT  
DATA OUTPUT BUSES**

D280N032

**31-41-13**

Page 2

Dec 18/2007

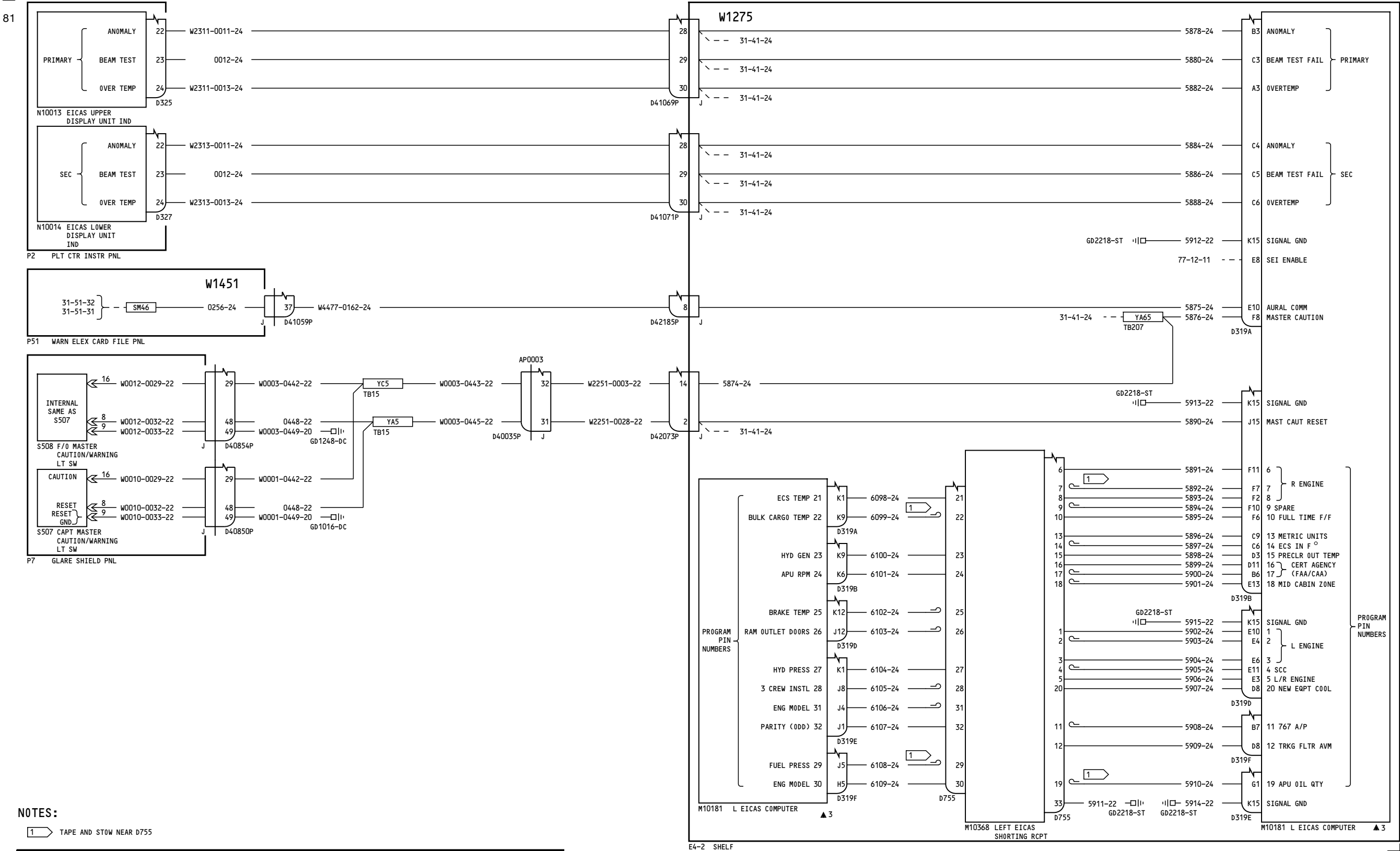
**31-41-13**

Page 2

Dec 18/2007







NOTES:  
 1 TAPE AND STOW NEAR D755

002-003, 005, 010-099	EICAS COMPUTER - LEFT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS
	D280N032

31-41-14

Page 2

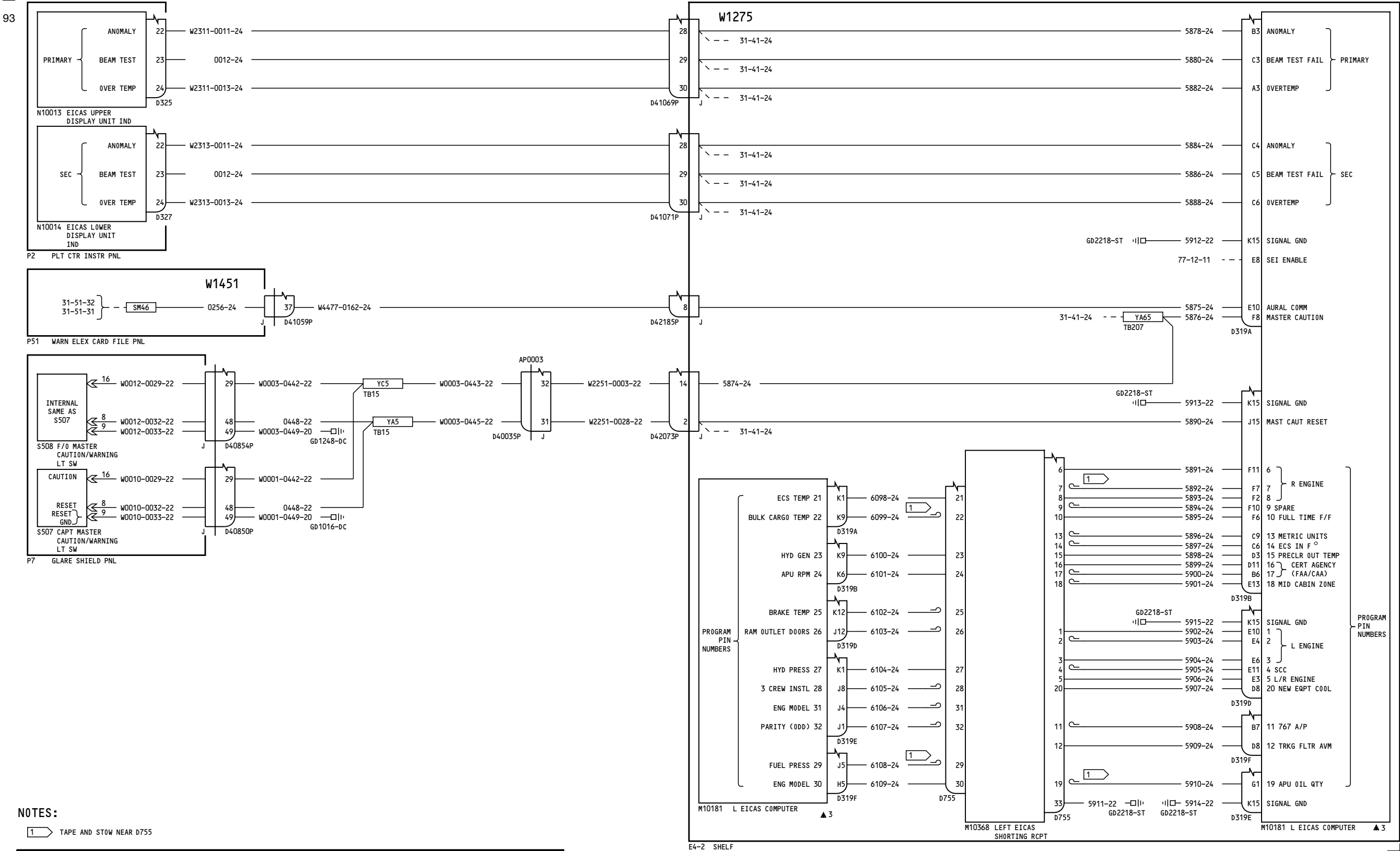
Jan 21/2005

31-41-14

Page 2

Jan 21/2005





004, 006-008

EICAS COMPUTER - LEFT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS

D280N032

31-41-14

Page 3

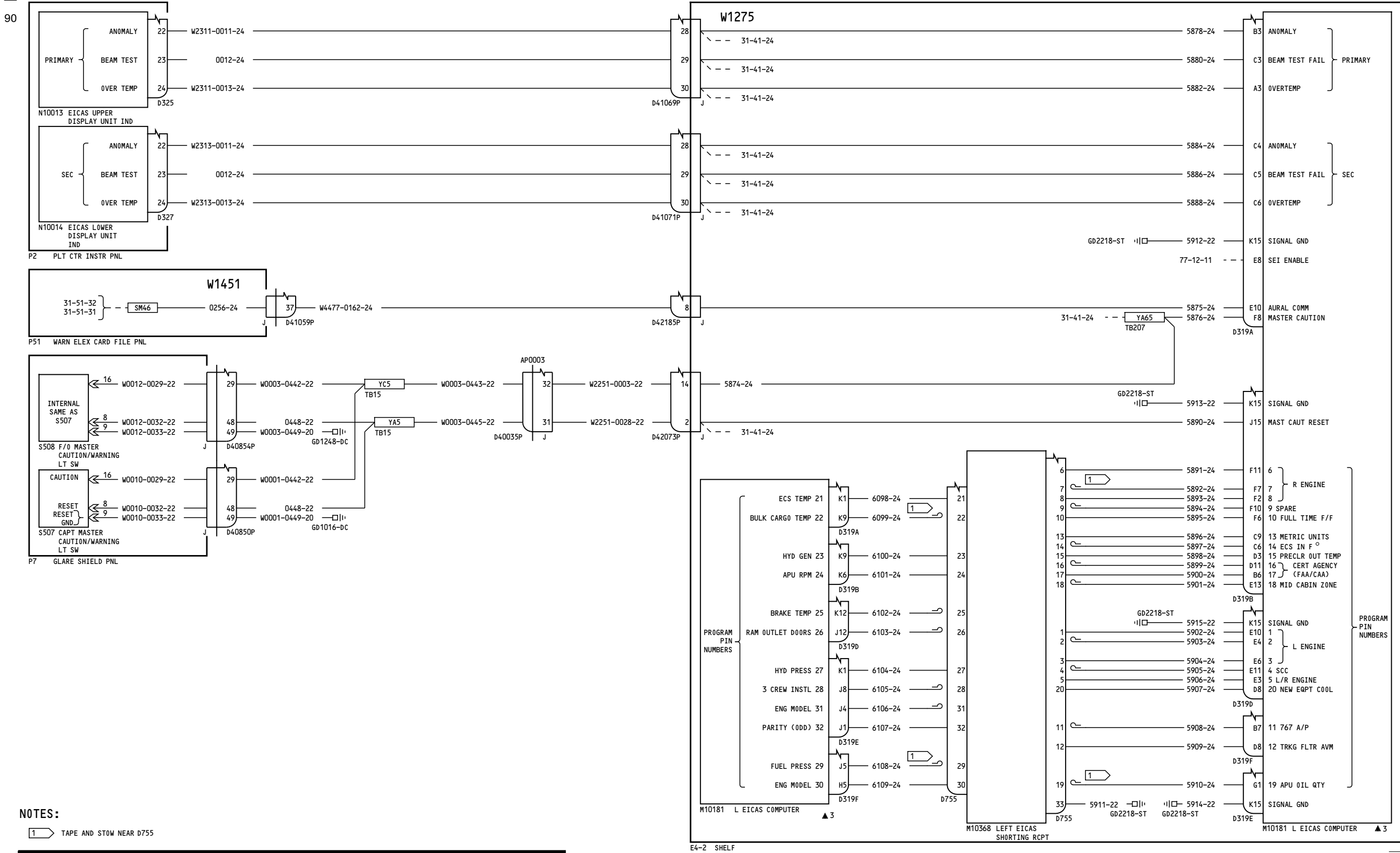
Jan 21/2005

31-41-14

Page 3

Jan 21/2005





EICAS COMPUTER - LEFT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS

31-41-14

Page 4

Jan 21/2005

31-41-14

Page 4

Jan 21/2005









**31-41-14**

Page 5.1

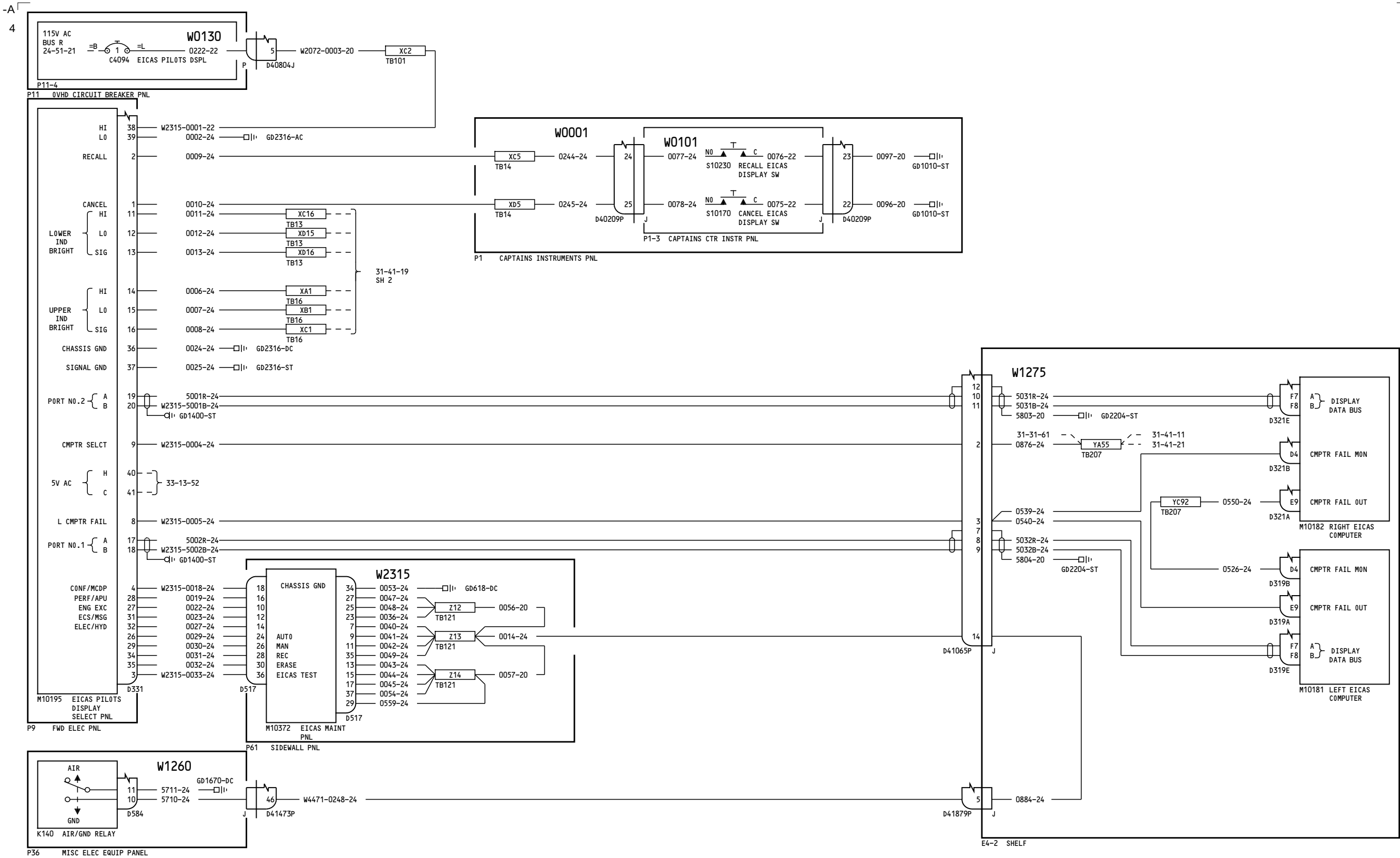
Jan 21/2005

Incorporates  
▶ 31-0059 R01

**31-41-14**

Page 5.1

Jan 21/2005



001-099

EICAS COMPUTER - DISPLAY  
SELECT PANEL

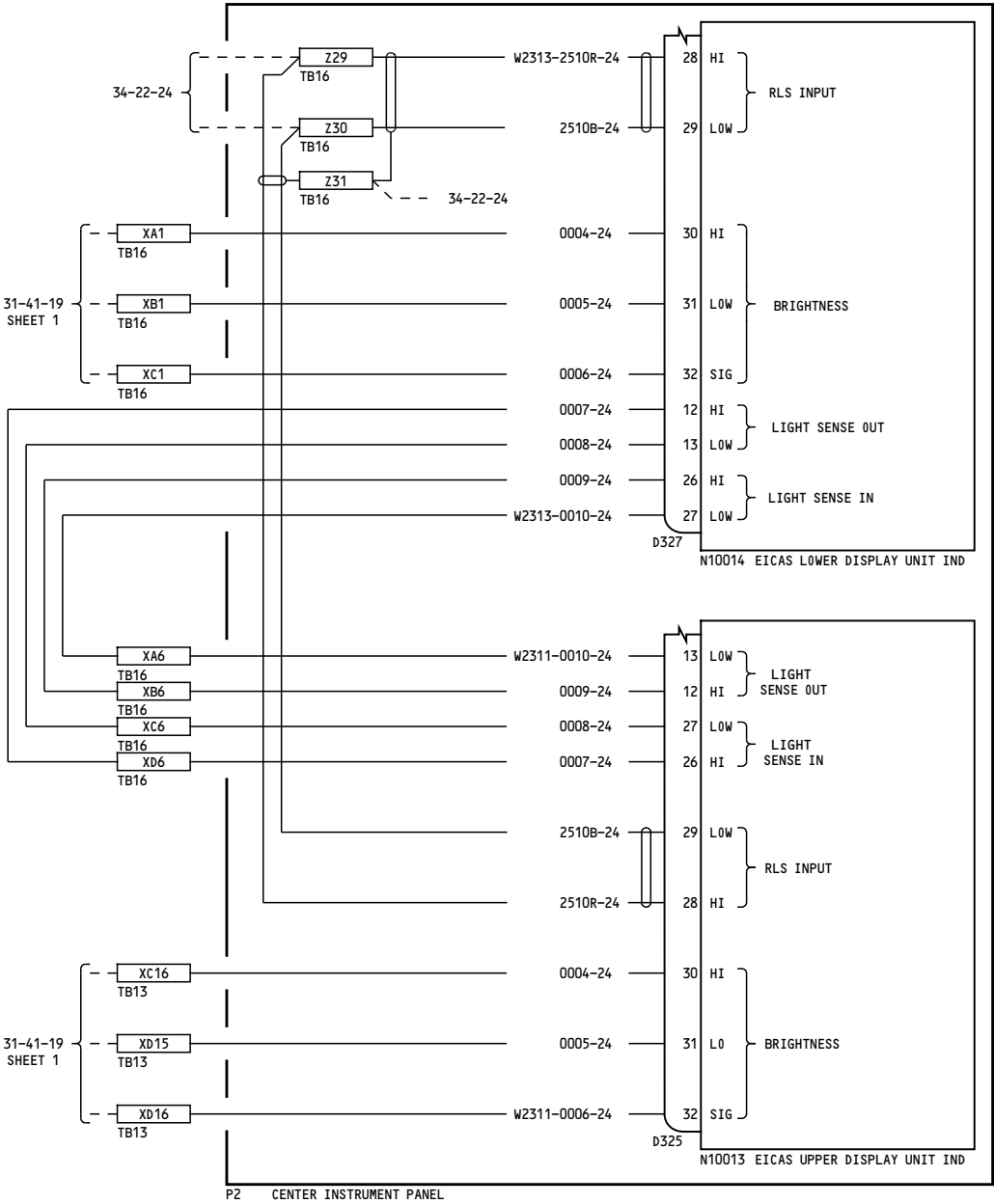
D280N032

31-41-19

Page 1  
Sheet 1  
Jan 21/2005

31-41-19

Page 1  
Sheet 1  
Jan 21/2005



001-099

EICAS COMPUTER - DISPLAY  
SELECT PANEL

D280N032

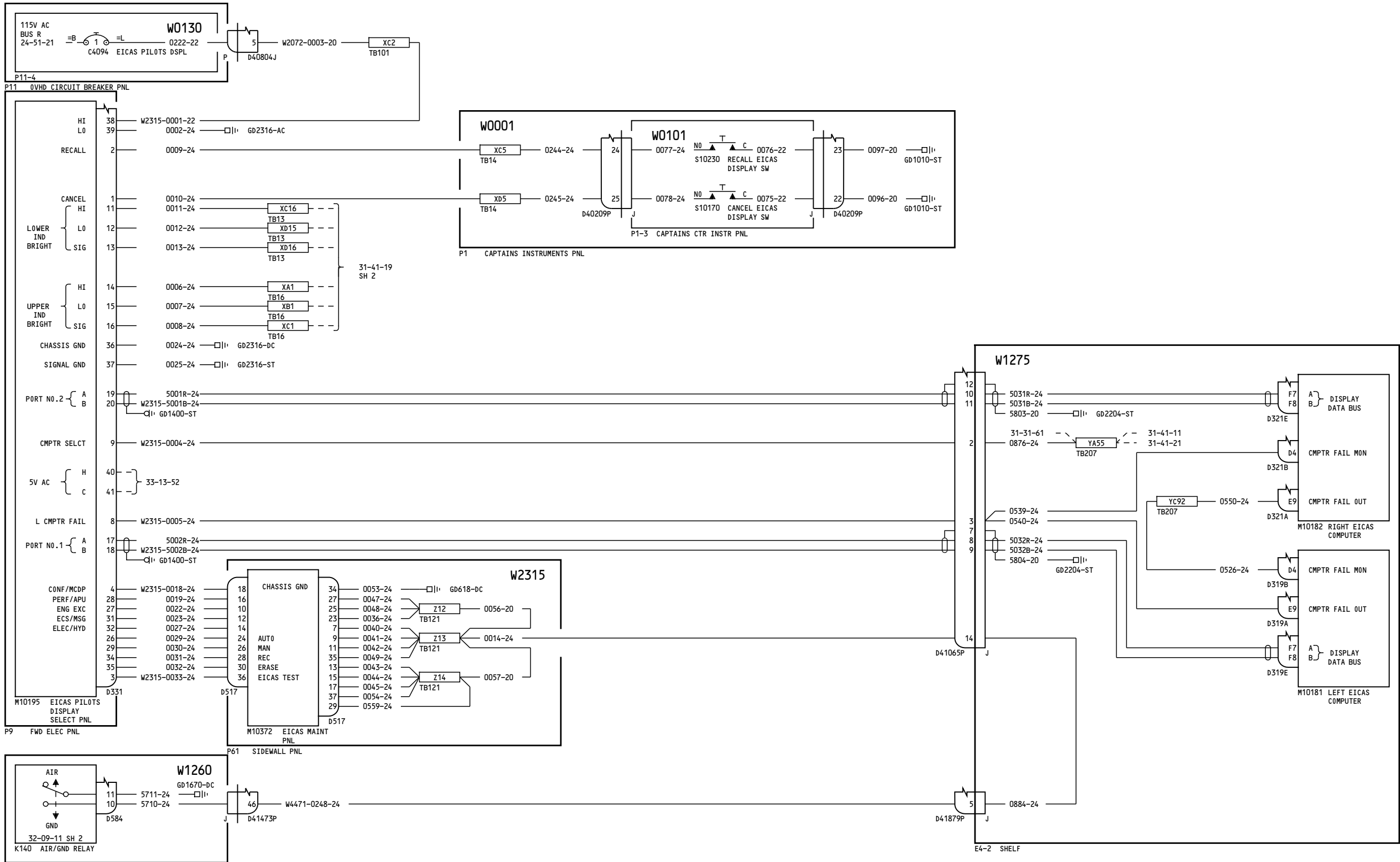
31-41-19

Page 1  
Sheet 2  
Jan 21/2005

31-41-19

Page 1  
Sheet 2  
Jan 21/2005

33



001-002

EICAS COMPUTER - DISPLAY SELECT PANEL

D280N032

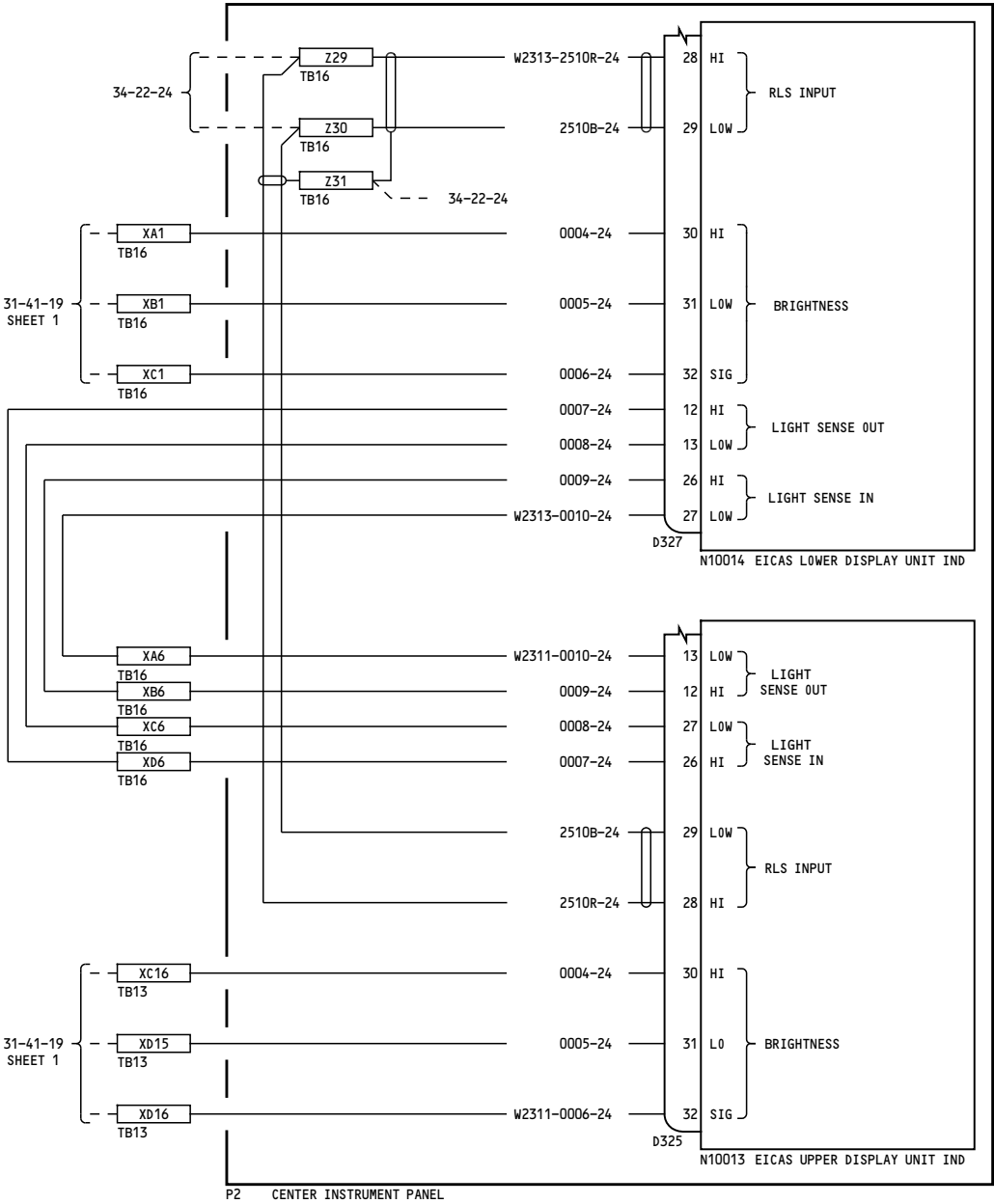
31-41-19

Page 1.1  
Sheet 1  
Jan 21/2005

Incorporates  
27A0130 R01

31-41-19

Page 1.1  
Sheet 1  
Jan 21/2005



001-002

EICAS COMPUTER - DISPLAY  
SELECT PANEL

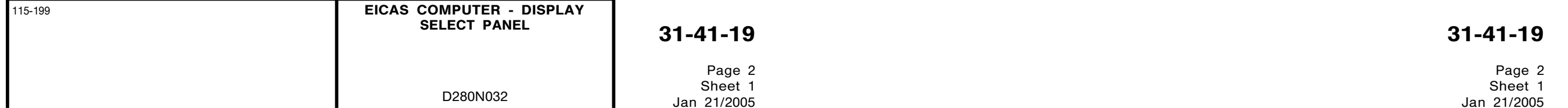
D280N032

31-41-19

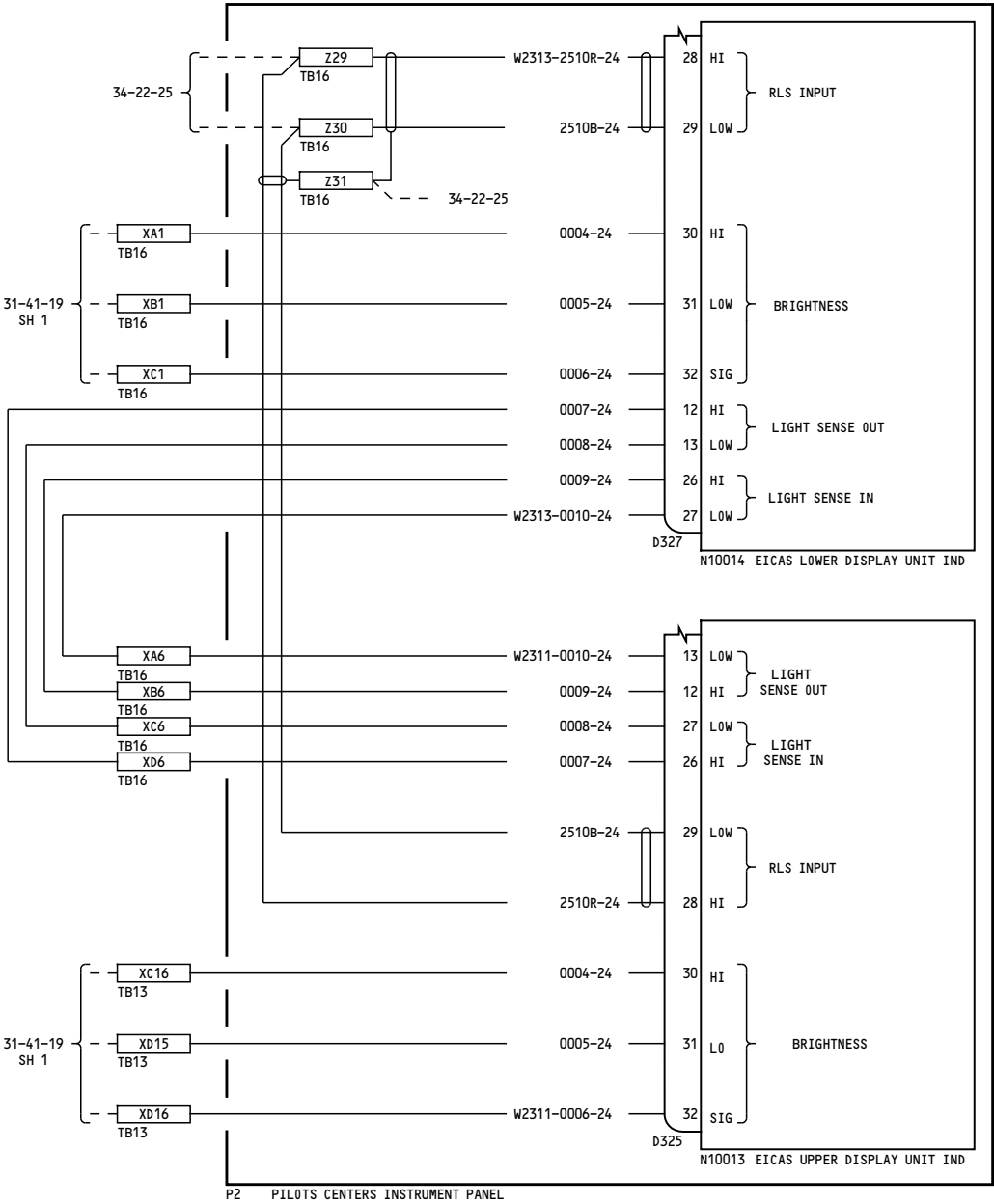
Page 1.1  
Sheet 2  
Jan 21/2005

31-41-19

Page 1.1  
Sheet 2  
Jan 21/2005







115-199

EICAS COMPUTER - DISPLAY  
SELECT PANEL

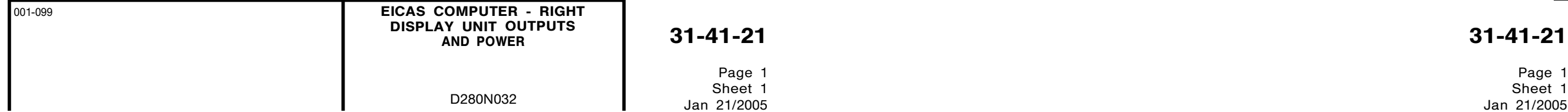
D280N032

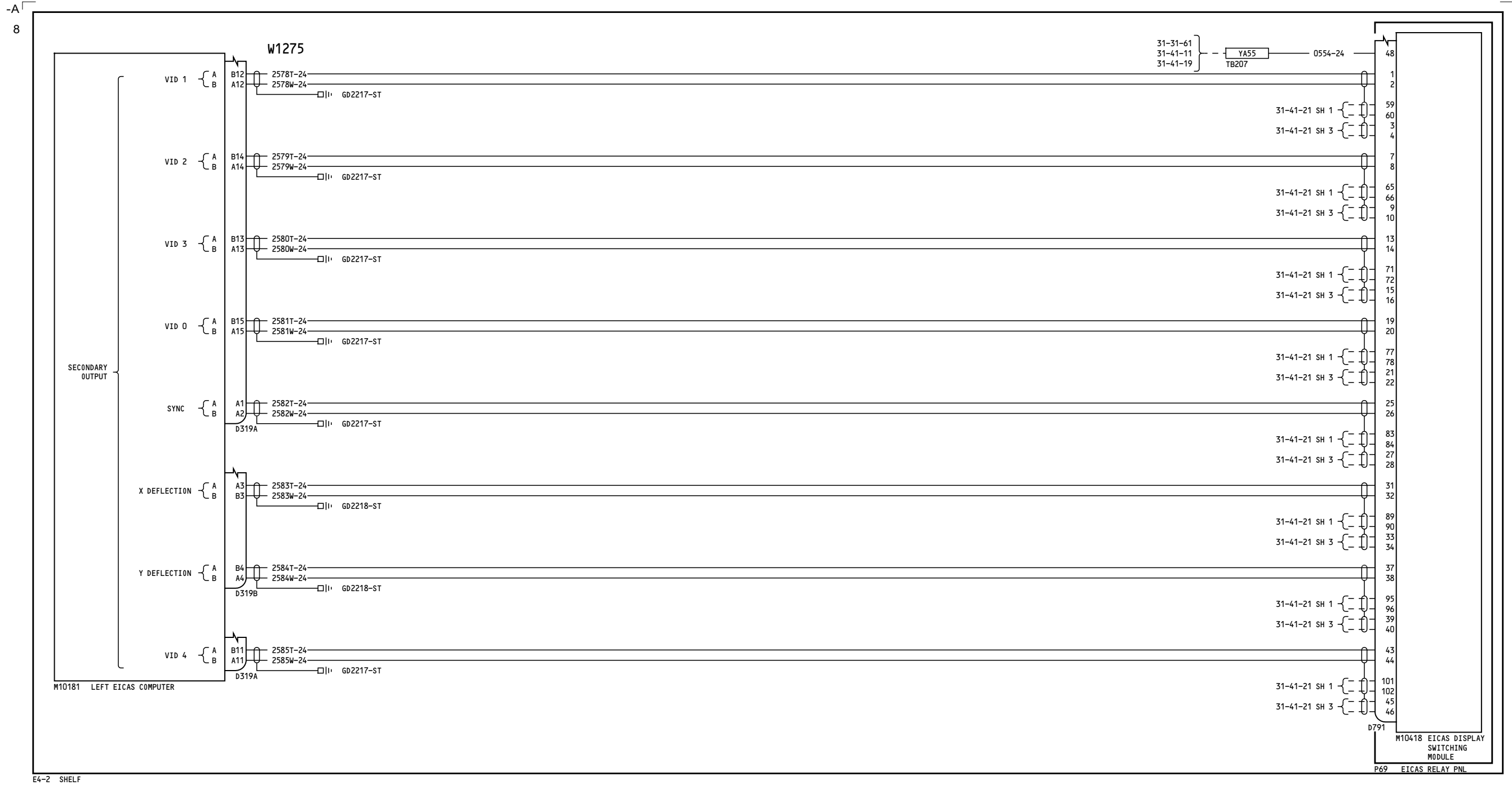
31-41-19

Page 2  
Sheet 2  
Jan 21/2005

31-41-19

Page 2  
Sheet 2  
Jan 21/2005





001-099

**EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS  
AND POWER**

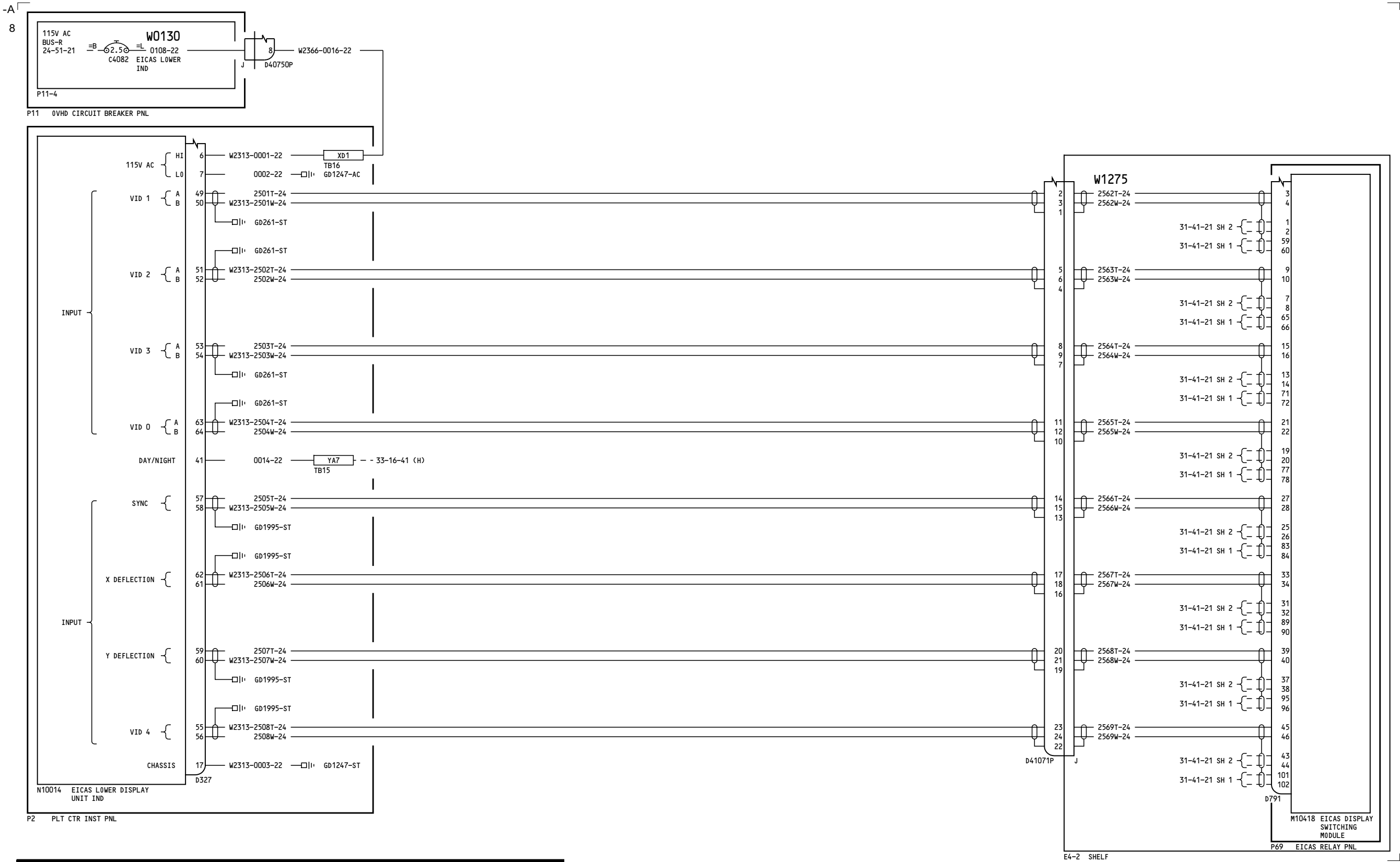
D280N032

**31-41-21**

Page 1  
Sheet 2  
Jan 21/2005

**31-41-21**

Page 1  
Sheet 2  
Jan 21/2005



001-099

EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS  
AND POWER

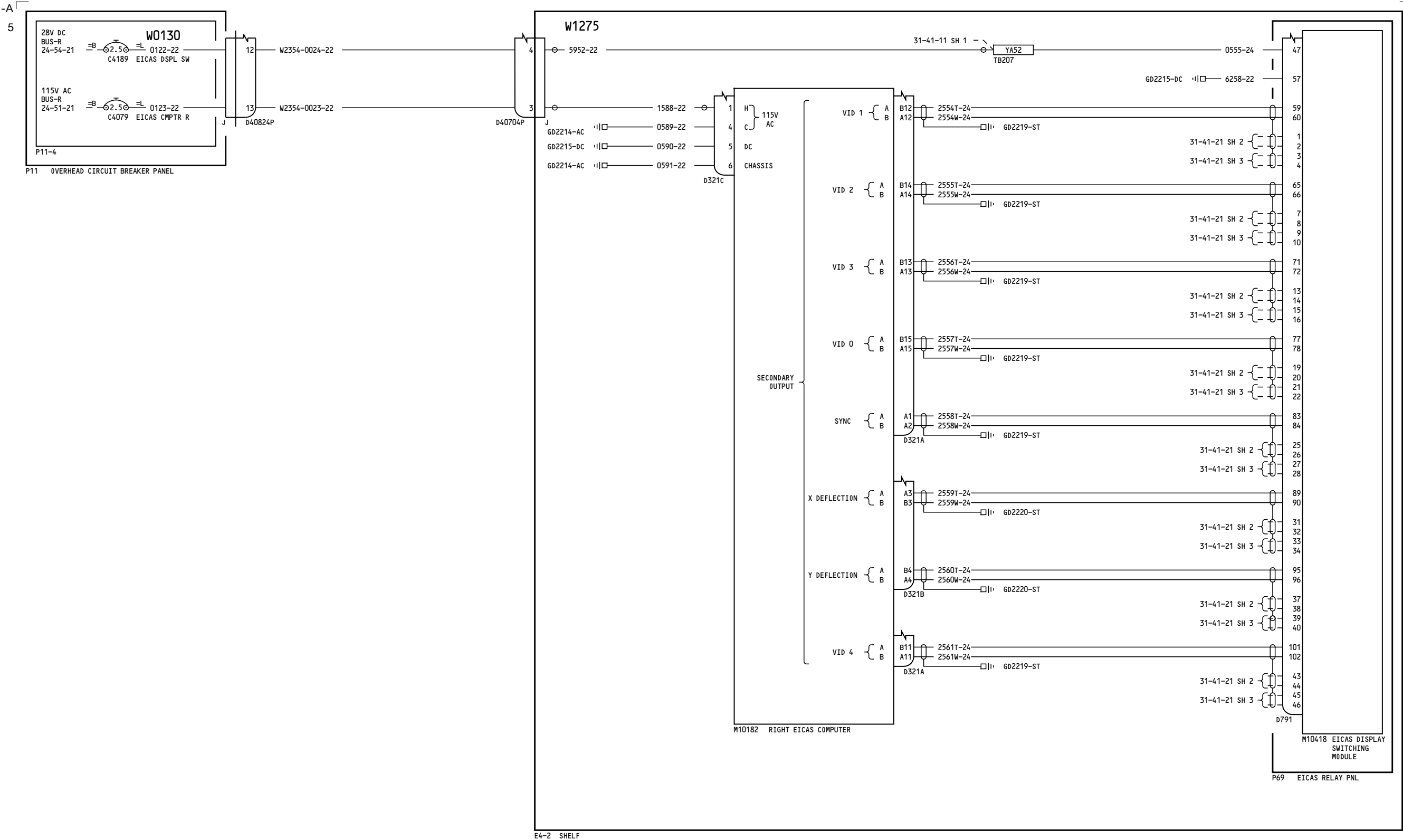
D280N032

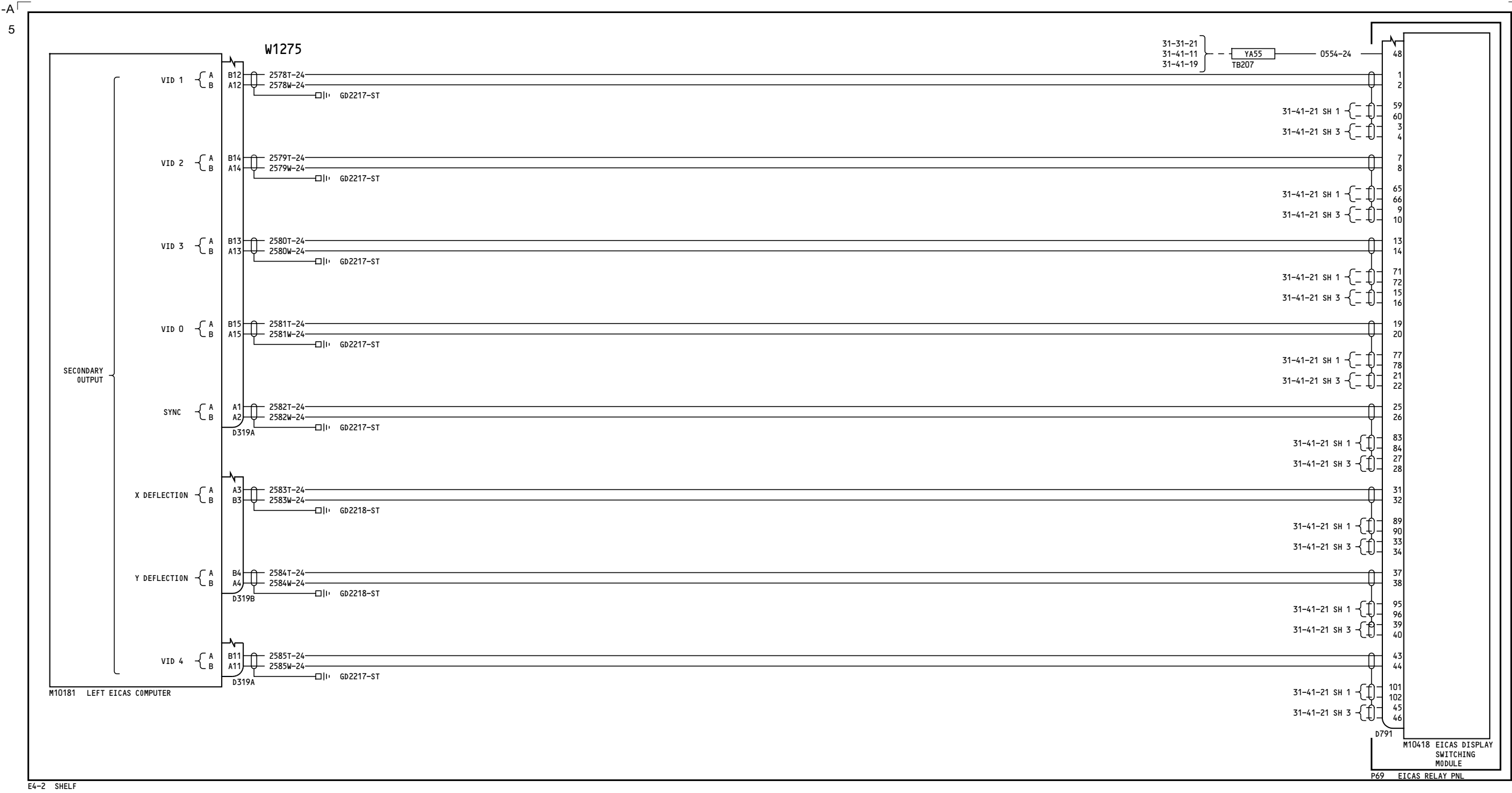
31-41-21

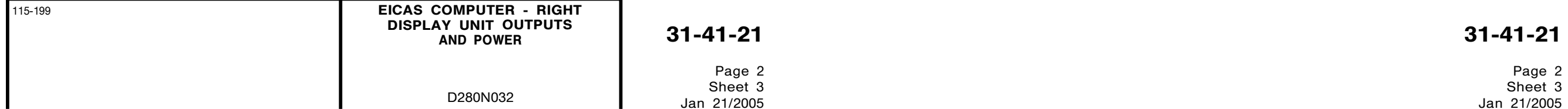
Page 1  
Sheet 3  
Jan 21/2005

31-41-21

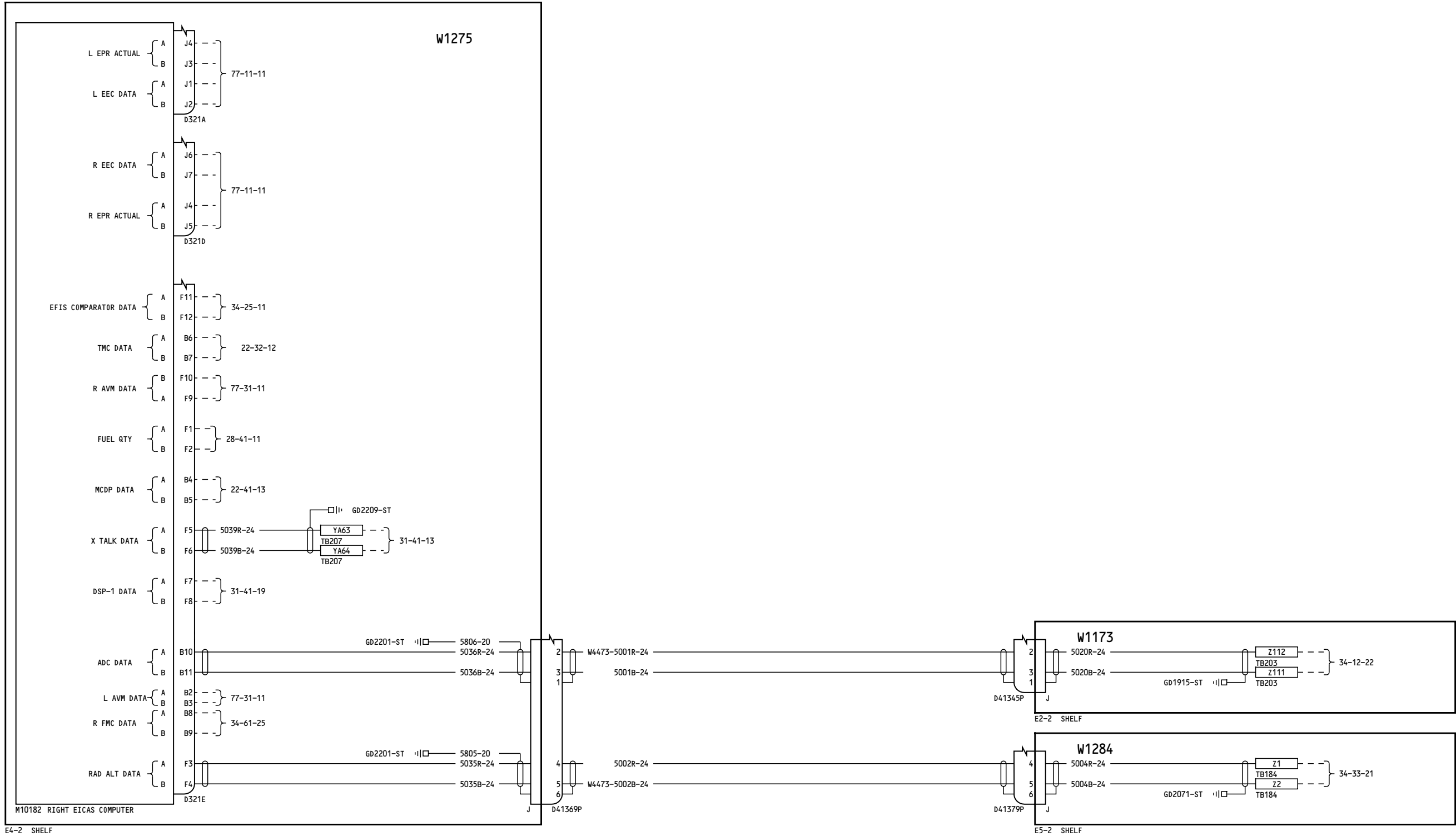
Page 1  
Sheet 3  
Jan 21/2005







9



001-099

**EICAS COMPUTER - RIGHT  
DATA INPUTS**

D280N032

**31-41-22**

Page 1

Jan 21/2005

**31-41-22**

Page 1

Jan 21/2005





**31-41-22**

Page 1.1

Jan 21/2005

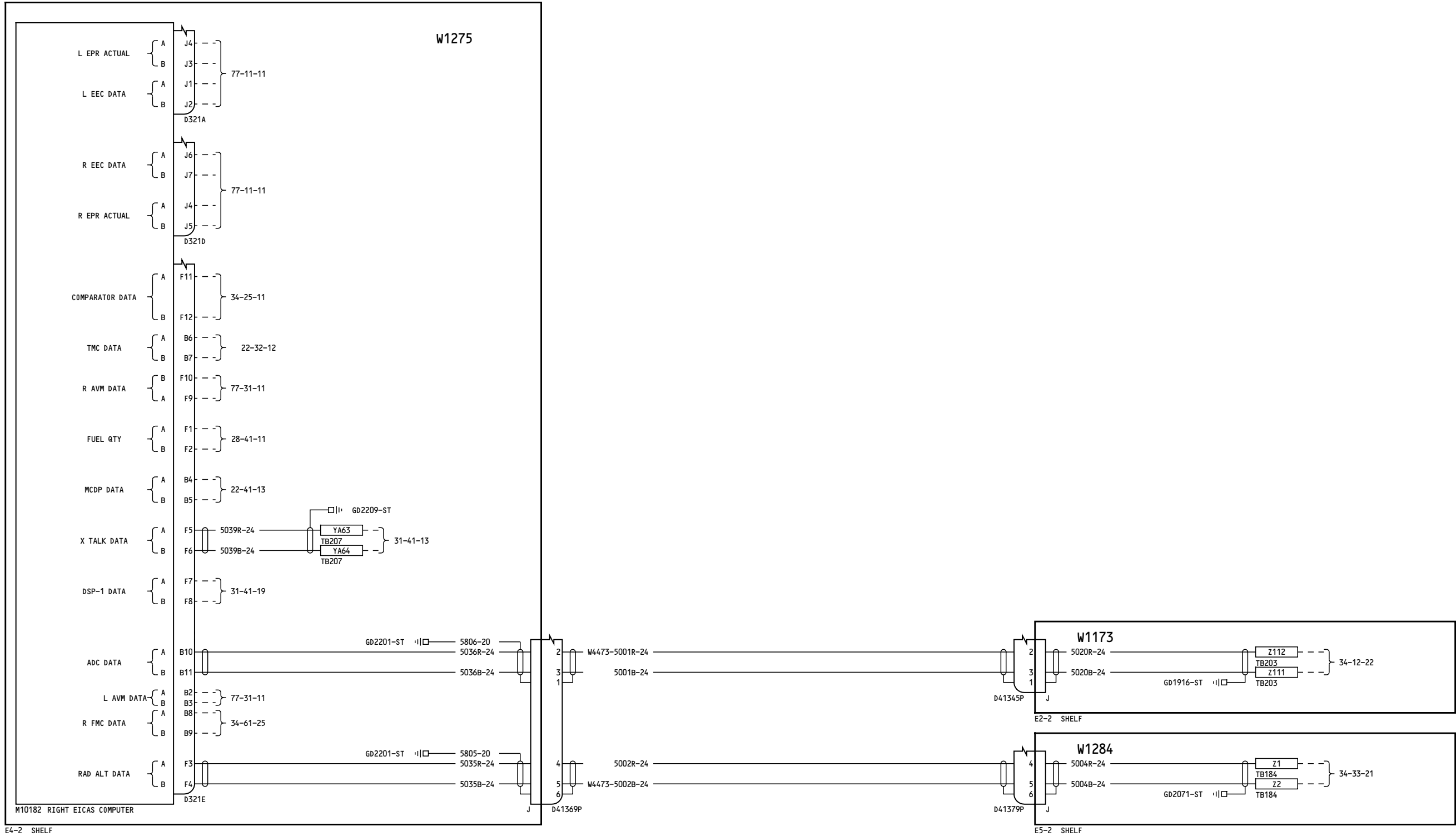
Incorporates  
▶ 34-0200

**31-41-22**

Page 1.1

Jan 21/2005

5



115-199

EICAS COMPUTER - RIGHT  
DATA INPUTS

D280N032

31-41-22

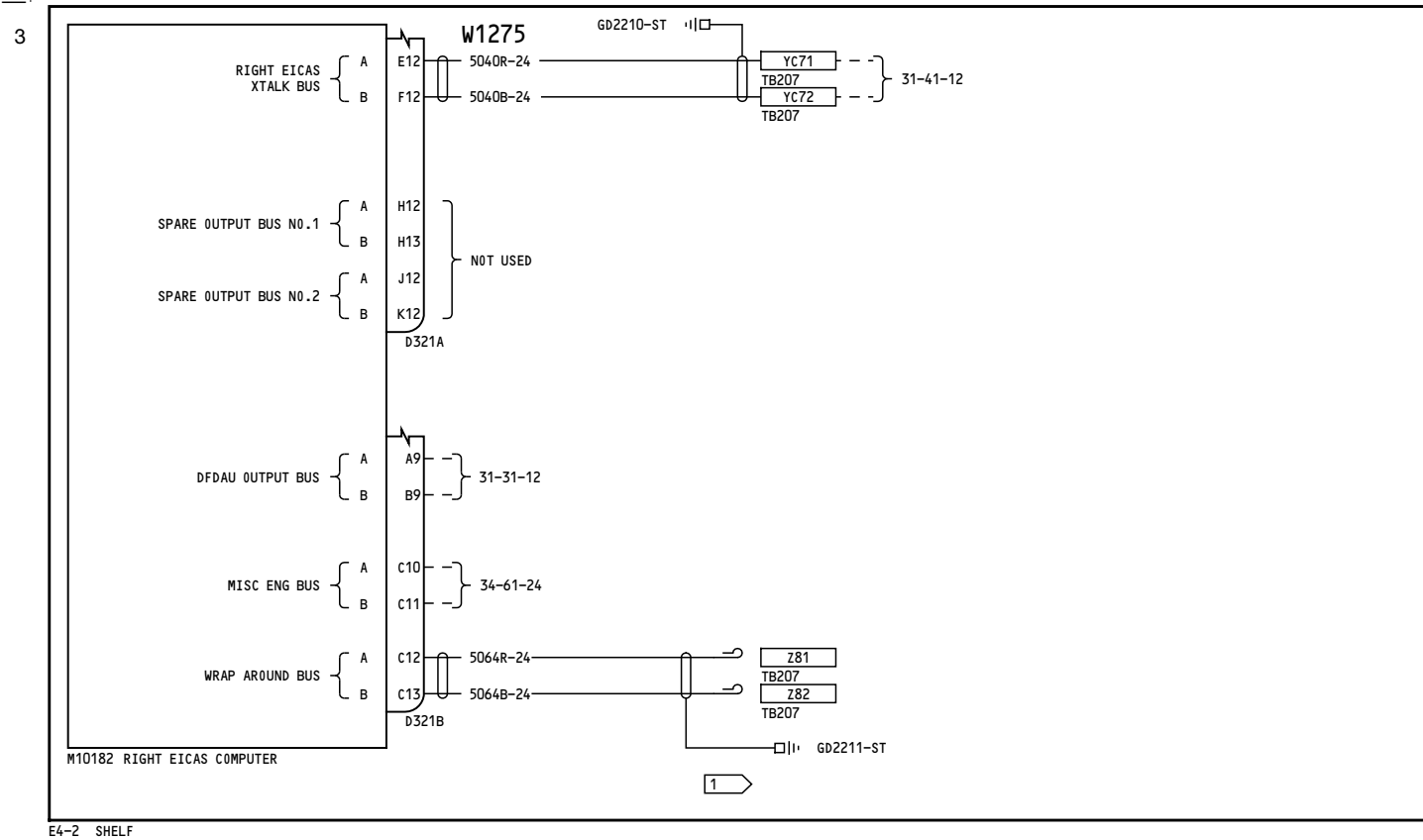
Page 2

Jan 21/2005

31-41-22

Page 2

Jan 21/2005



**NOTES:**

1 CAP AND STOW NEAR TB207

001-099

**EICAS COMPUTER - RIGHT  
DATA OUTPUT BUSES**

D280N032

**31-41-23**

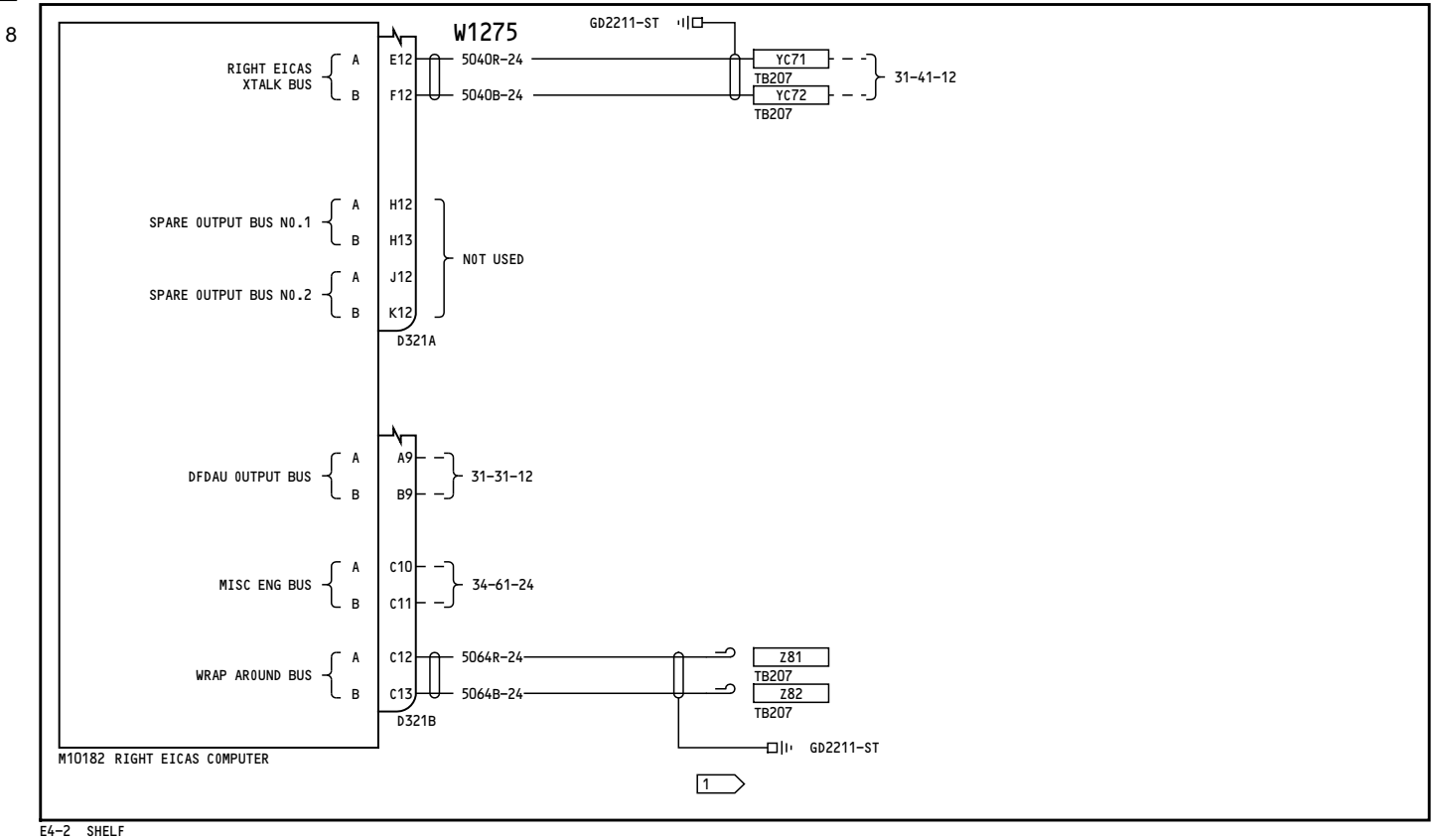
Page 1

Jan 21/2005

**31-41-23**

Page 1

Jan 21/2005



NOTES:

1 CAP AND STOW NEAR TB207

115-199

EICAS COMPUTER - RIGHT  
DATA OUTPUT BUSES

D280N032

31-41-23

Page 2

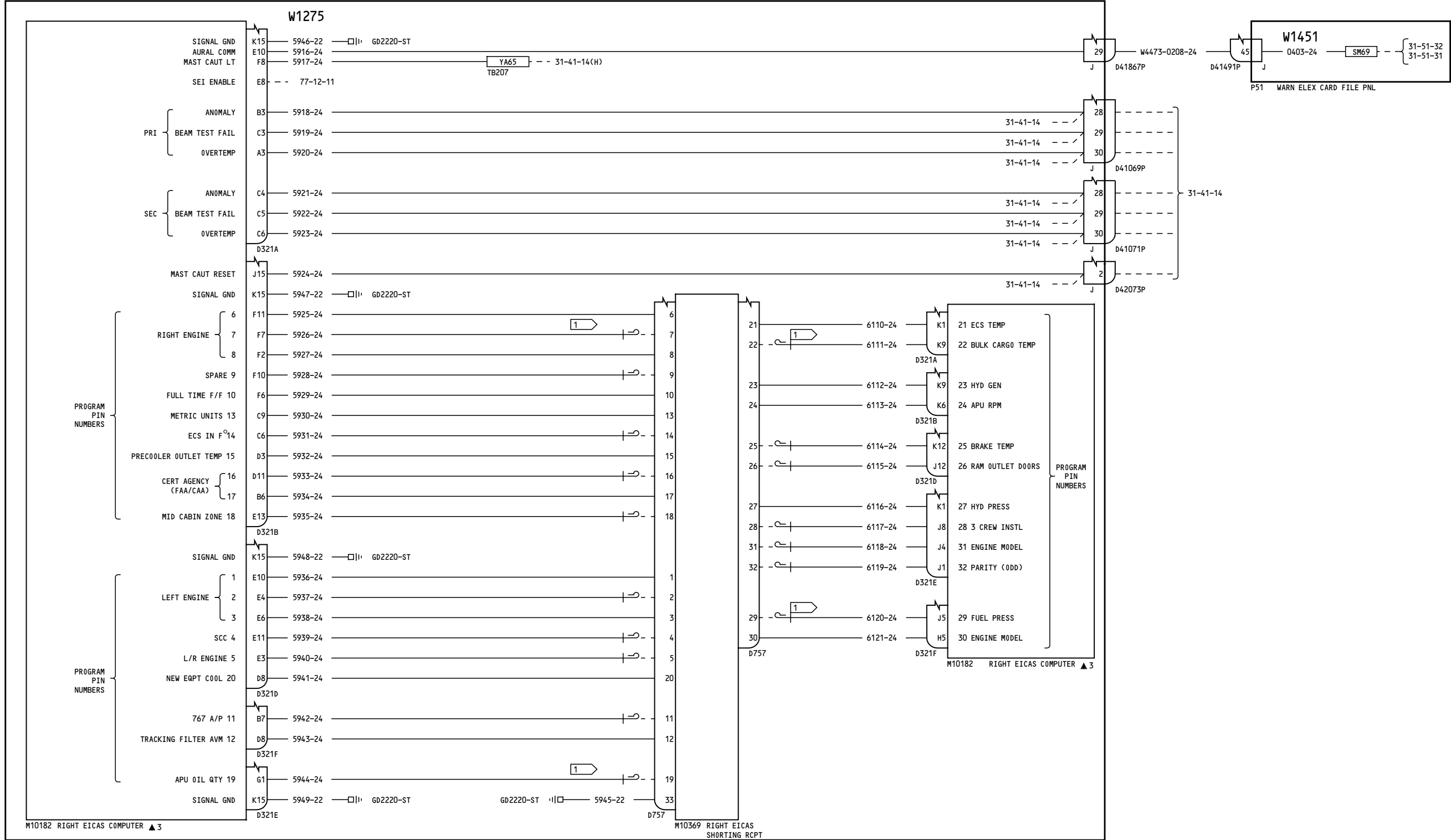
Jan 21/2005

31-41-23

Page 2

Jan 21/2005

-A  
76



E4-2 SHELF  
NOTES: 1 TAPE AND STOW NEAR D757

001

**EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS**

D280N032

31-41-24

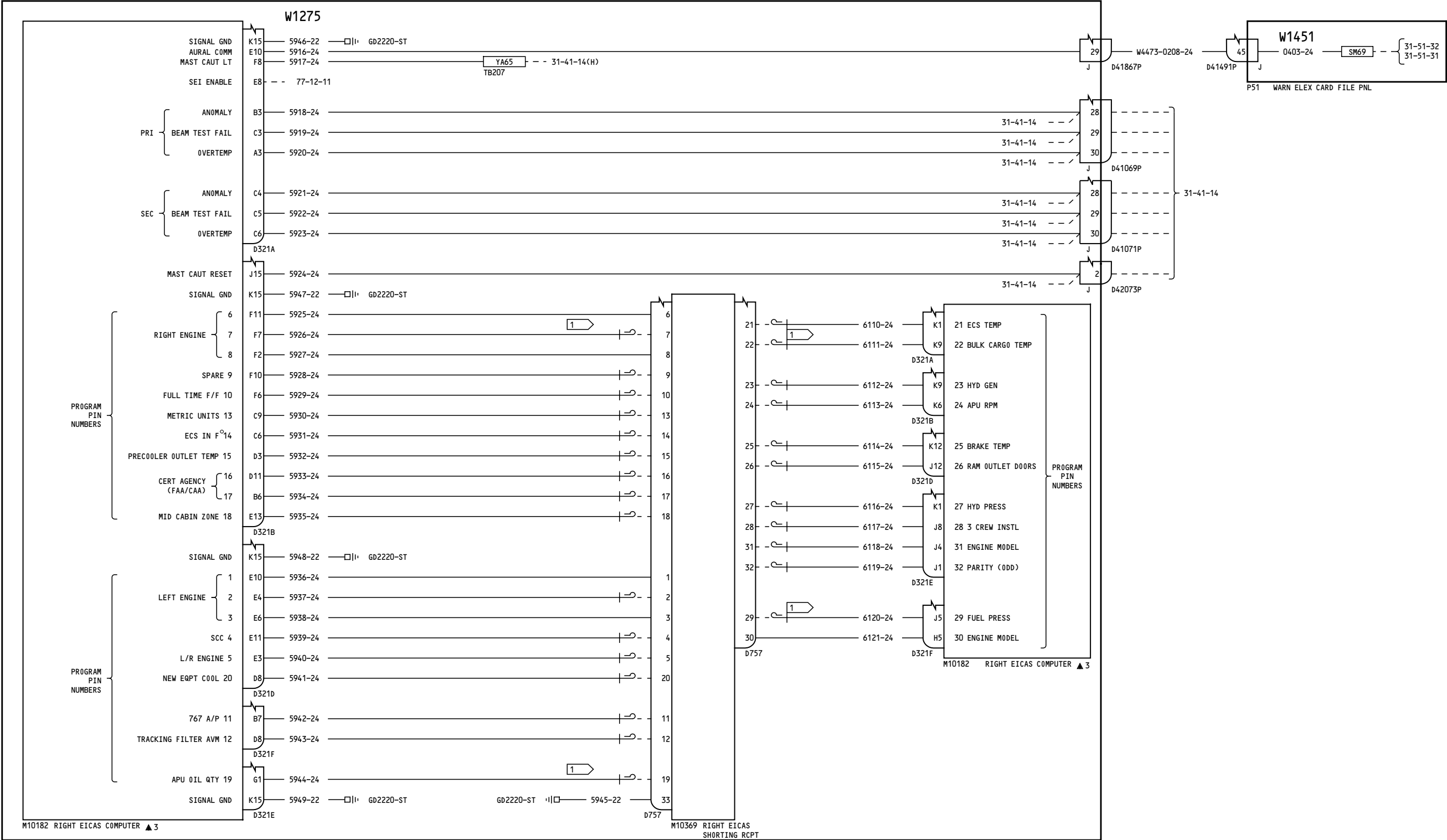
Page 1

Jan 21/2005

31-41-24

Page 1

Jan 21/2005



E4-2 SHELF

NOTES: 1 TAPE AND STOW NEAR D757

001

EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS

D280N032

31-41-24

Page 1.1

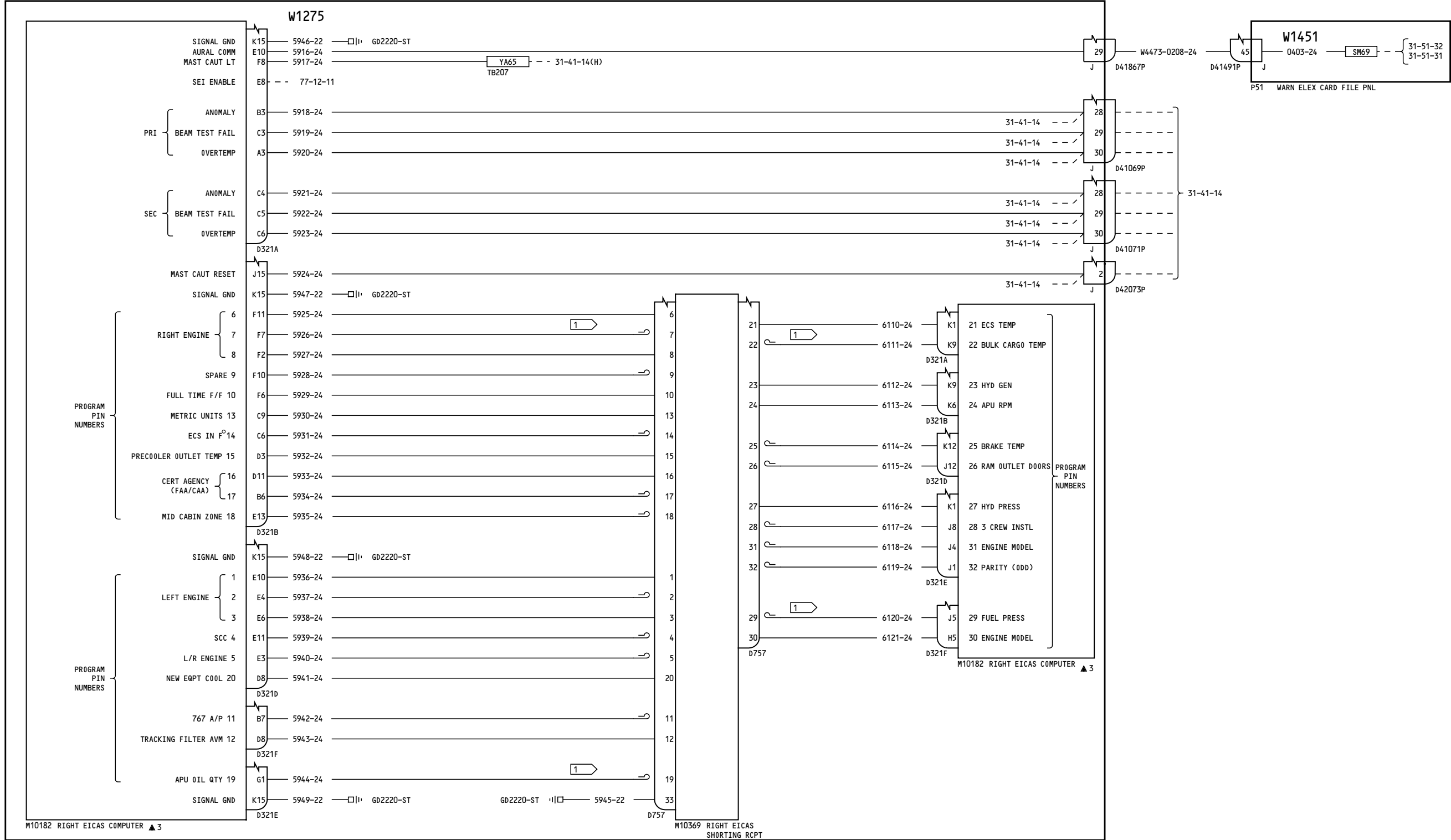
Jan 21/2005

Incorporates  
31-0059 R01

31-41-24

Page 1.1

Jan 21/2005



E4-2 SHELF

NOTES: 1 TAPE AND STOW NEAR D757

002-003, 005, 010-099

EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS

D280N032

31-41-24

Page 2

Jan 21/2005

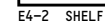
31-41-24

Page 2

Jan 21/2005



271



NOTES: 1 TAPE AND STOW NEAR D757

### EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS

**31-41-24**

Jan 21/2005

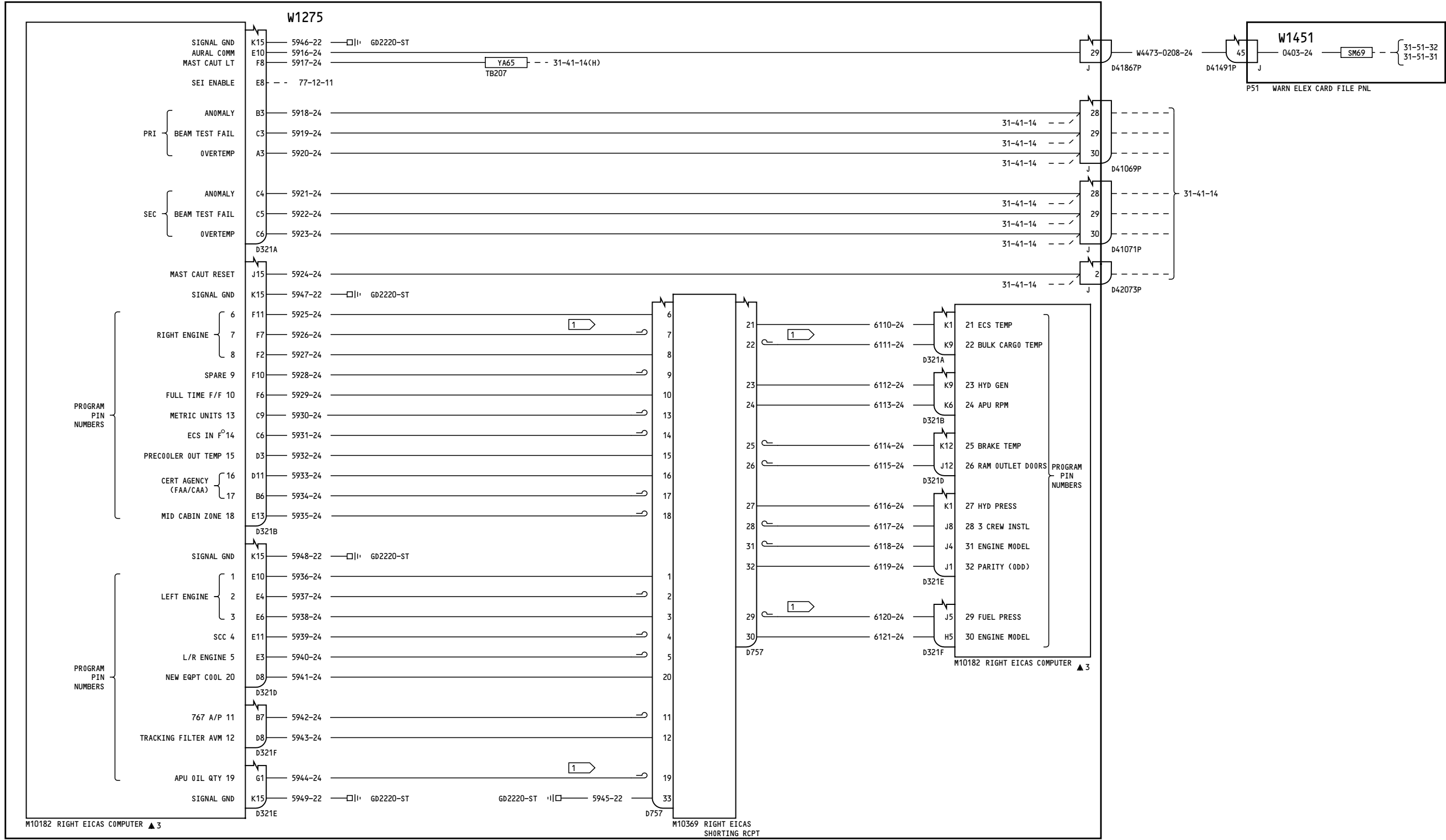
**31-41-24**

Jan 21/2005

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.



-A  
94



E4-2 SHELF

NOTES: 1 TAPE AND STOW NEAR D757

004, 006-008

EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS

D280N032

31-41-24

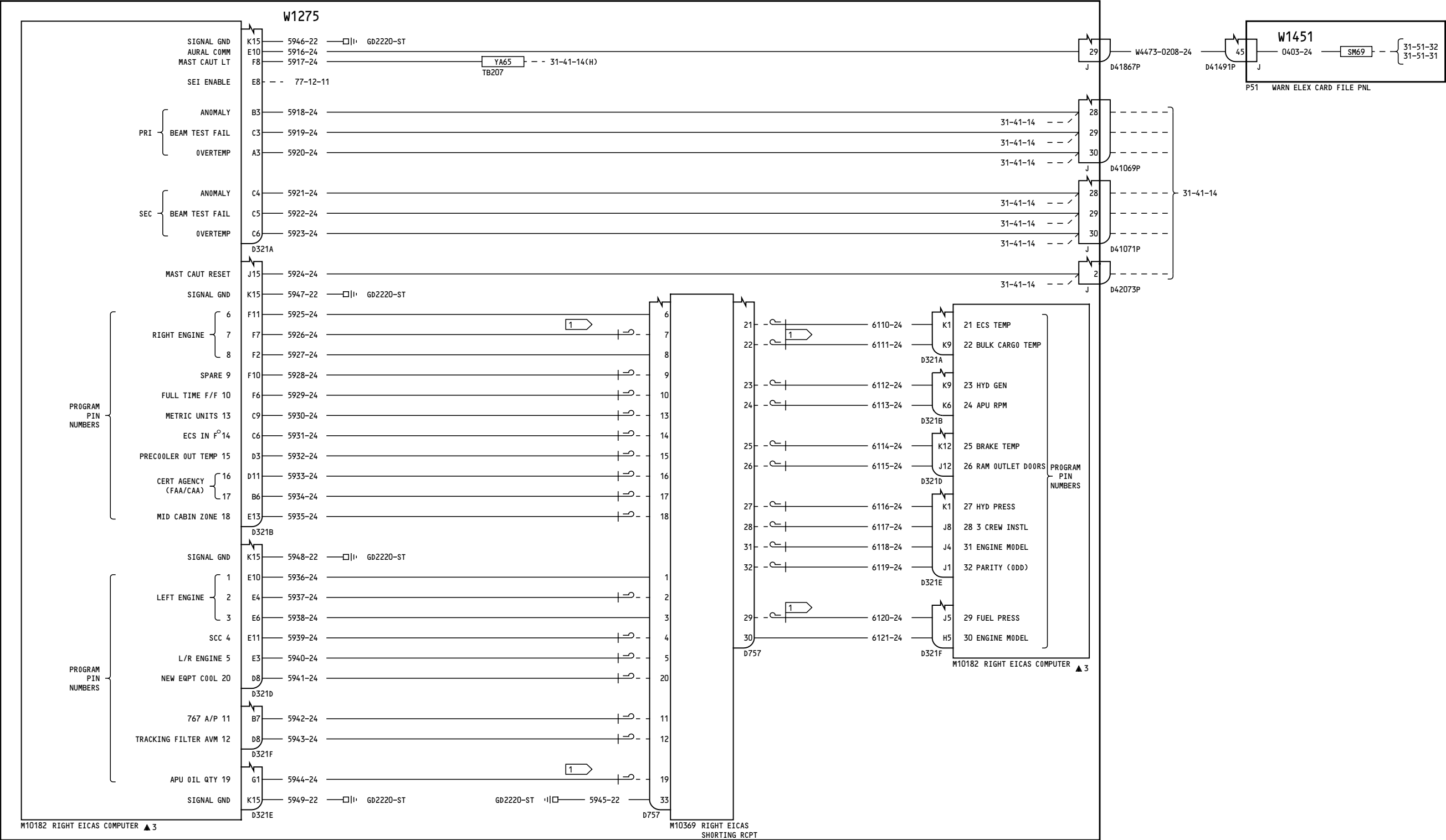
Page 3

Jan 21/2005

31-41-24

Page 3

Jan 21/2005



E4-2 SHELF

NOTES: 1 TAPE AND STOW NEAR D757

004, 006-008

**EICAS COMPUTER - RIGHT  
DISPLAY UNIT OUTPUTS AND  
POWER - PROGRAM PINS**

D280N032

31-41-24

Page 3.1

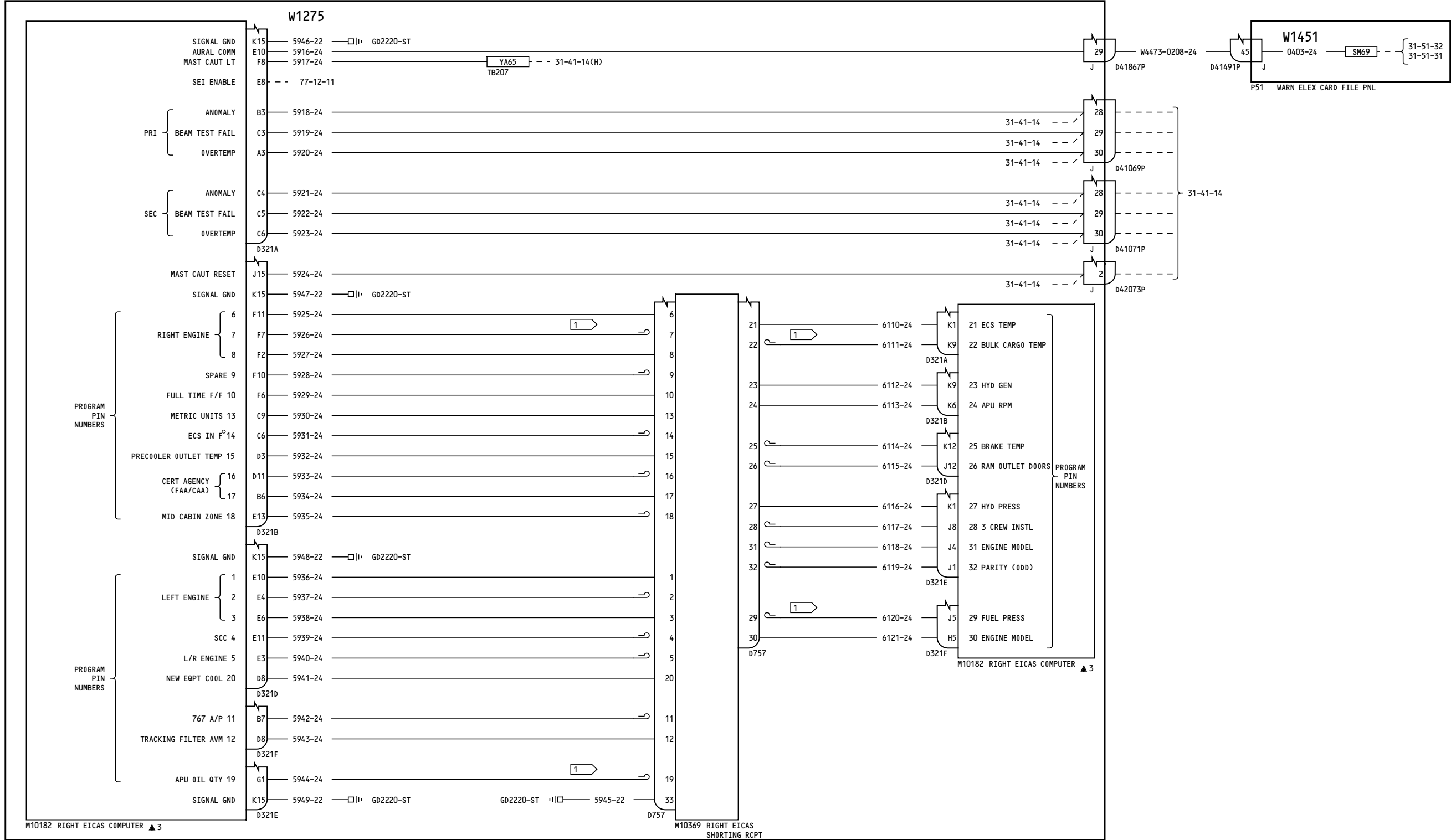
Jan 21/2005

Incorporates  
31-0059 R01

31-41-24

Page 3.1

Jan 21/2005



NOTES: 1 TAPE AND STOW NEAR D757



270



009

## EICAS COMPUTER - RIGHT DISPLAY UNIT OUTPUTS AND POWER - PROGRAM PINS

D280N032

**31-41-24**

Page 4.1

Jan 21/2005

Incorporates  
▶ 31-0059 R01

**31-41-24**

Page 4.1

Jan 21/2005

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details



The diagram illustrates the wiring for three main components: W1275, W1451, and M10182 R EICAS COMPUTER.

- W1275:** Contains various input signals such as SIGNAL GND, AURAL COMM, MASTER CAUTION LIGHT, SEI ENABLE, PRI ANOMALY, PRI BEAM TEST FAIL, PRI OVERTEMP, SEC ANOMALY, SEC BEAM TEST FAIL, SEC OVERTEMP, MASTER CAUTION RESET, RIGHT ENGINE (pins 6-8), SPARE 9, FULL TIME F/F 10, METRIC UNITS 13, ECS IN F ° 14, PRECOOLER OUT TEMP 15, CERT AGENCY (FAA/CAA) (pins 16-17), MID CABIN ZONE 18, LEFT ENGINE (pins 1-3), SCC 4, L/R ENGINE 5, NEW EQUIP COOL 20, 767 A/P 11, TRACKING FILTER AVIM 12, APU OIL QTY 19, and SIGNAL GND.
- W1451:** Includes a warning signal labeled "WARNING ELEX CARD FILE PNL".
- M10182 R EICAS COMPUTER:** Features multiple digital inputs (D321A through D321F) connected to various sensors and status indicators:
  - D321A: 21 ECS TEMP, 22 BULK CARGO TEMP
  - D321B: 23 HYD GEN, 24 APU RPM
  - D321C: 25 BRAKE TEMP, 26 RAM OUTLET DOORS
  - D321D: 27 HYD PRESS, 28 3 CREW INSTL, 31 ENG MODEL, 32 PARITY (ODD)
  - D321E: 29 FUEL PRESS, 30 ENG MODEL
  - D321F: Additional engine-related inputs.

The diagram uses standard electrical symbols for ground, power, and signal lines, along with connector types like J (Jack) and D (Digital).

115-199

**31-41-24**

Page 5

Jan 21/2005

D280N032

**31-41-24**

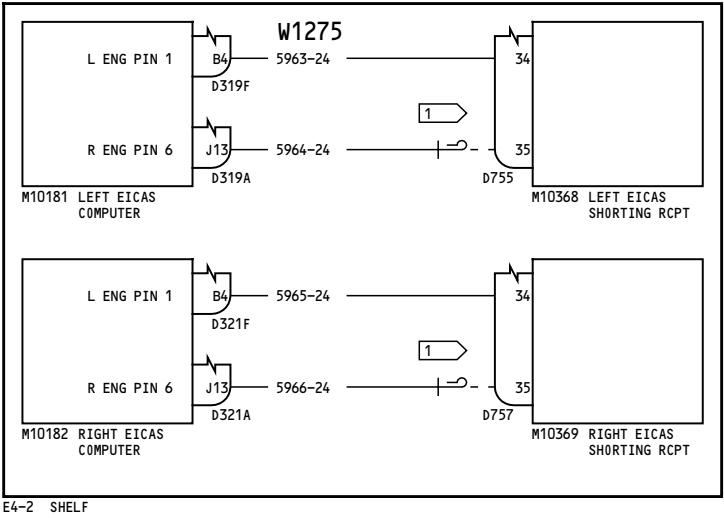
Page 5

Jan 21/2005

BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.



Jan 21/2005



**NOTES:**

1 TAPE & STOW NEAR D755 & D757

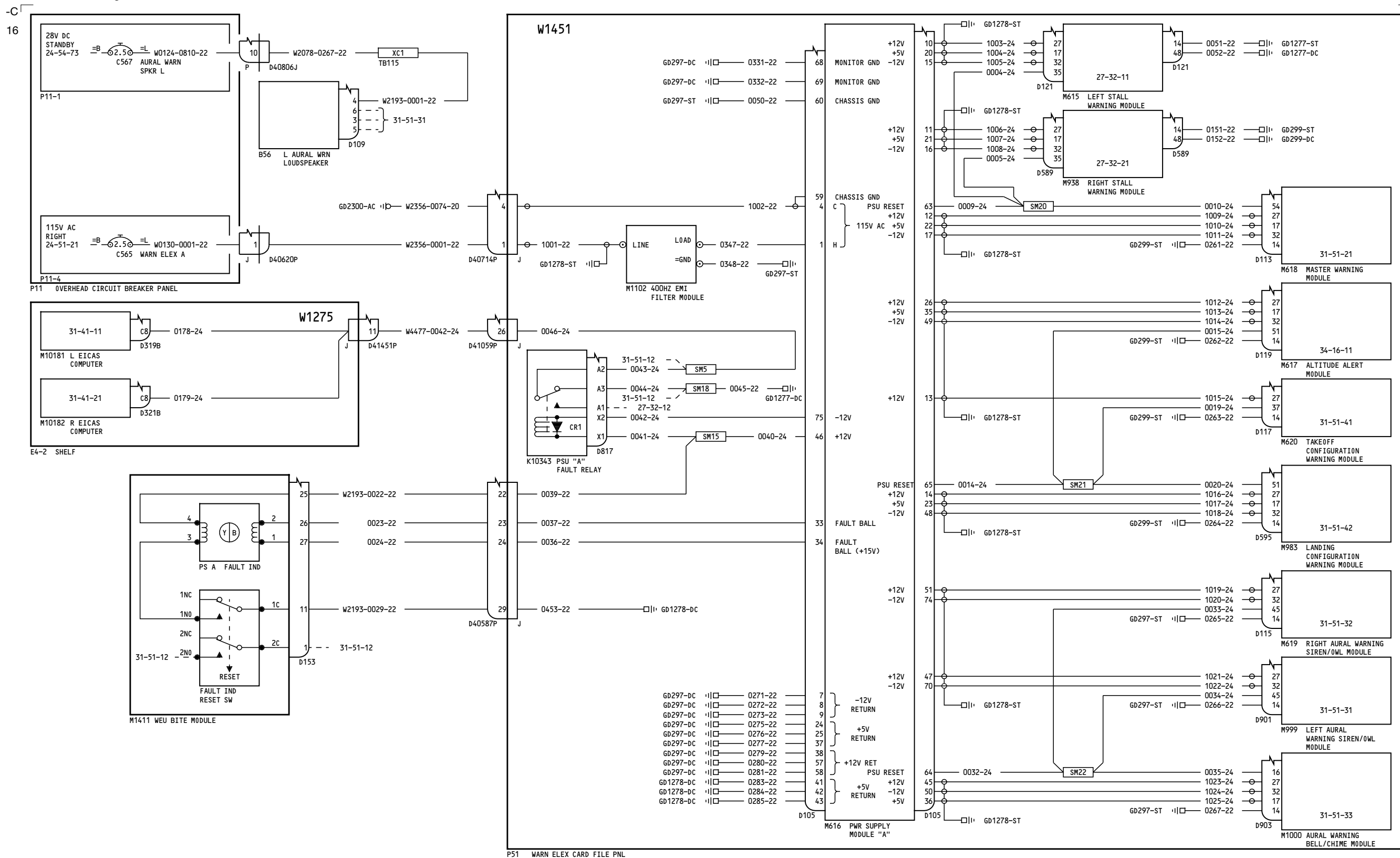
ALL	<b>EICAS COMPUTER DISPLAY UNIT OUTPUTS AND POWER SUPPL PROGRAM PINS</b>
	D280N032

**31-41-34**

Page 1  
Jan 21/2005

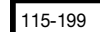
**31-41-34**

Page 1  
Jan 21/2005









**WEU POWER SUPPLY MDL A**

**31-51-11**

Page 3

Jan 21/2005

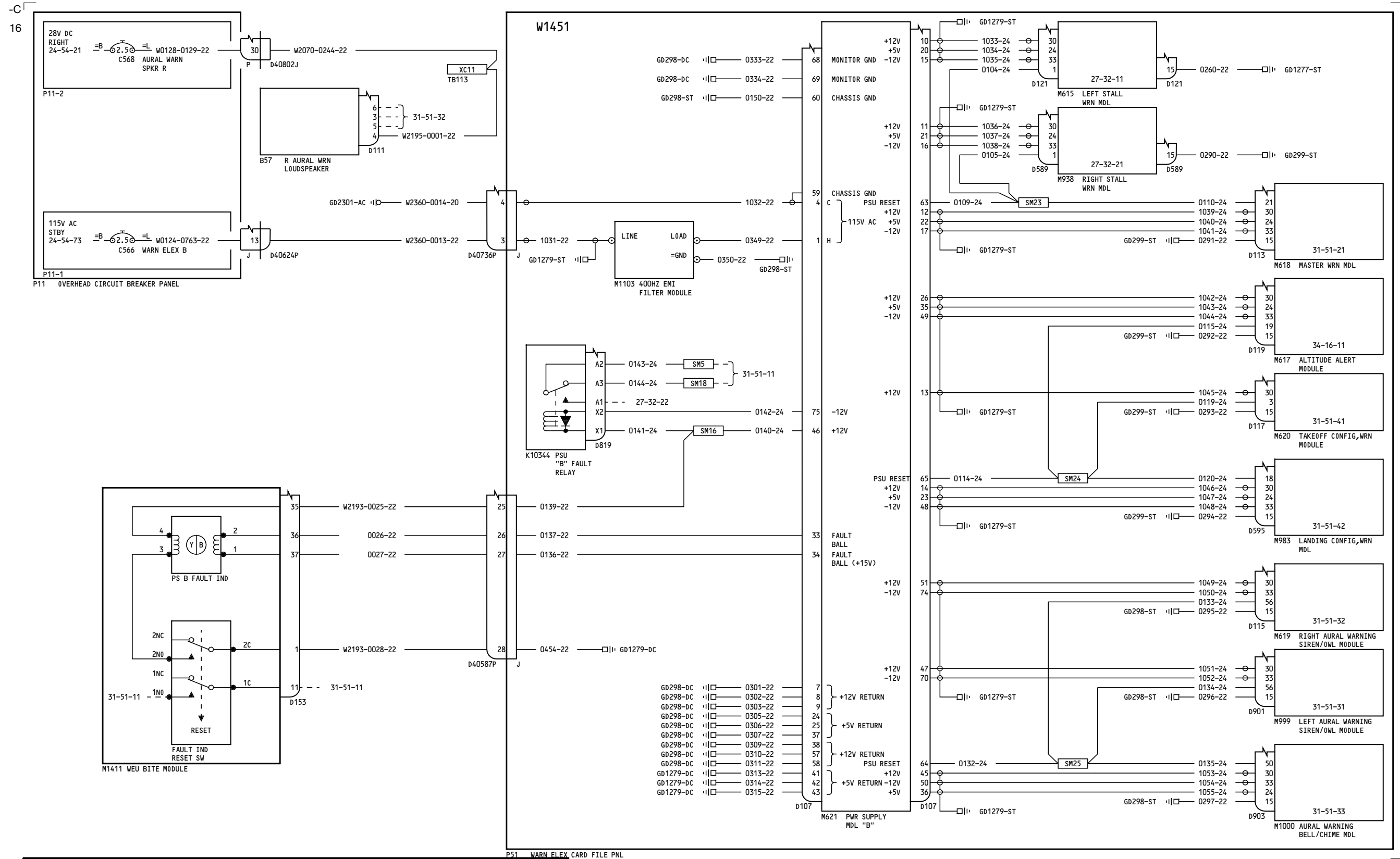
D280N032

**31-51-11**

Page 3

Jan 21/2005





001-008, 010-099

WEU POWER SUPPLY MDL B

**31-51-12**

Page 1

Jan 21/2005

D280N032

**31-51-12**

Page 1

Jan 21/2005



**31-51-12**

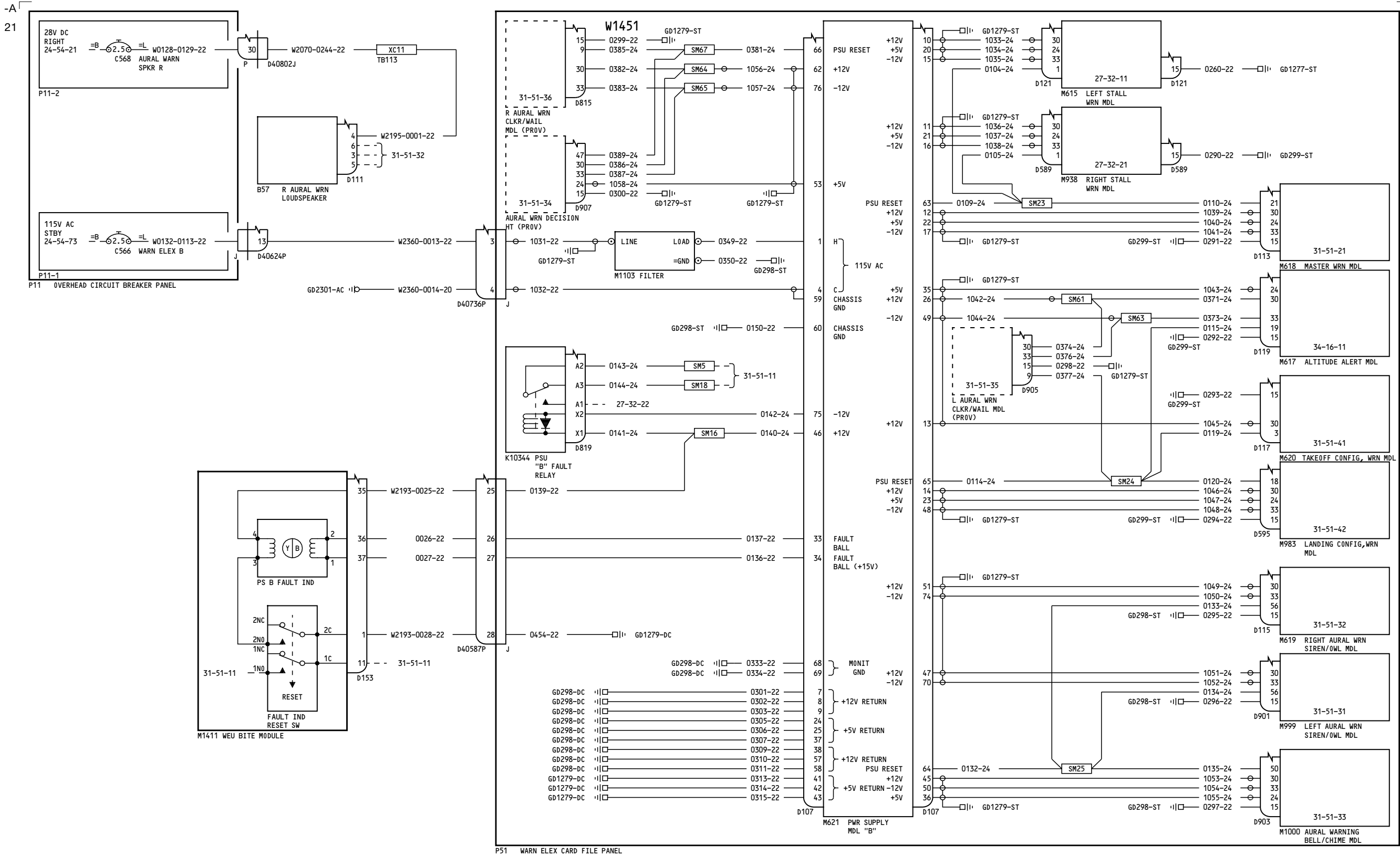
D280N032

Jan 21/2005

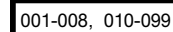
BOEING PROPRIETARY - Copyright © - Unpublished Work - See title page for details.

**31-51-12**

Jan 21/2005







**31-51-21**

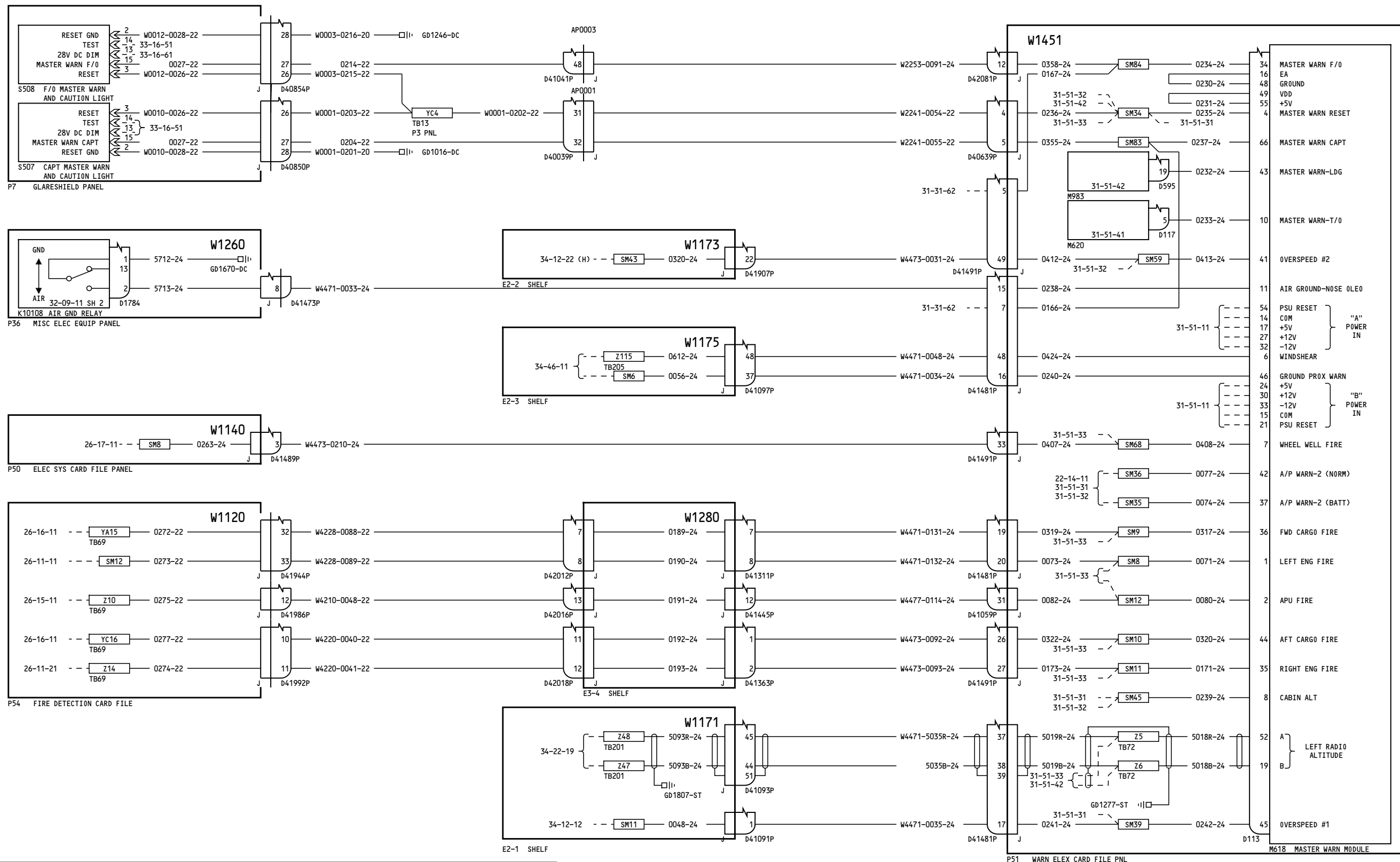
D280N032

**31-51-21**

Jan 21/2005



110



001

WEU MASTER WARNING

31-51-21

Page 1.1

D280N032

Dec 18/2007

Incorporates  
27A0130 R01  
34A0222

31-51-21

Page 1.1

Dec 18/2007



**31-51-21**

Page 1.2

Dec 18/2007

Incorporates

- ▶ 27A0130 R01
- ▶ 34-0200
- ▶ 34A0222

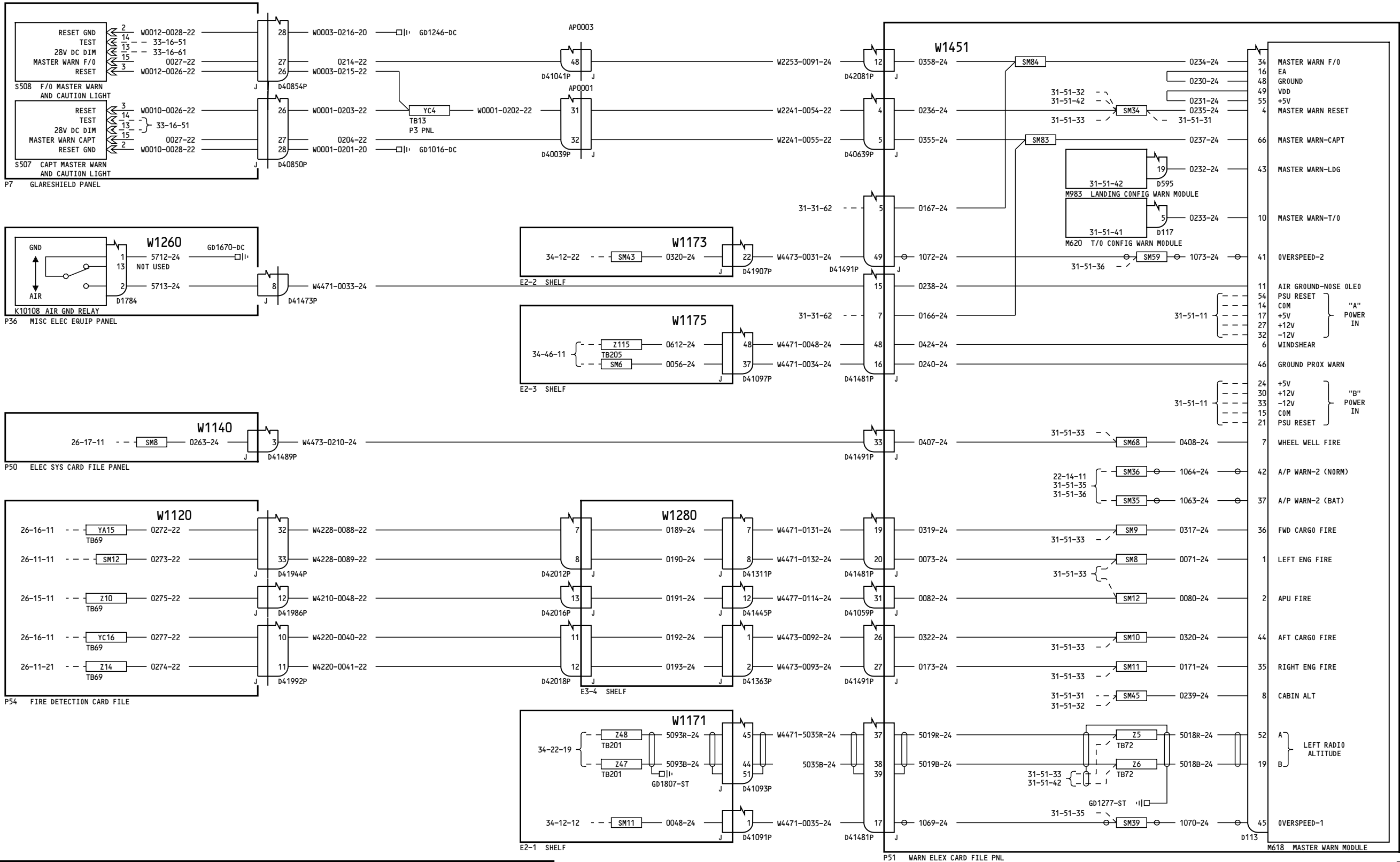
**31-51-21**

Page 1.2

Dec 18/2007



-A  
21



009

WEU MASTER WARNING

31-51-21

Page 2

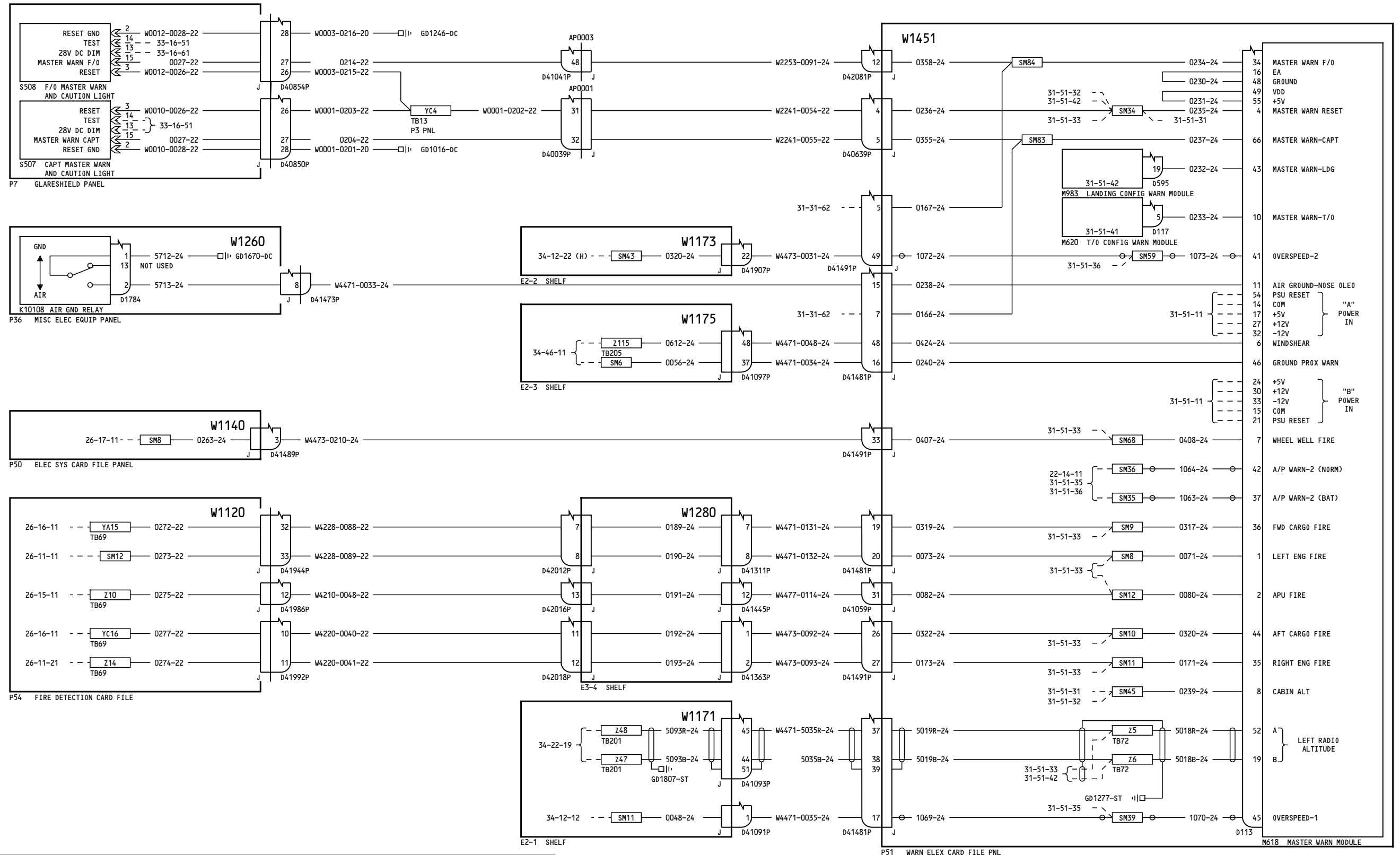
D280N032

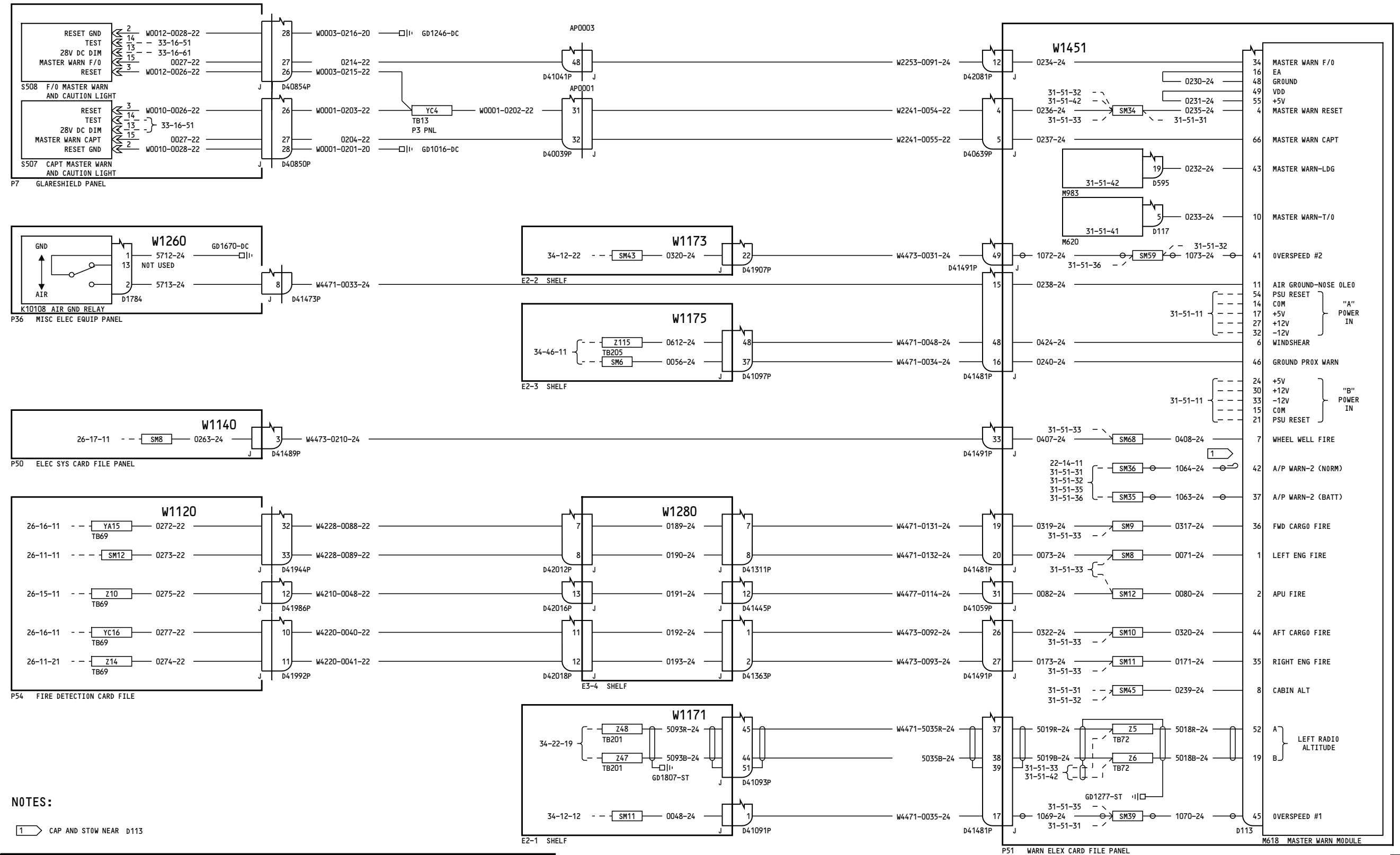
Jan 21/2005

31-51-21

Page 2

Jan 21/2005





NOTES:

1 CAP AND STOW NEAR D113

115-199

**WEU MASTER WARNING**

**31-51-21**

Page 3

Jan 21/2005

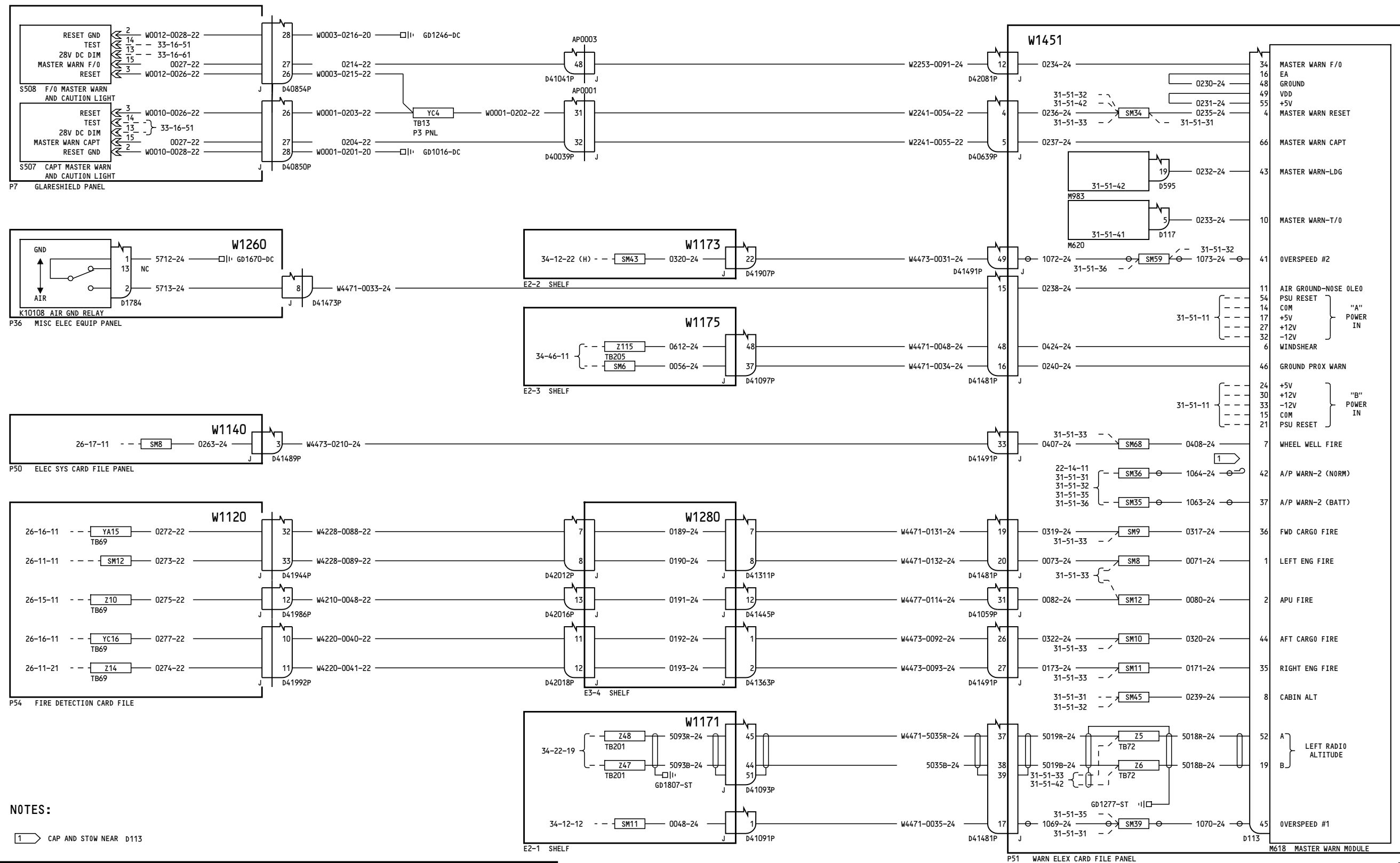
D280N032

**31-51-21**

Page 3

Jan 21/2005

107



## NOTES:

1 CAP AND STOW NEAR D113

115

WEU MASTER WARNING

### 31-51-21

Page 3.1

D280N032

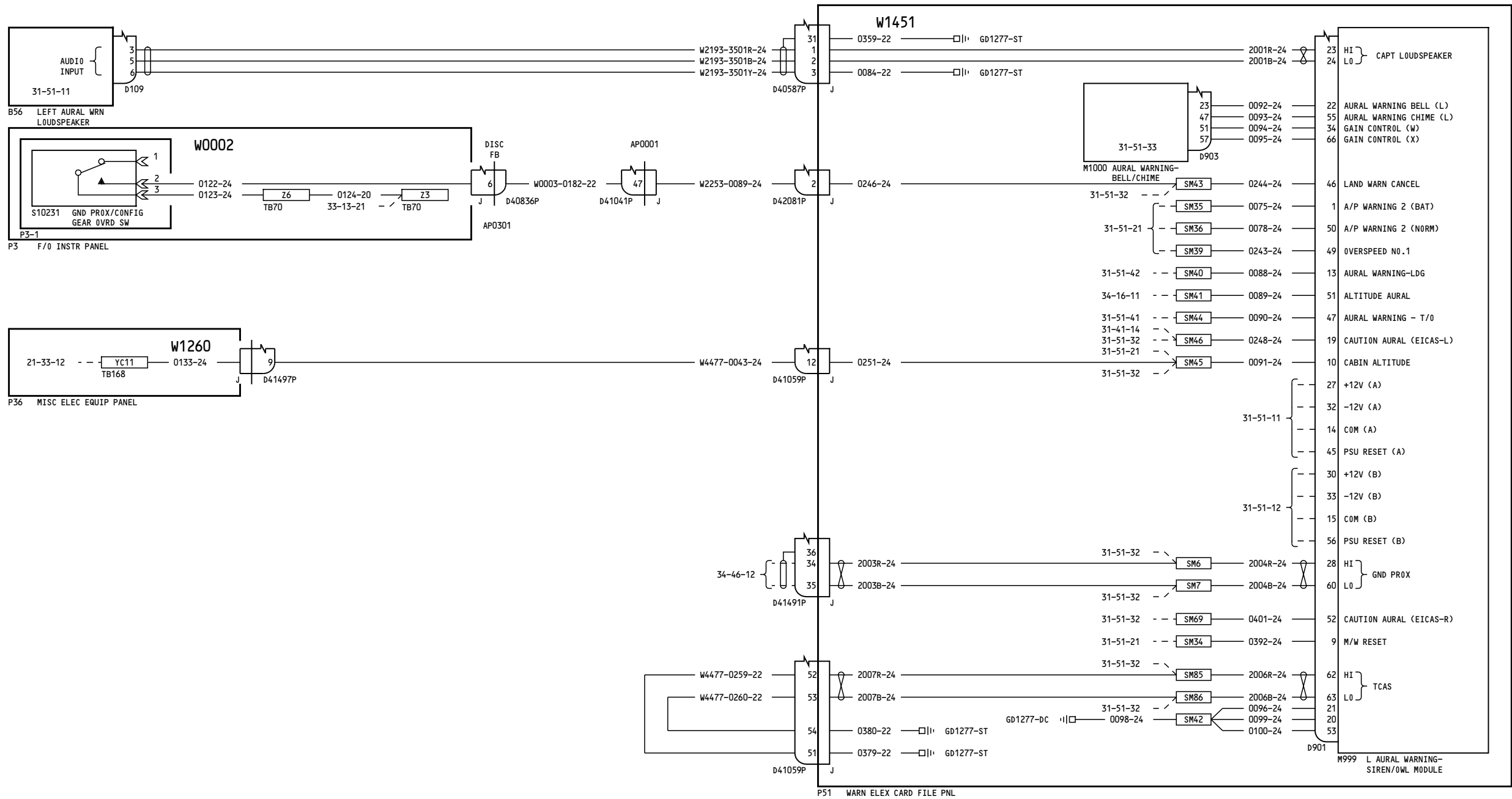
Dec 18/2007

Incorporates  
31-0164 R01  
34A0222

### 31-51-21

Page 3.1

Dec 18/2007



001-008

AURAL WARNING -  
SIREN/OWL - LEFT

D280N032

31-51-31

Page 1

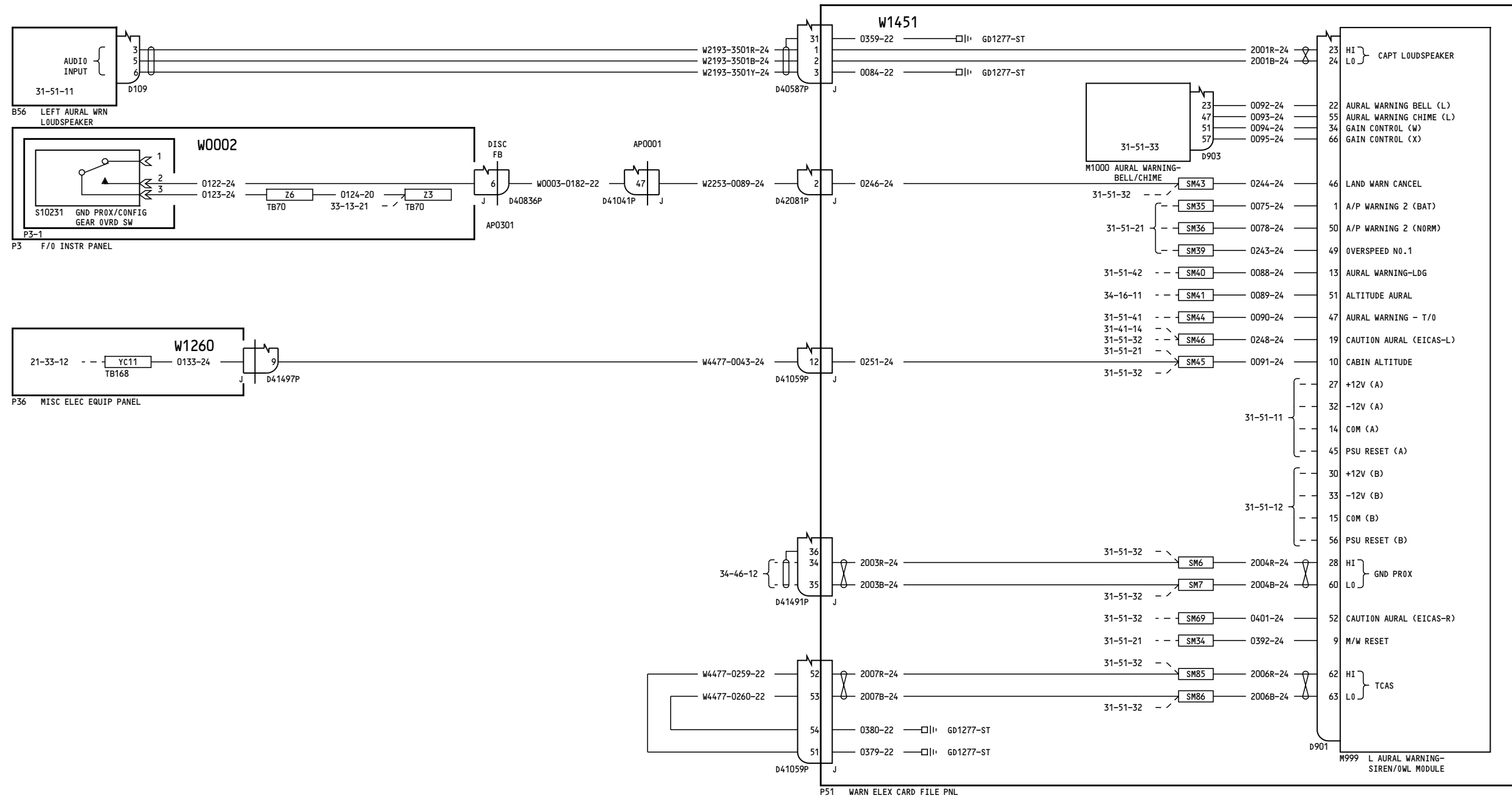
Jan 21/2005

31-51-31

Page 1

Jan 21/2005





001-008

**AURAL WARNING -  
SIREN/OWL - LEFT**

D280N032

**31-51-31**

Page 1.1

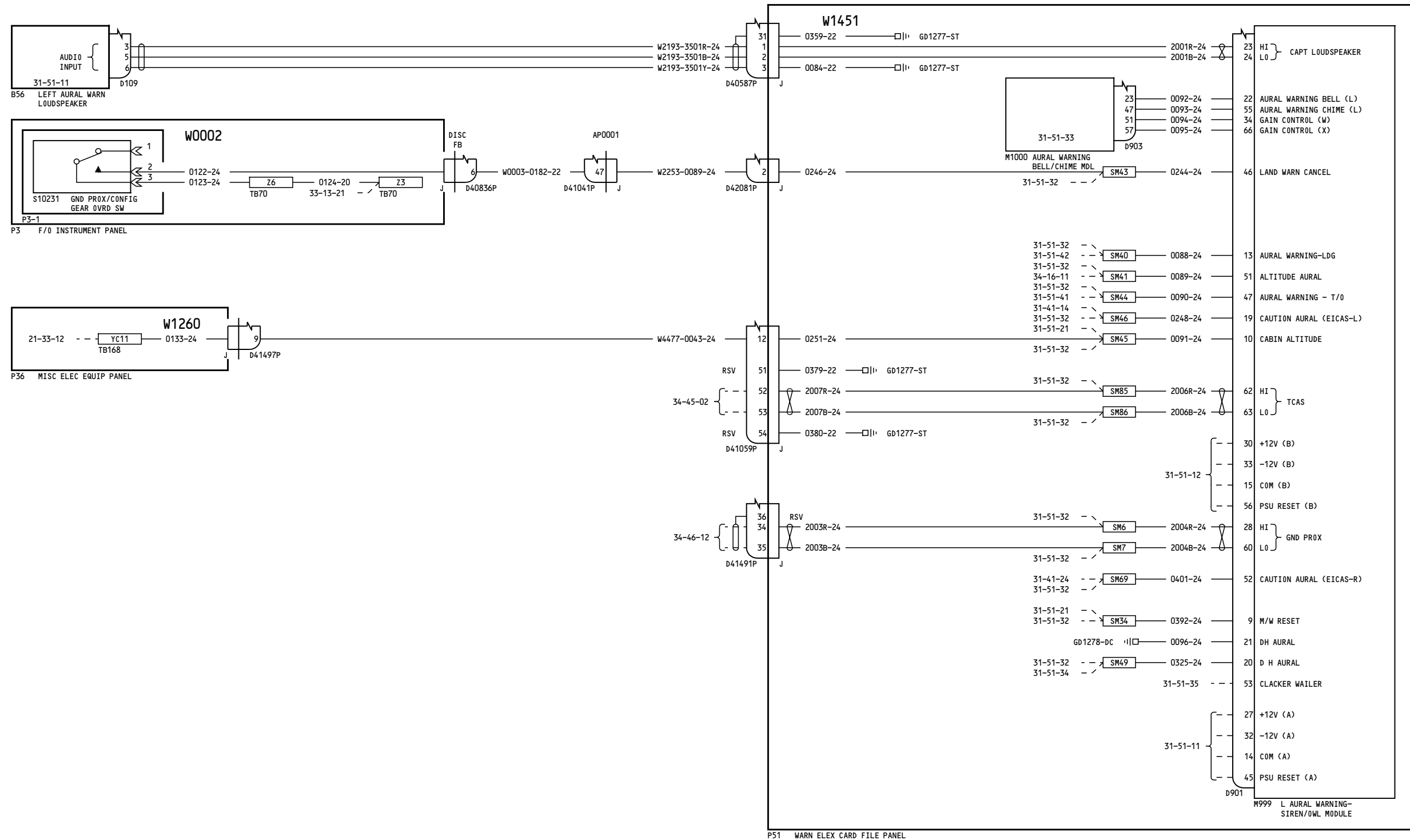
Jan 21/2005

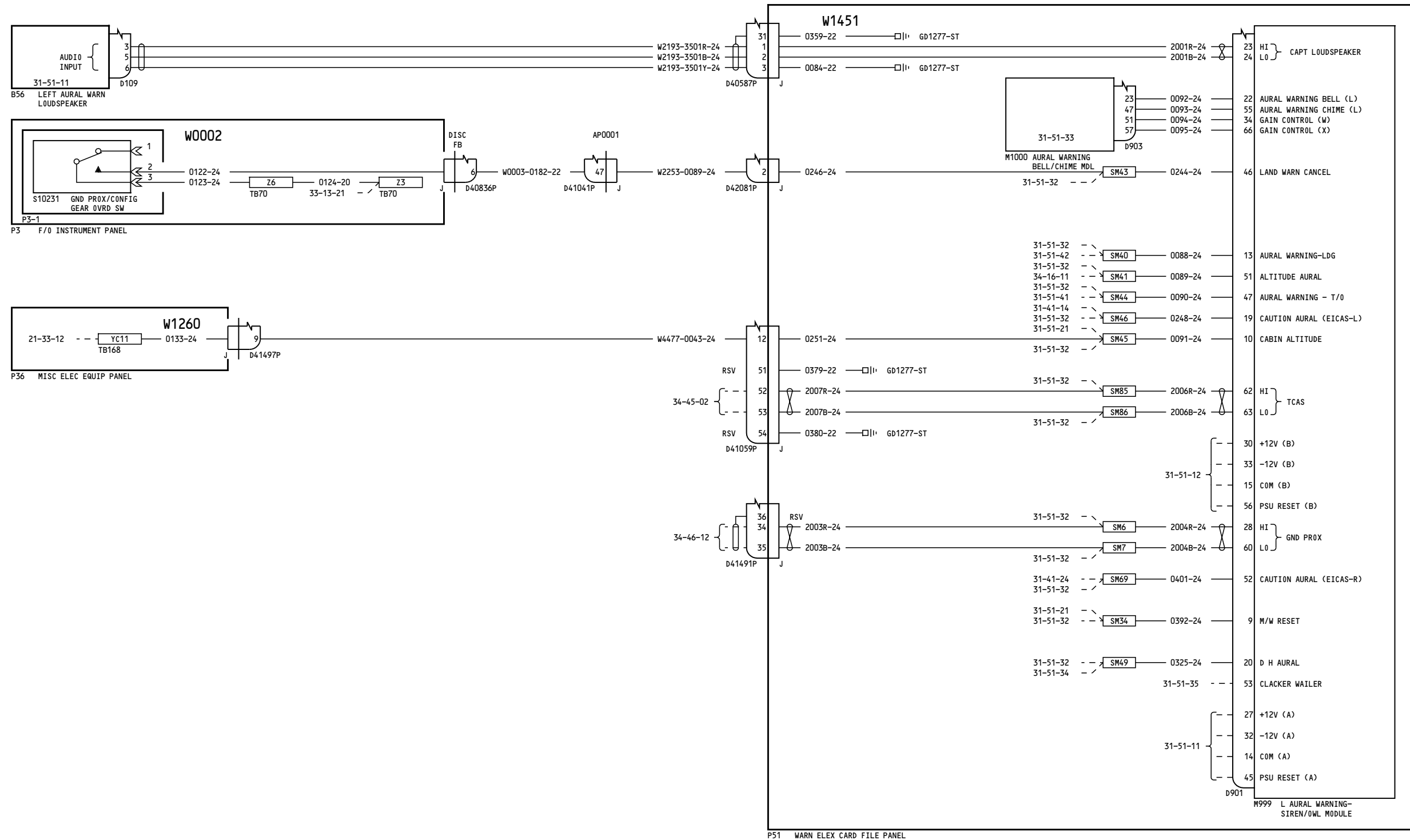
Incorporates  
31-0055

**31-51-31**

Page 1.1

Jan 21/2005





009

**AURAL WARNING -  
SIREN/OWL - LEFT**

D280N032

**31-51-31**

Page 2.1

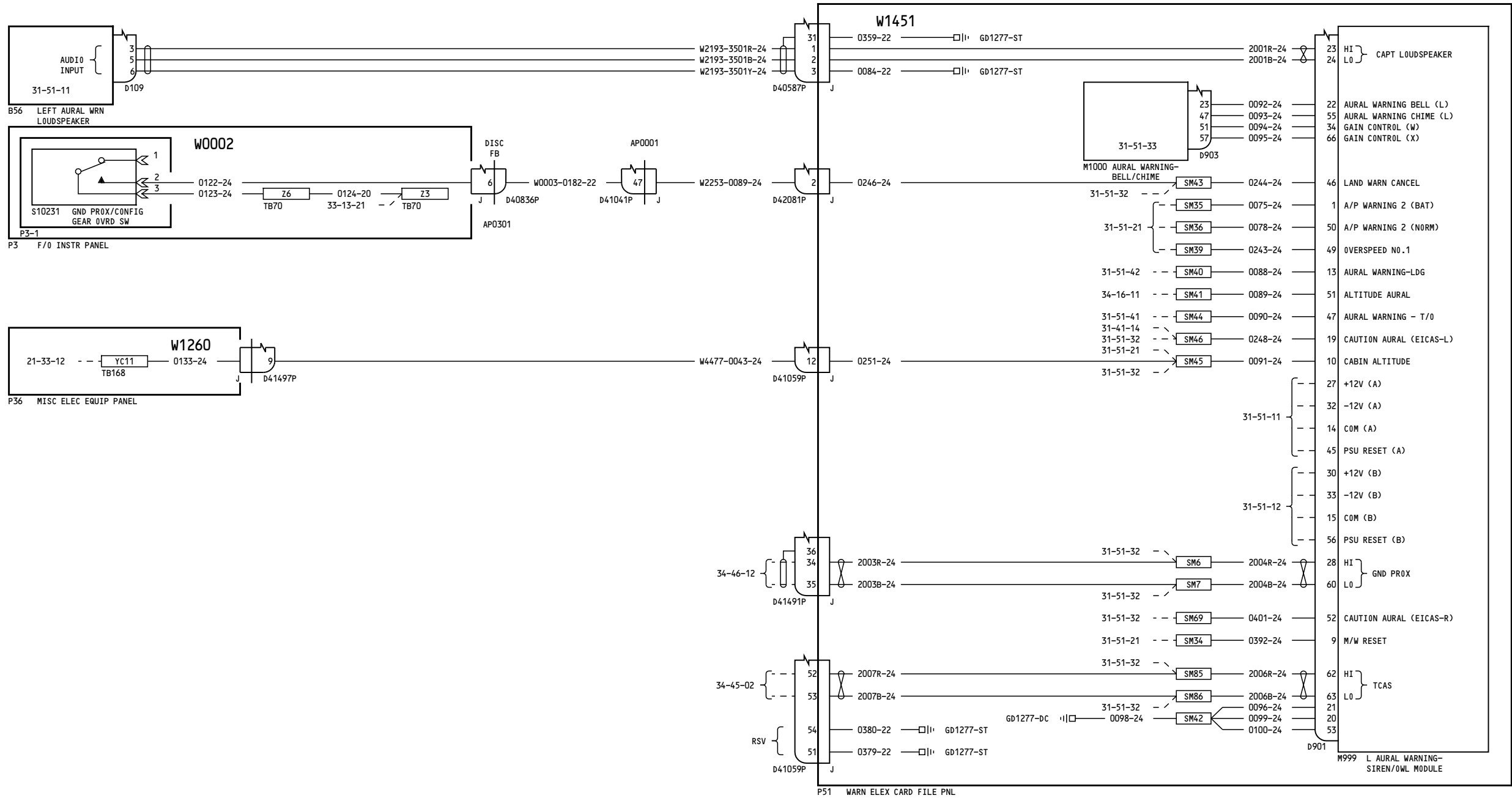
Jan 21/2005

Incorporates  
▶ 31-0055

**31-51-31**

Page 2.1

Jan 21/2005



010-099

AURAL WARNING -  
SIREN/OWL - LEFT

D280N032

31-51-31

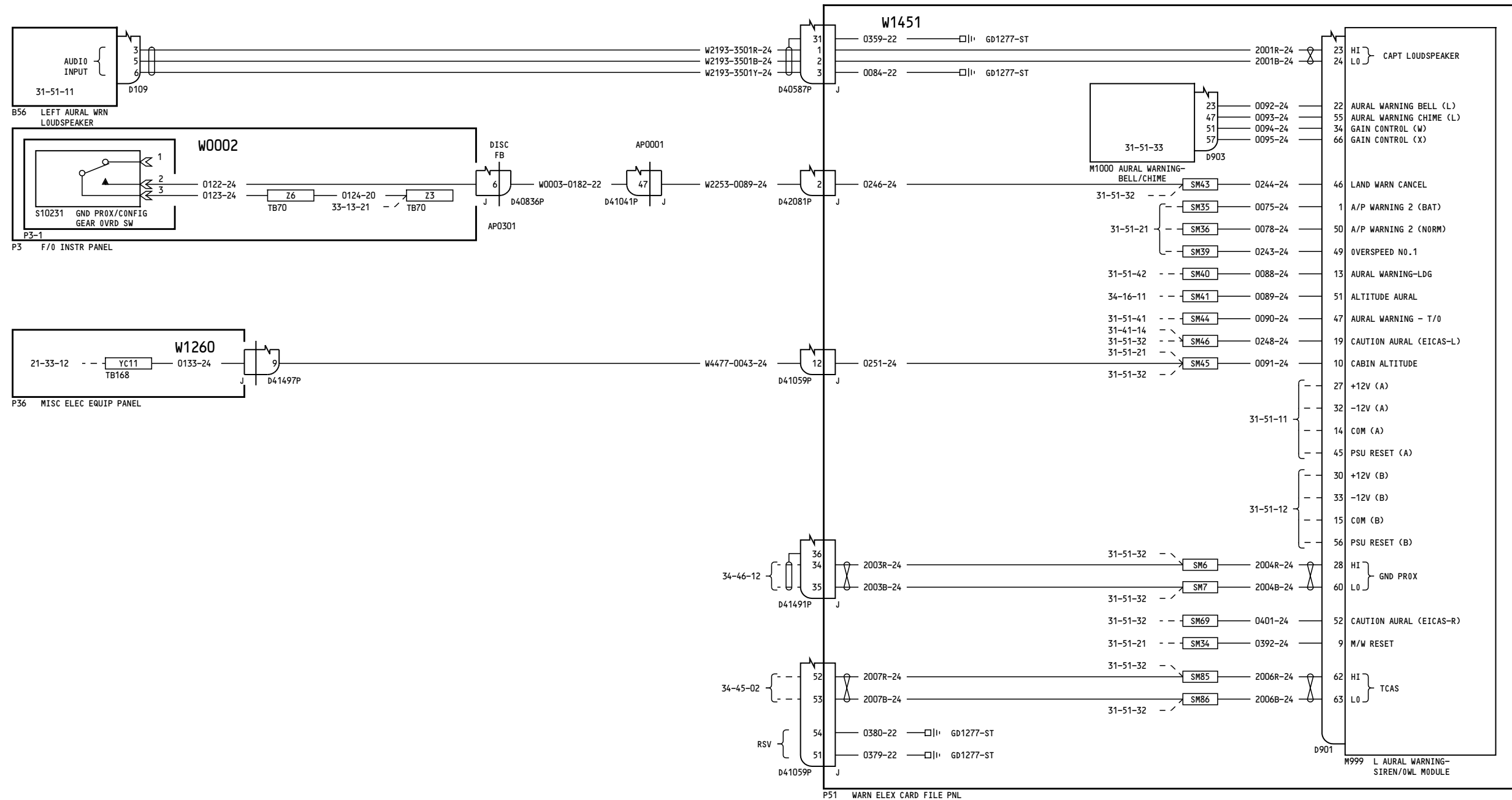
Page 3

Jan 21/2005

31-51-31

Page 3

Jan 21/2005



010-011

**AURAL WARNING -  
SIREN/OWL - LEFT**

D280N032

**31-51-31**

Page 3.1

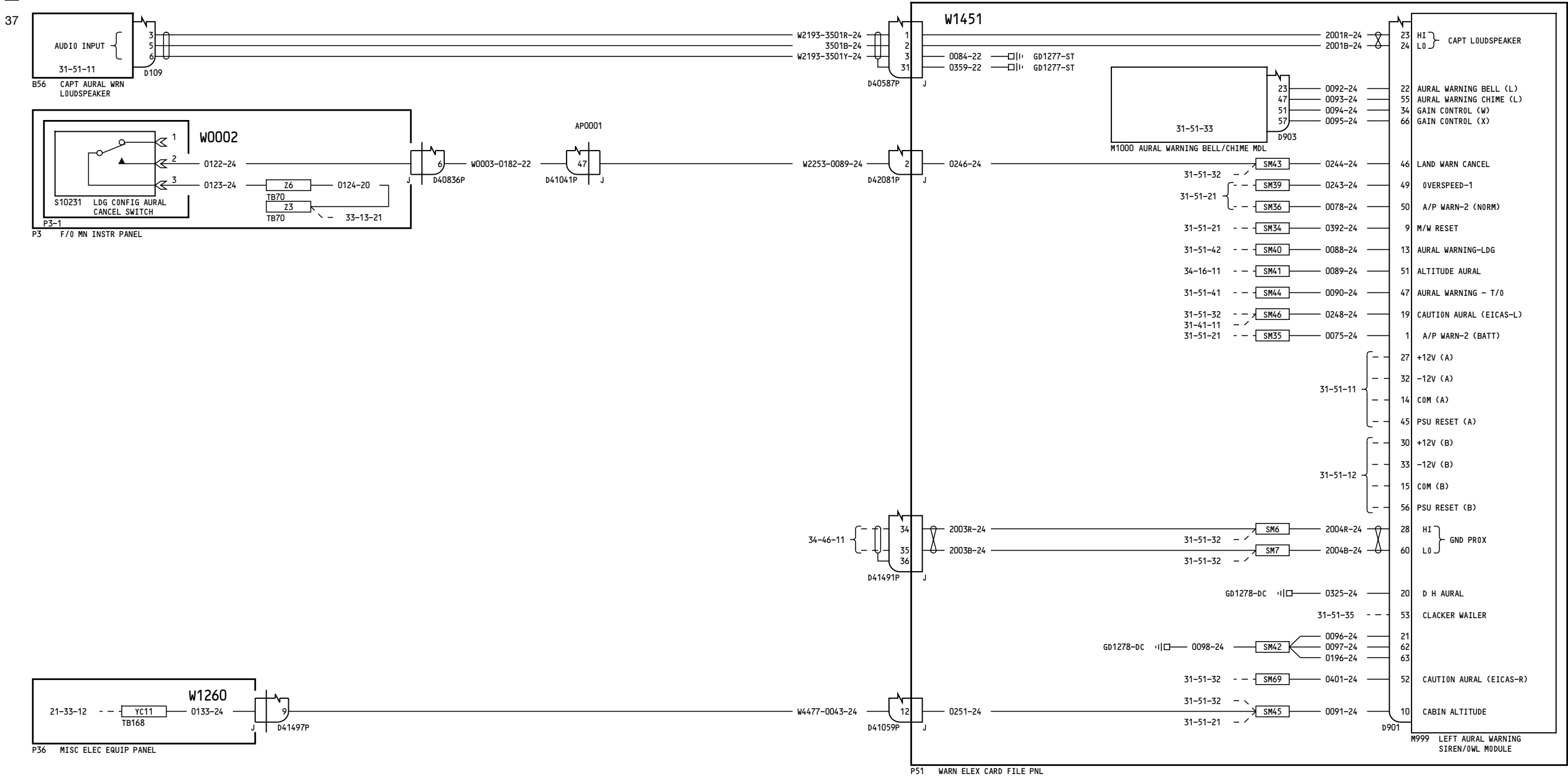
Jan 21/2005

Incorporates  
▶ 31-0055

**31-51-31**

Page 3.1



Jan 21/2005





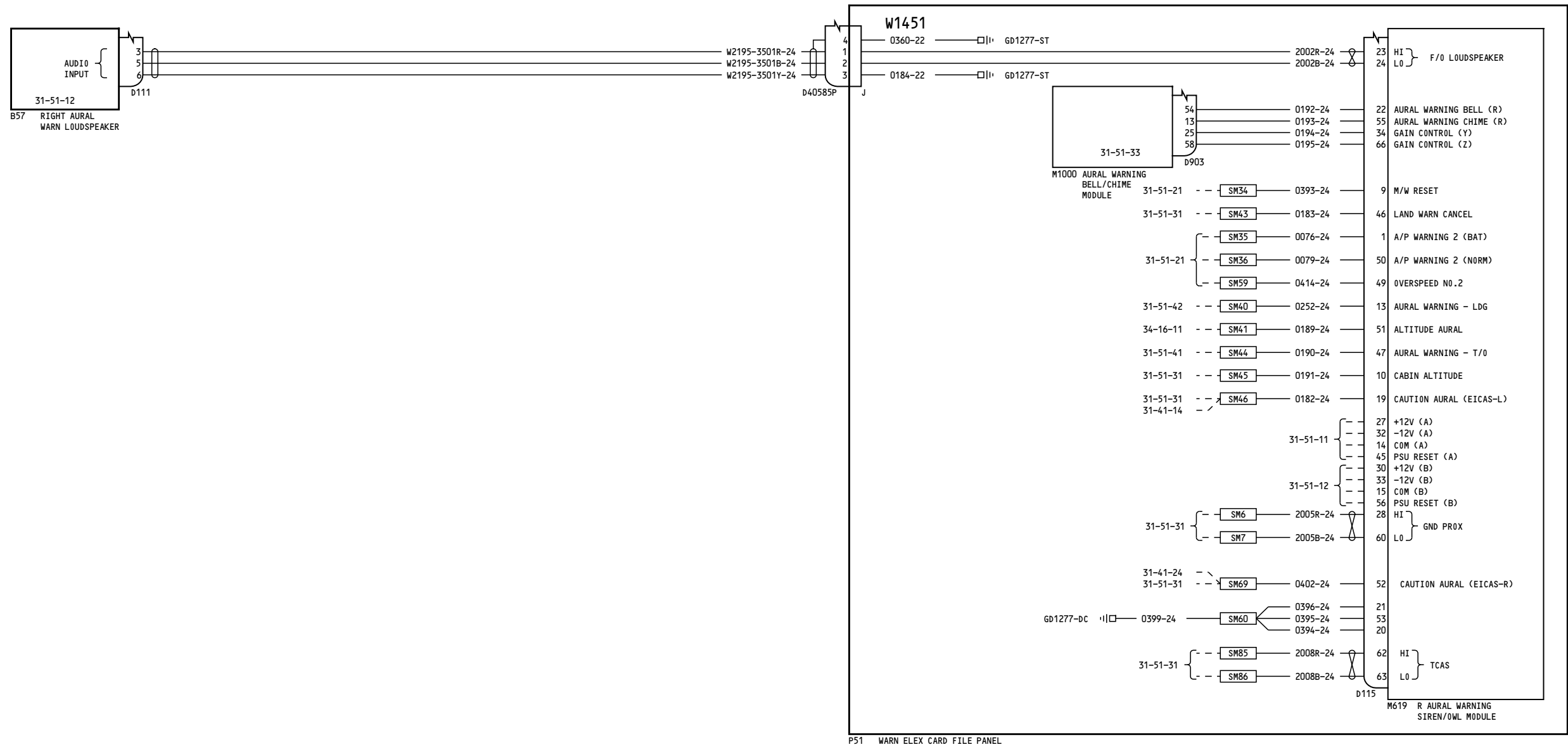
**31-51-31**

D280N032

Incorporates  
 31-0055  
 31-0164 R01

**31-51-31**

Dec 18/2007



001-008, 010-099

**AURAL WARNING -  
SIREN/OWL - RIGHT**

D280N032

**31-51-32**

Page 1

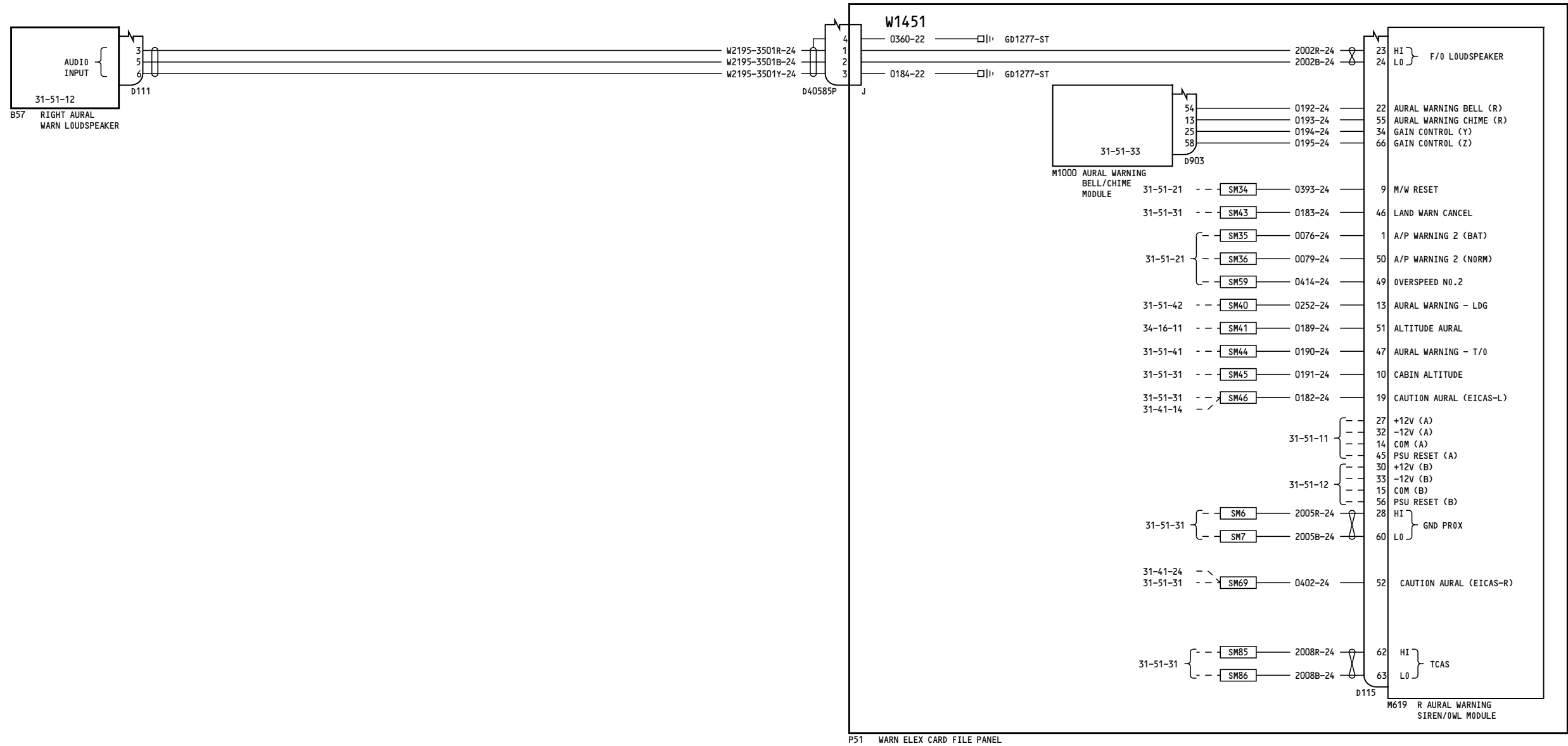
Jan 21/2005

**31-51-32**

Page 1

Jan 21/2005





001-008, 010-011

**AURAL WARNING -  
SIREN/OWL - RIGHT**

D280N032

**31-51-32**

Page 1.1

Jan 21/2005

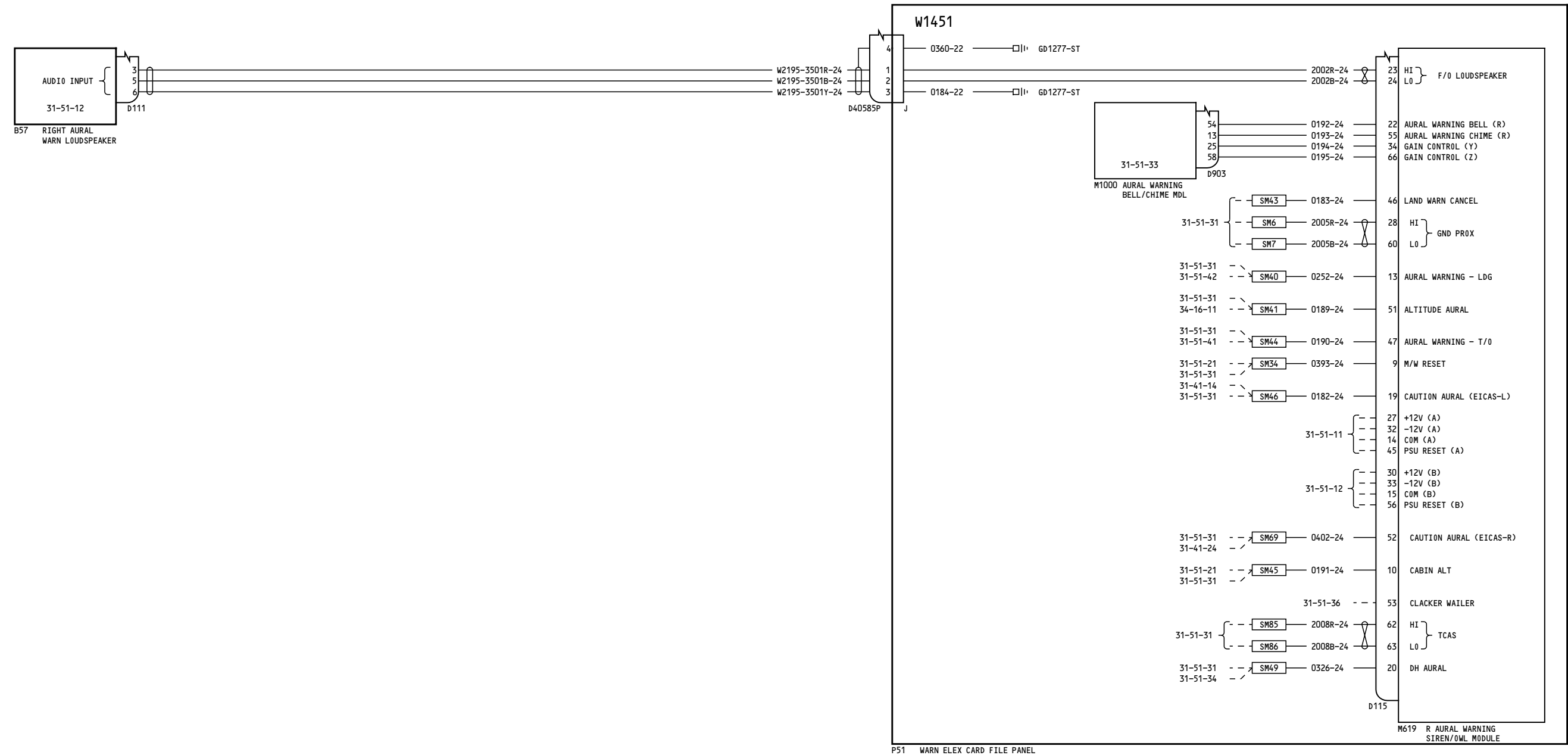
**Incorporates**  
31-0055

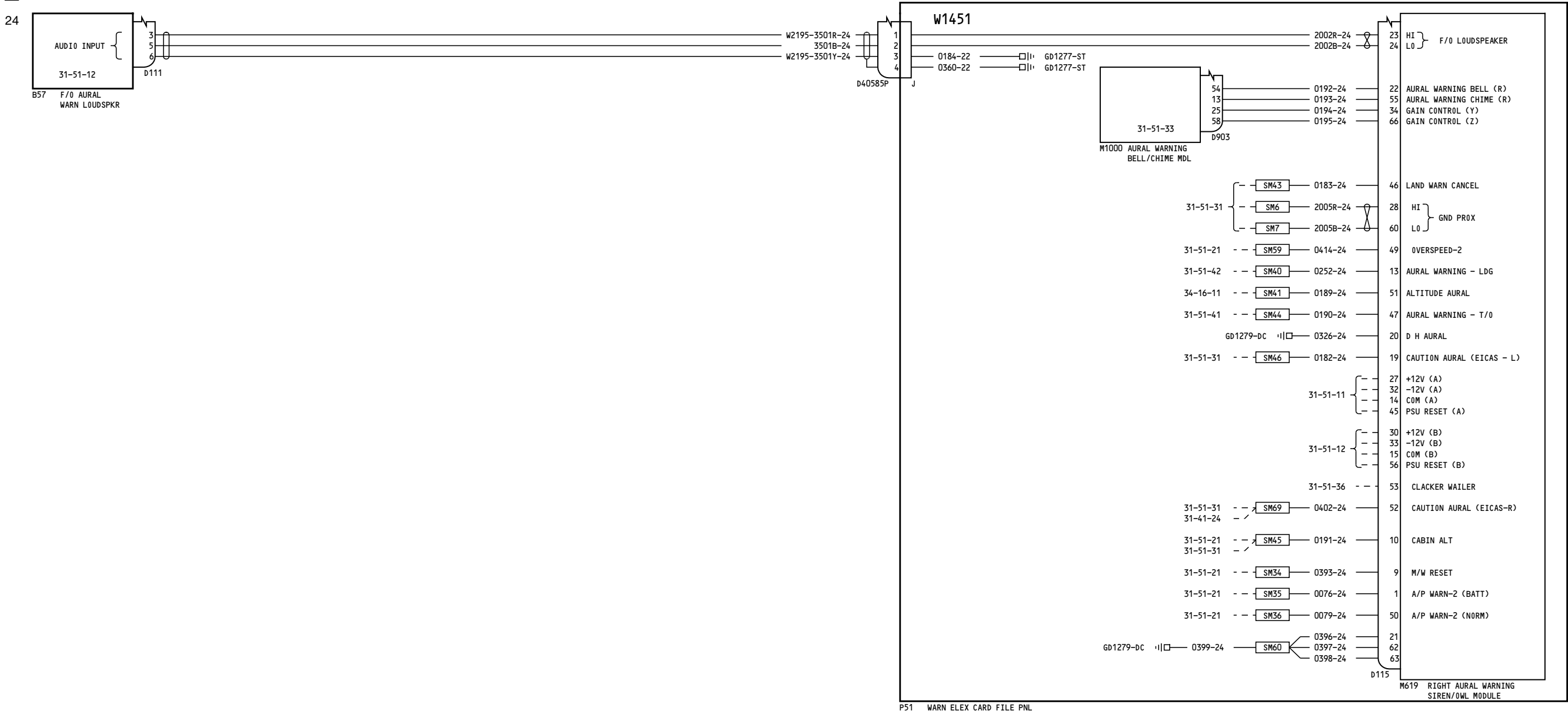
**31-51-32**

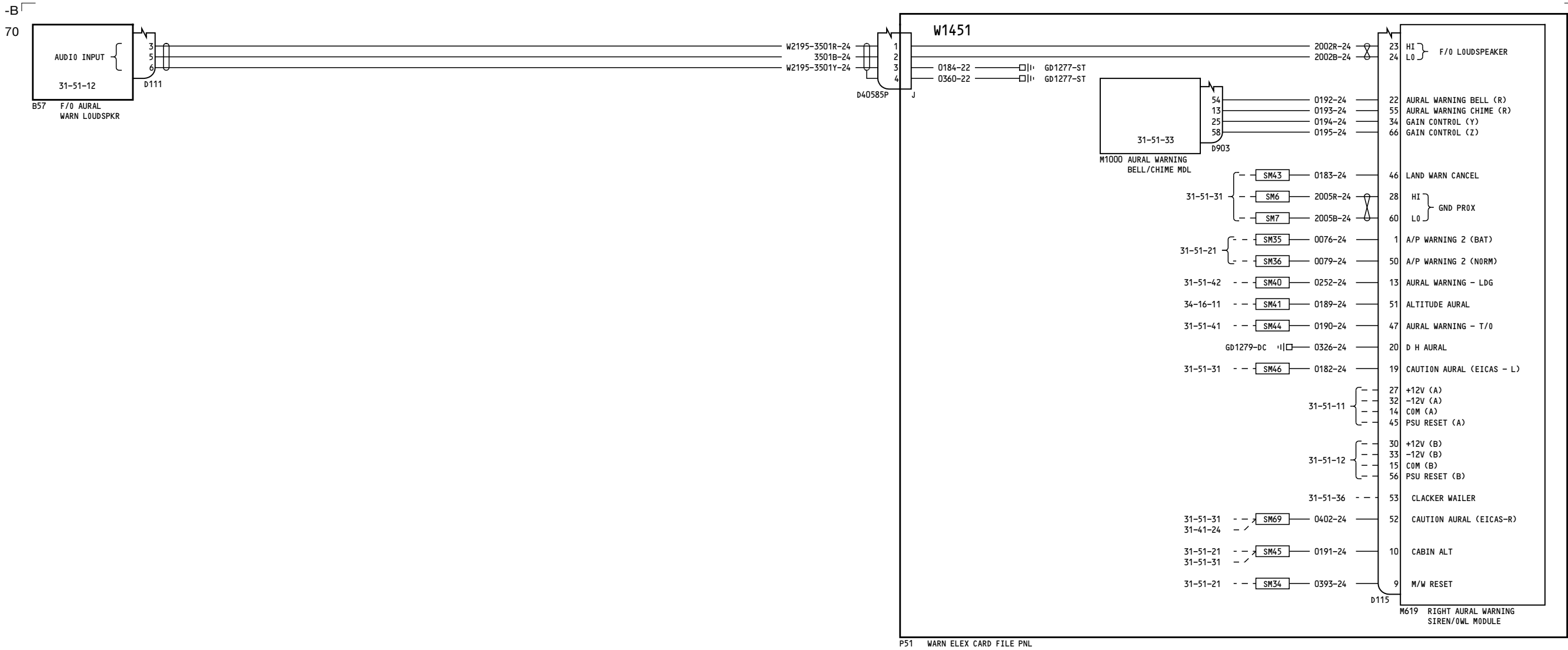
Page 1.1

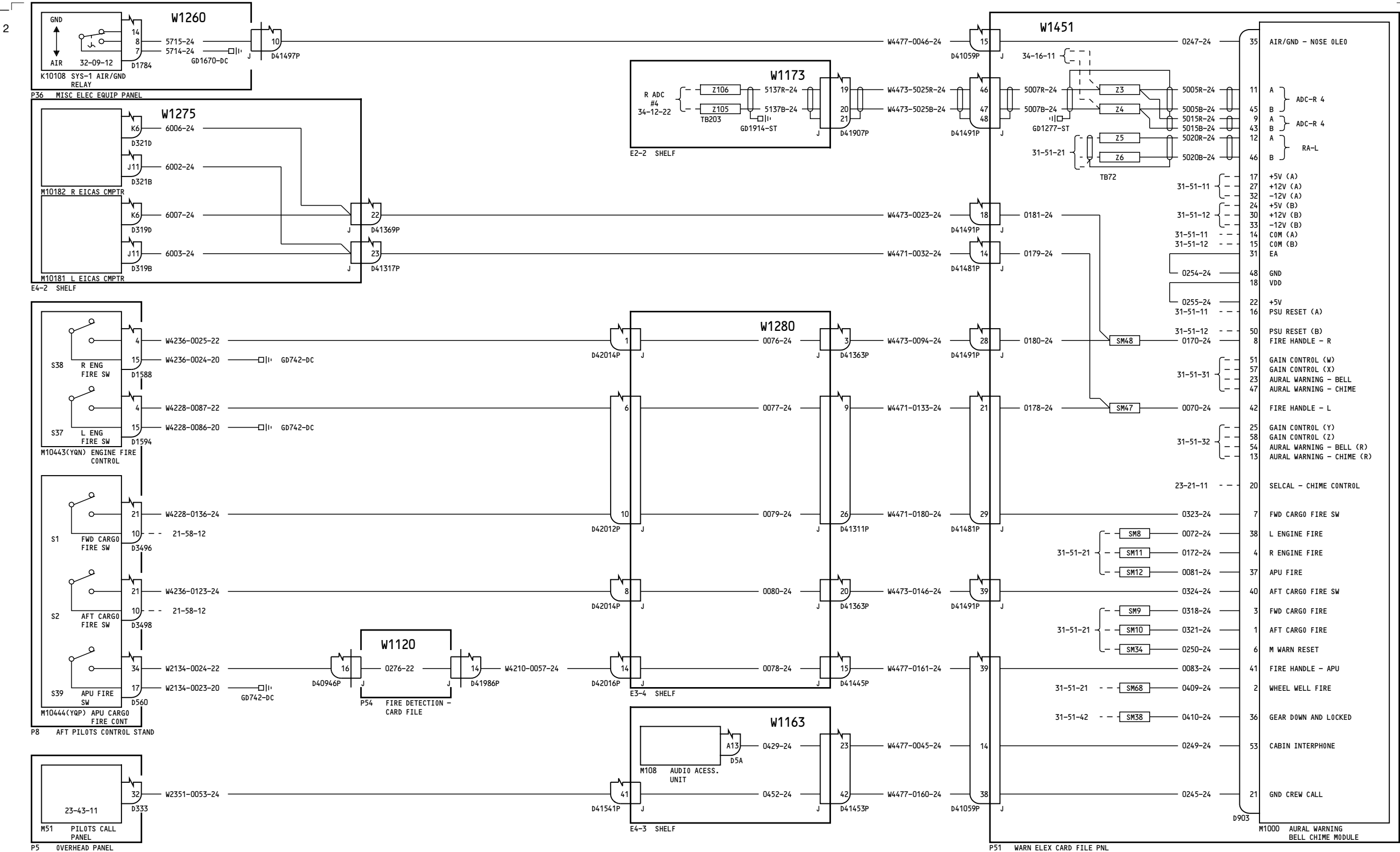
Jan 21/2005

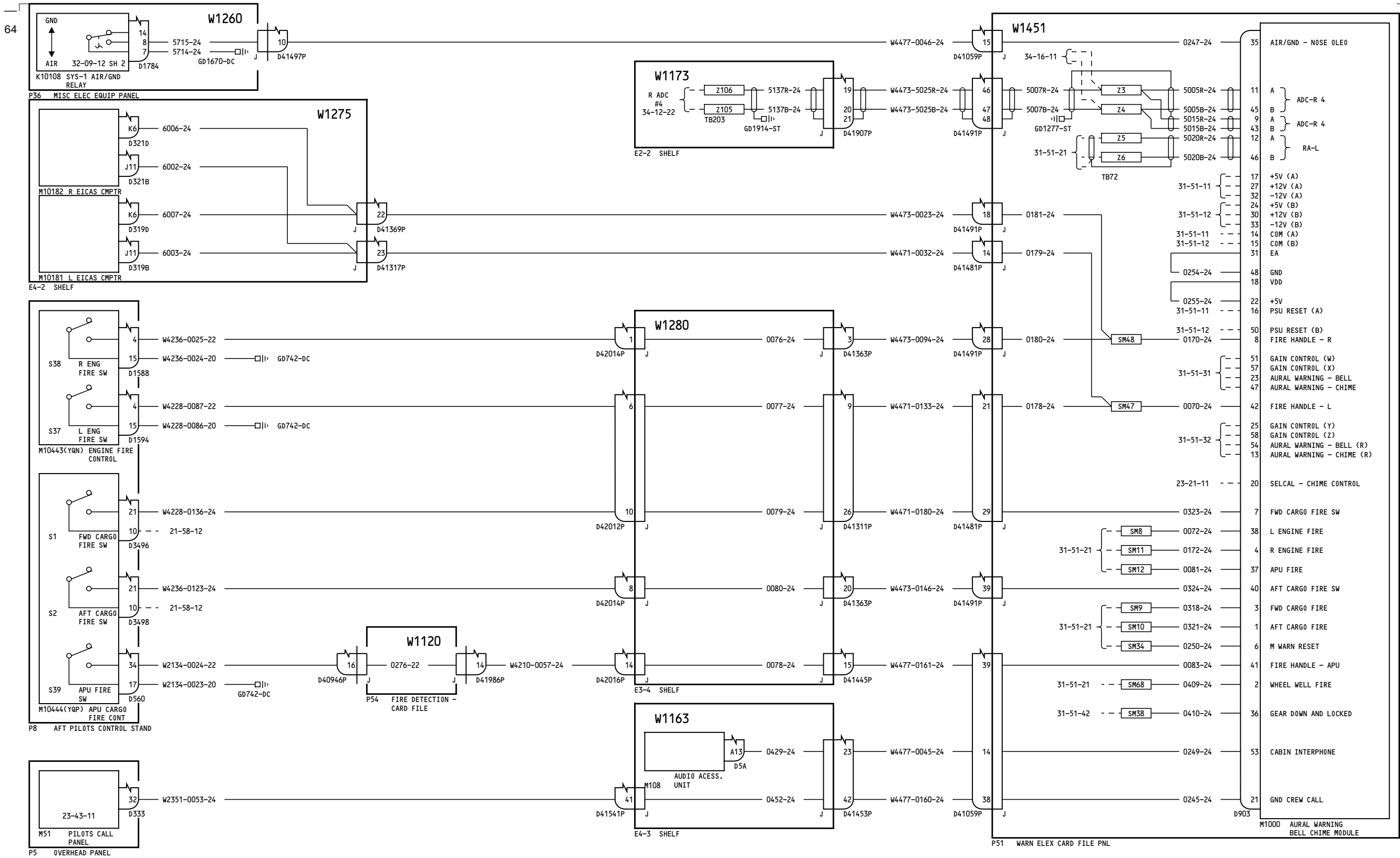


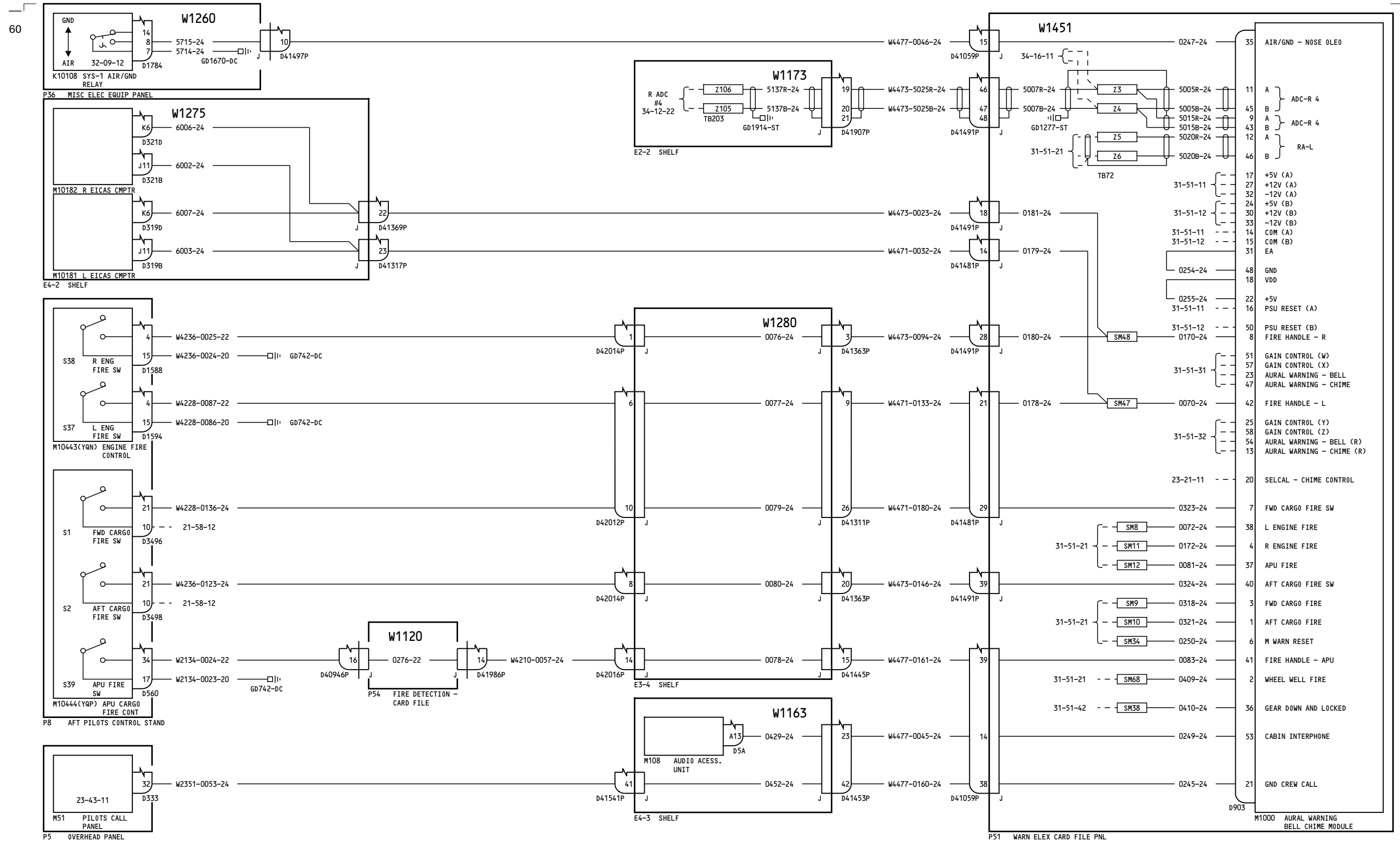
















**AURAL WARNING -  
BELL/CHIME**

D280N032

# 31-51-33

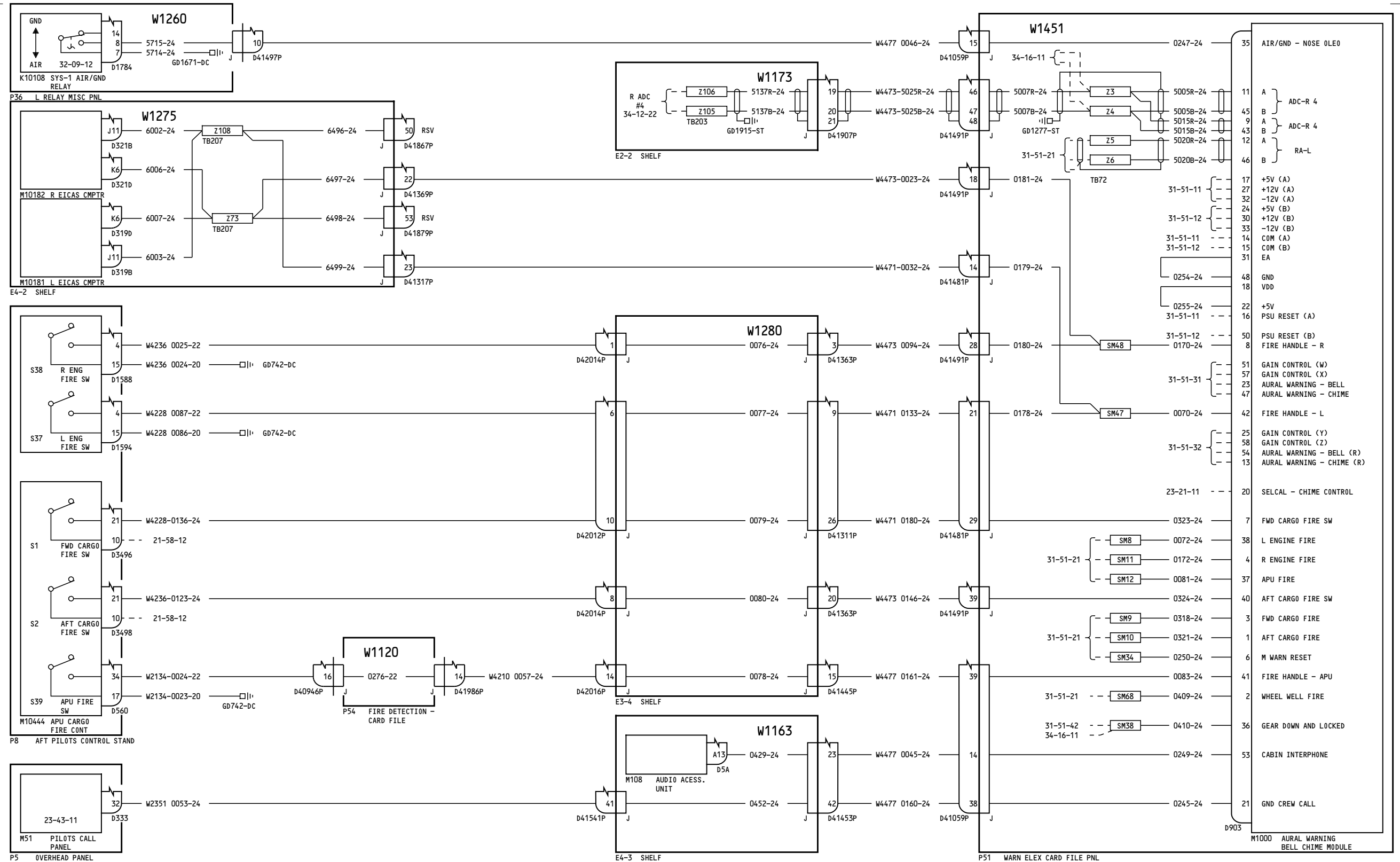
Page 2

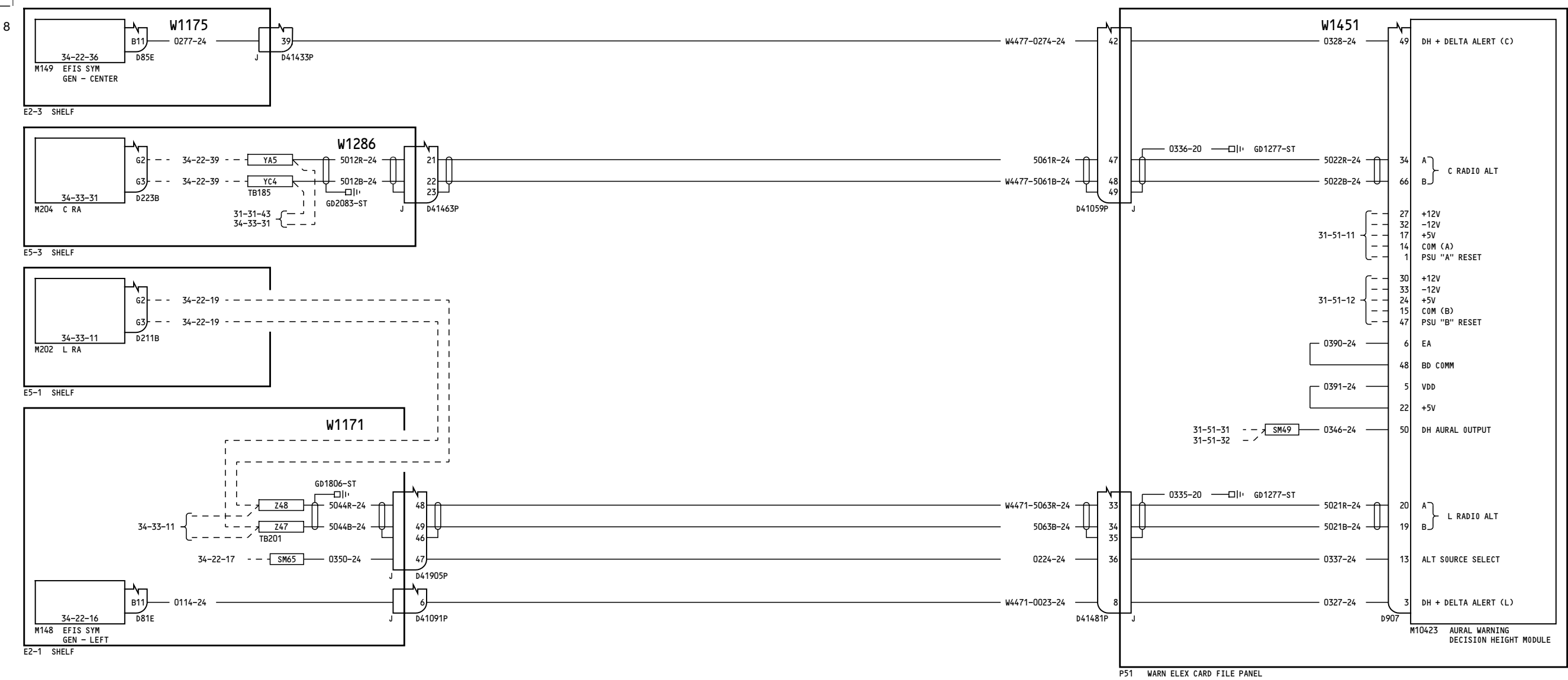
Jan 21/2005

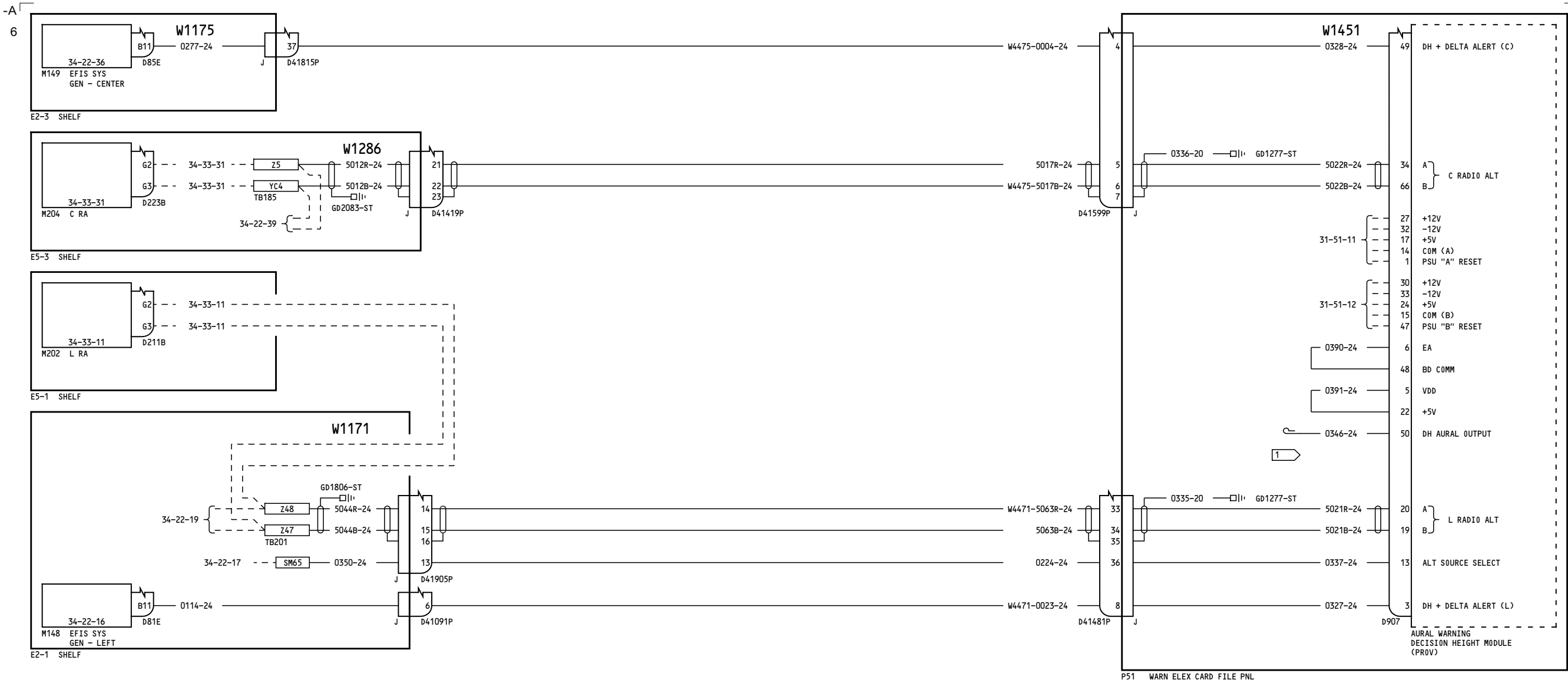
# 31-51-33

Page 2

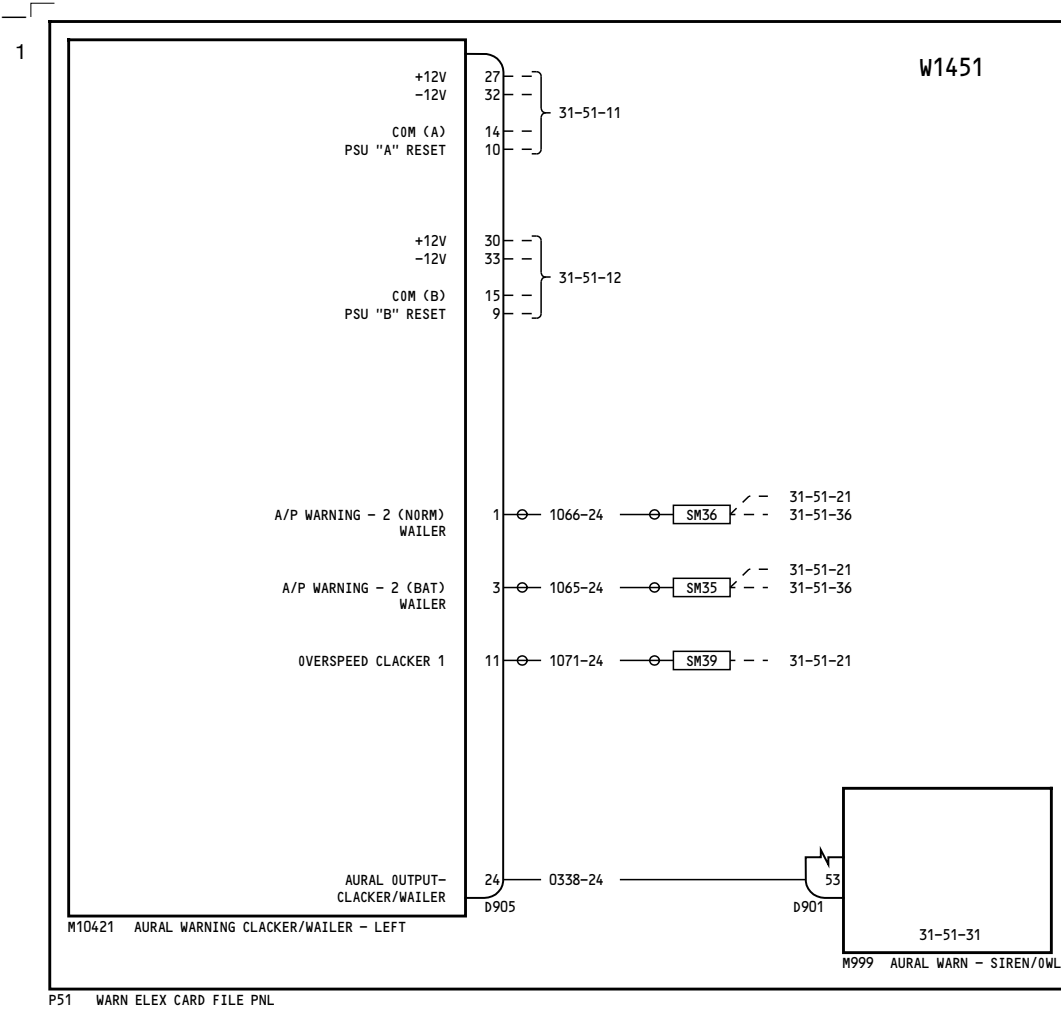
Jan 21/2005







**NOTES:**  
1 CAP AND STOW WIRE NEAR D907.



009

AURAL WARNING -  
CLACKER/WAILER - LEFT

D280N032

31-51-35

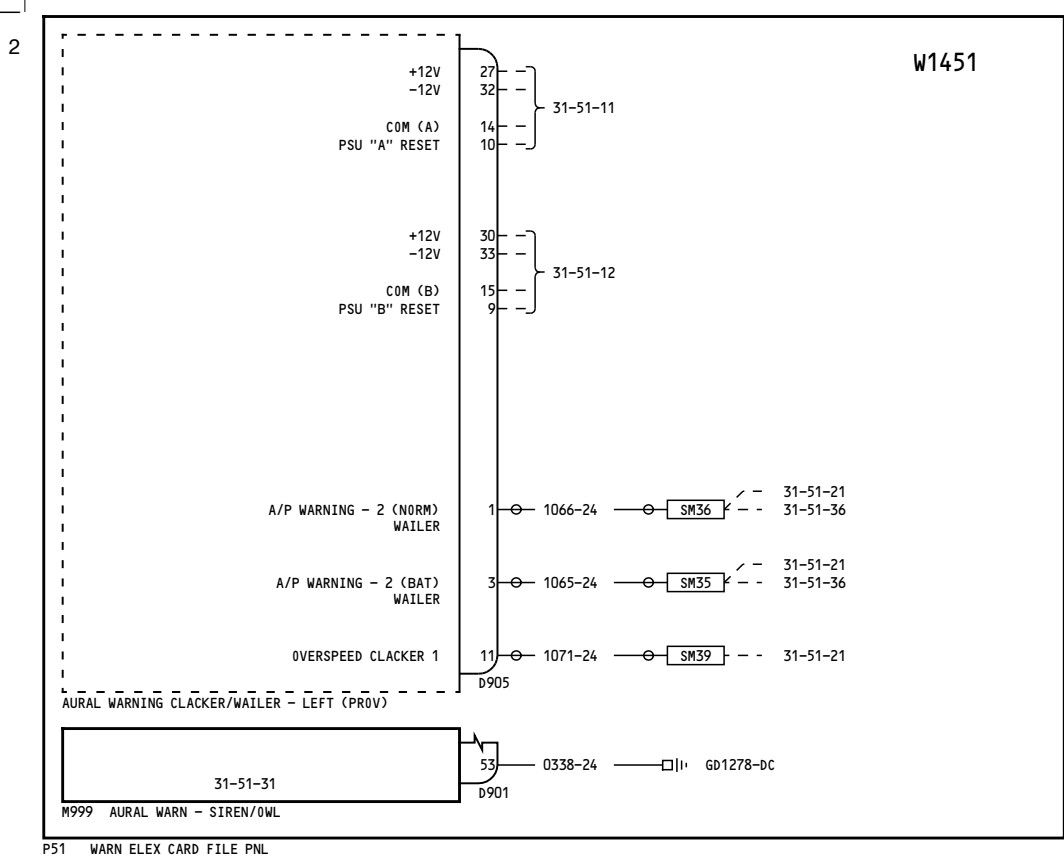
Page 1

Jan 21/2005

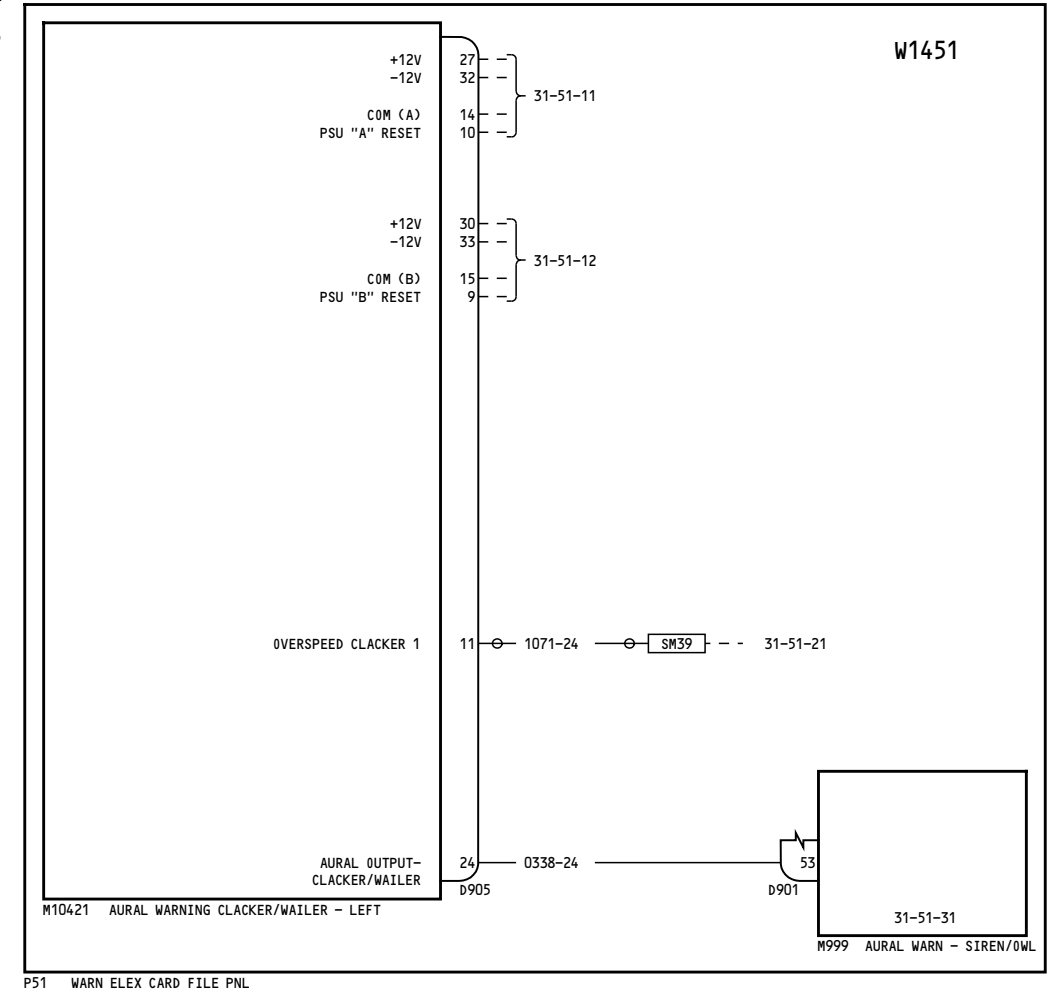
31-51-35

Page 1

Jan 21/2005



13



115

**AURAL WARNING -  
CLACKER/WAILER - LEFT**

D280N032

**31-51-35**

Page 2.1

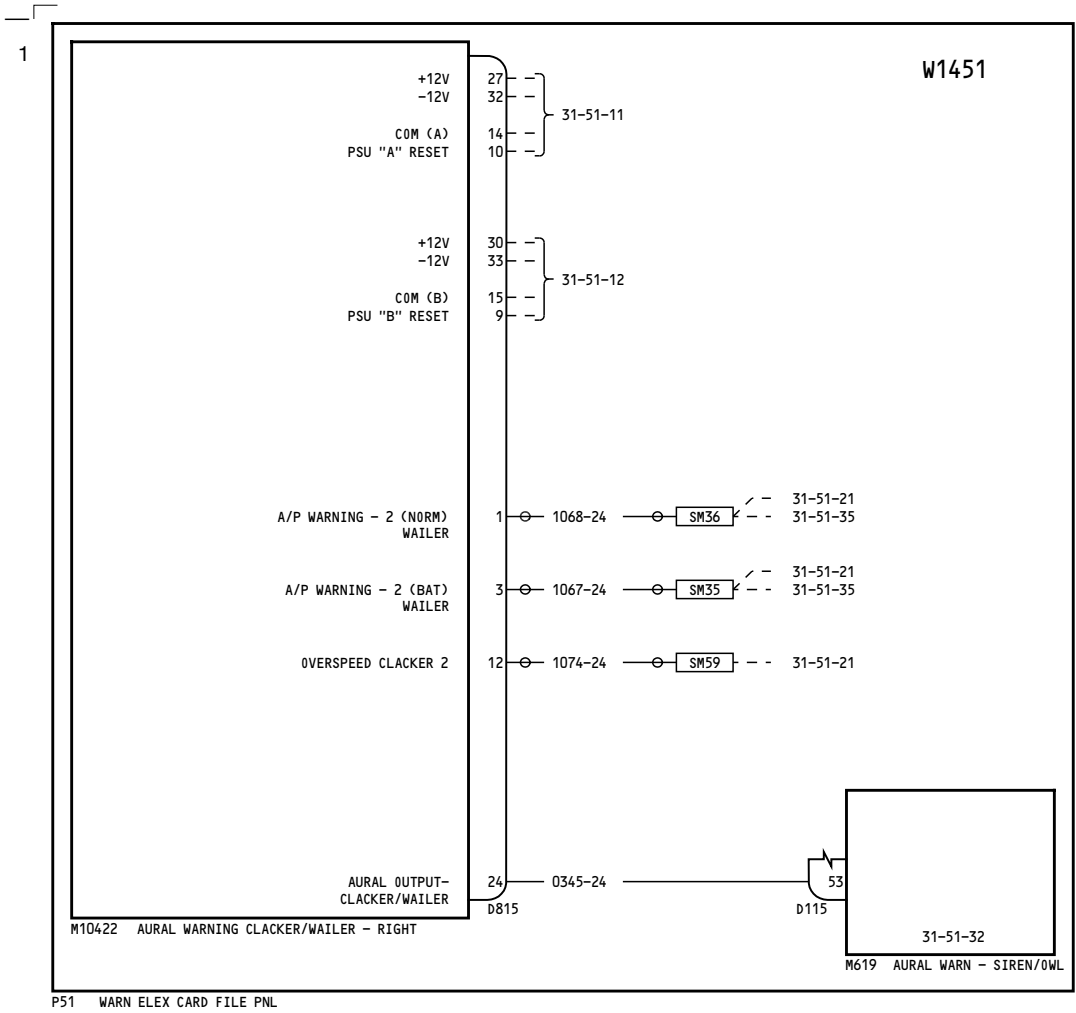
Dec 18/2007

Incorporates  
31-0164 R01

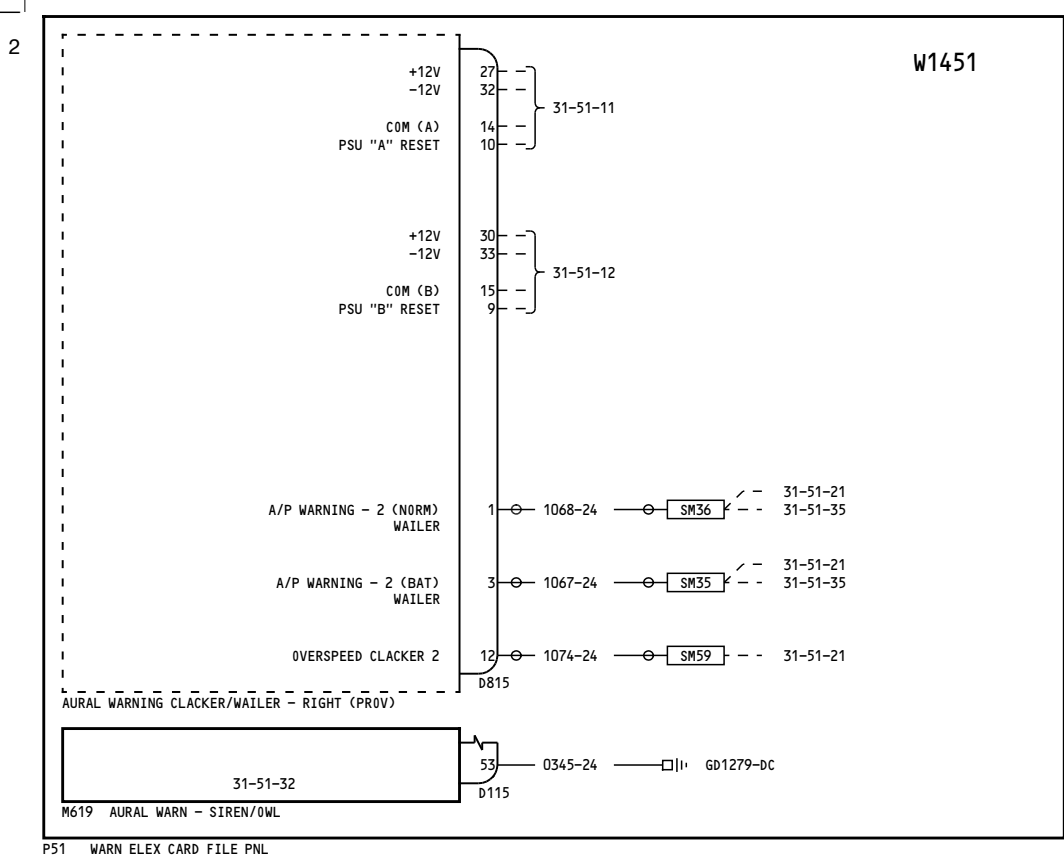
**31-51-35**

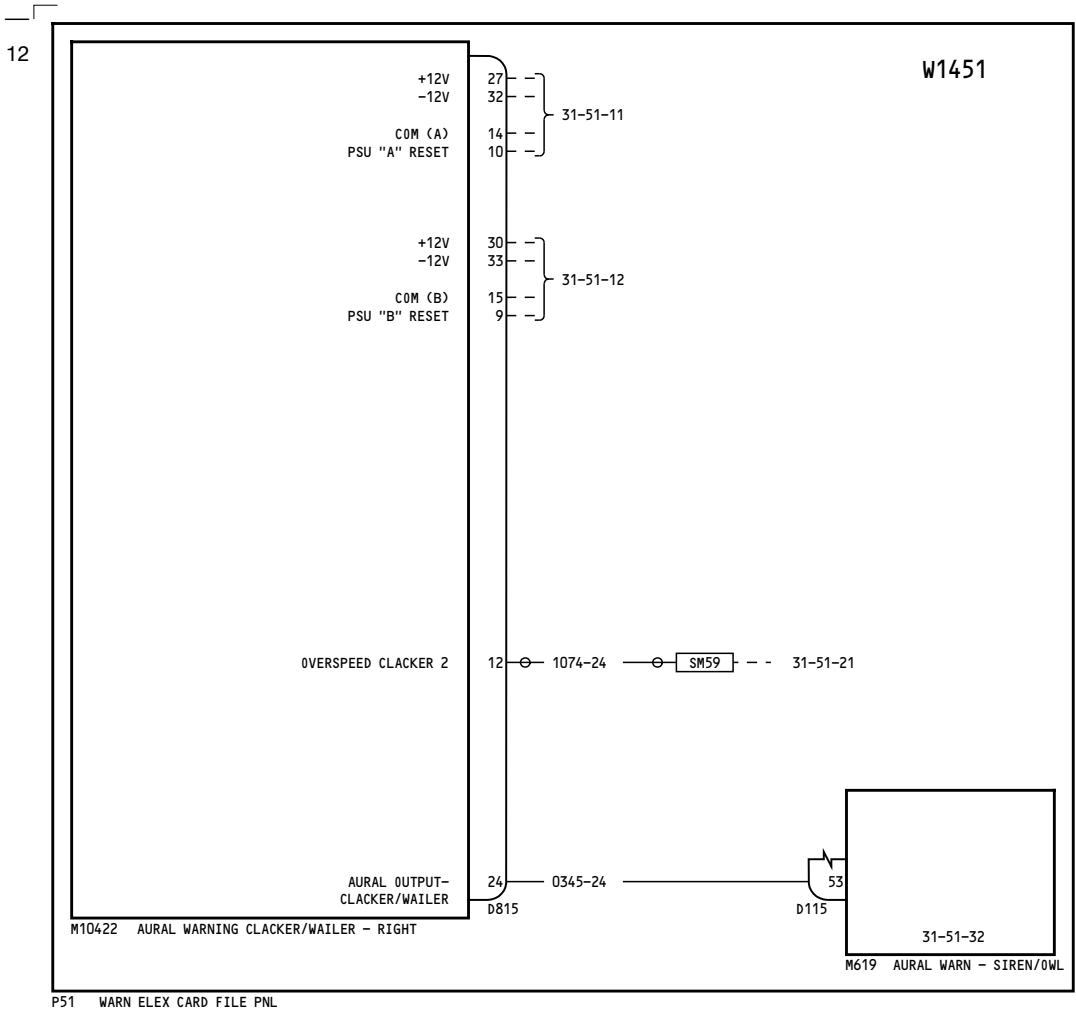
Page 2.1

Dec 18/2007











## TAKE-OFF CONFIGURATION WARNING

**31-51-41**

Jan 21/2005

**31-51-41**

Jan 21/2005



## TAKE-OFF CONFIGURATION WARNING

D280N032

**31-51-41**

Page 1.1

Jan 21/2005

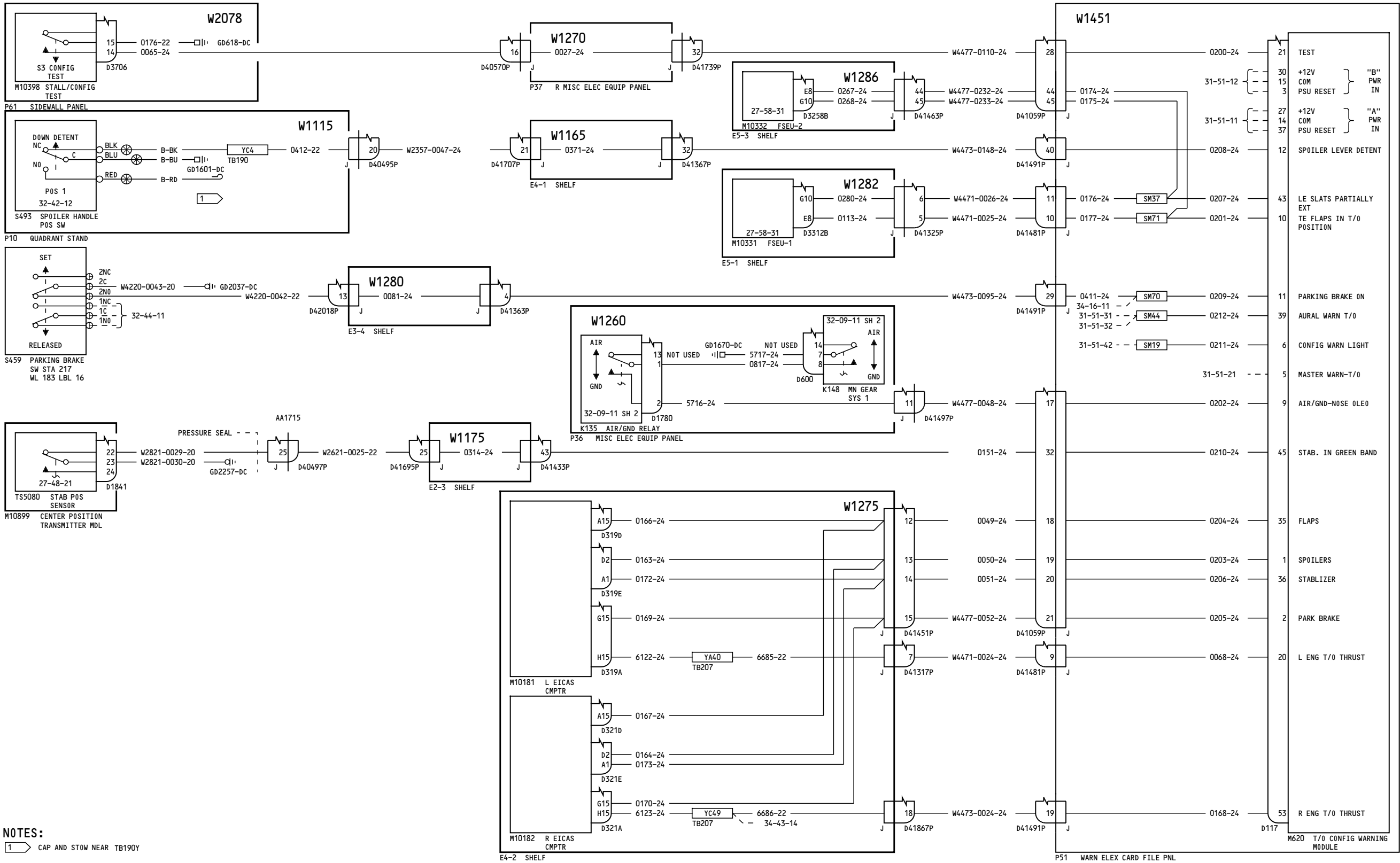
Incorporates  
▶ 27A0130 R01

**31-51-41**

Page 1.1

Jan 21/2005

71



**NOTES:**  
1 CAP AND STOW NEAR TB190Y

002

**TAKE-OFF CONFIGURATION WARNING**

D280N032

**31-51-41**

Page 1.2

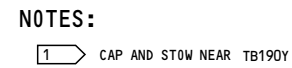
Jan 21/2005

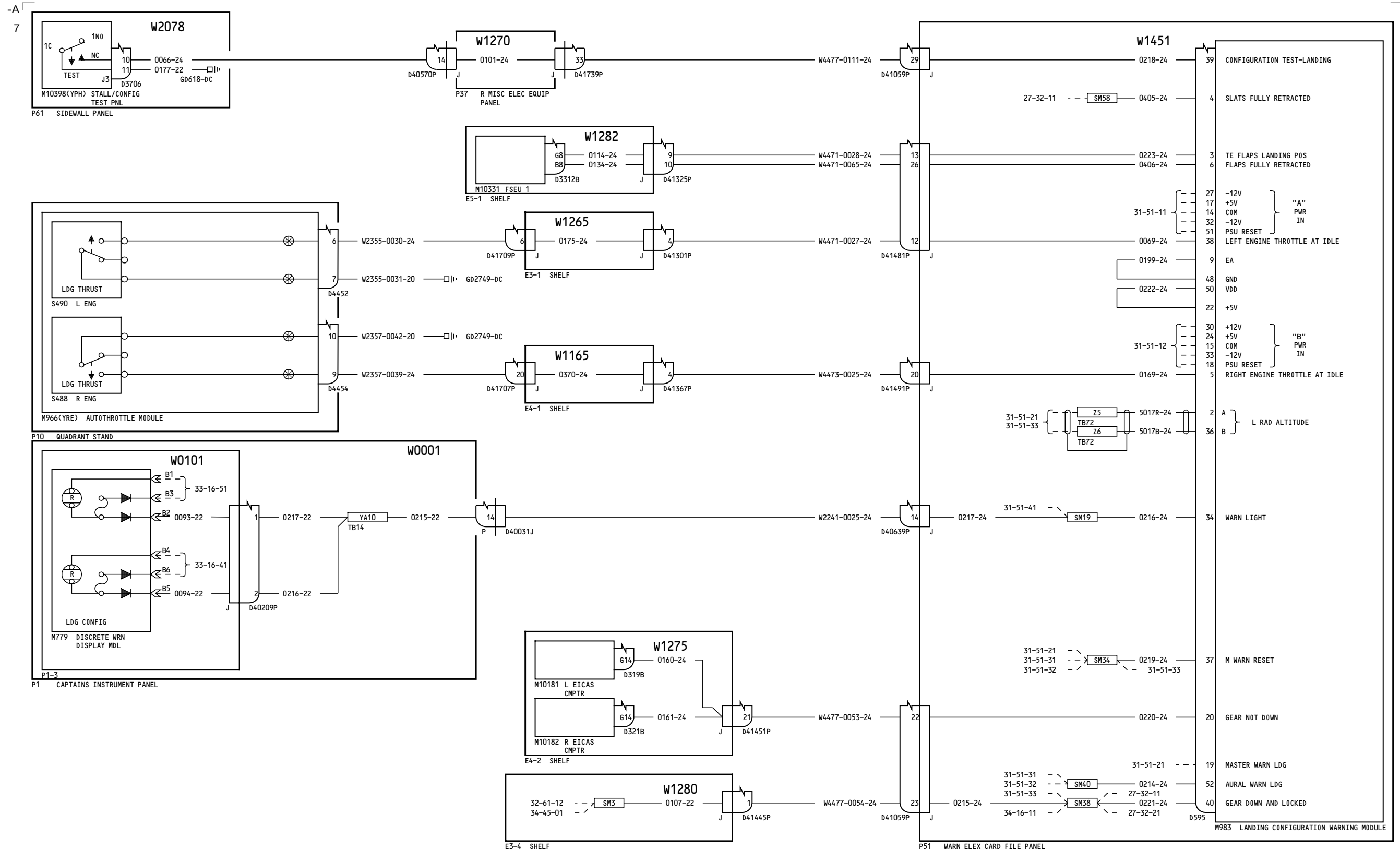
Incorporates  
27A0130 R01  
34-0200

**31-51-41**

Page 1.2

Jan 21/2005





001-099

## LANDING CONFIGURATION WARNING

D280N032

**31-51-42**

Page 1

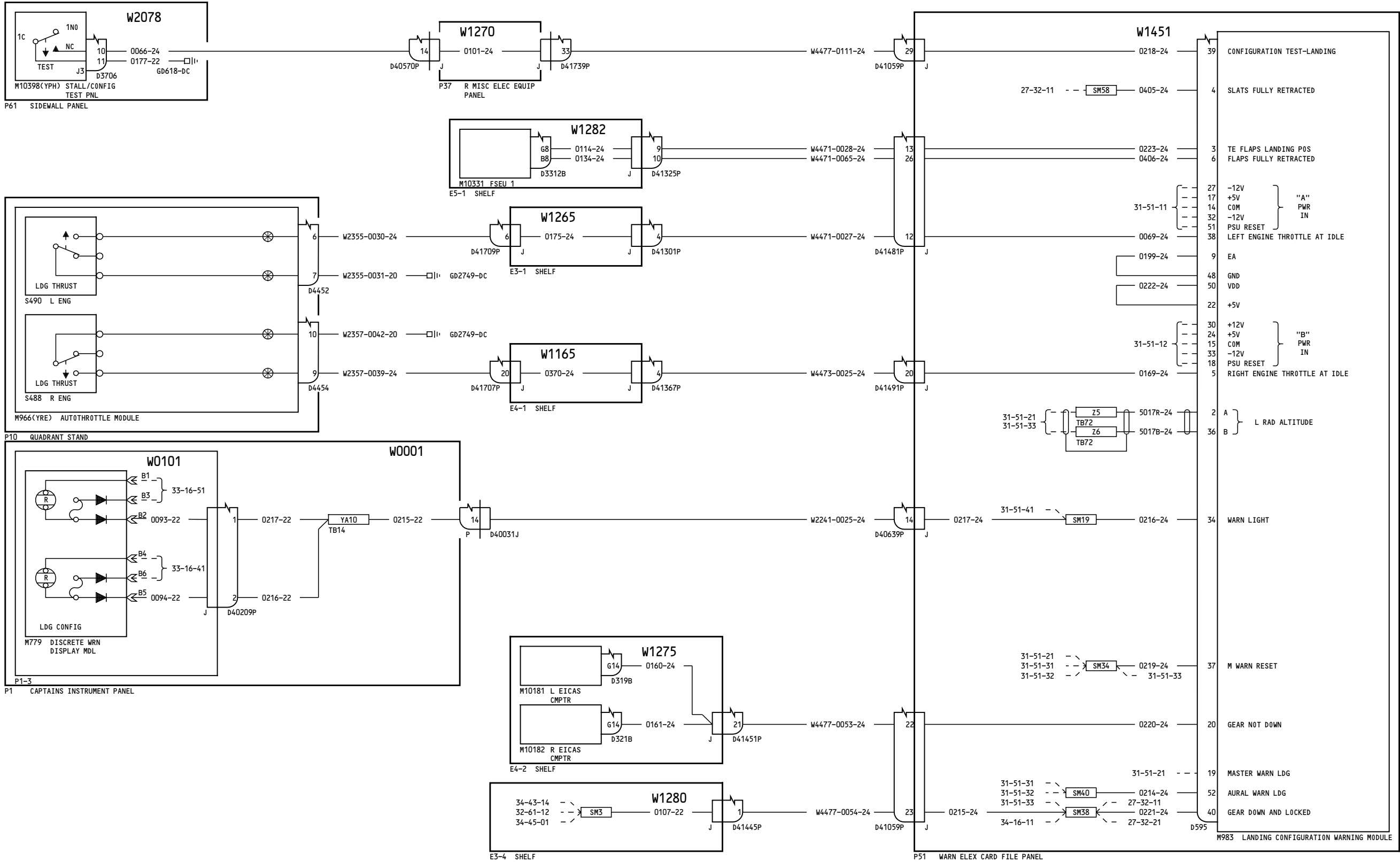
Jan 21/2005

**31-51-42**

Page 1

Jan 21/2005

26



002

**LANDING CONFIGURATION WARNING**

D280N032

**31-51-42**

Page 1.1

Jan 21/2005

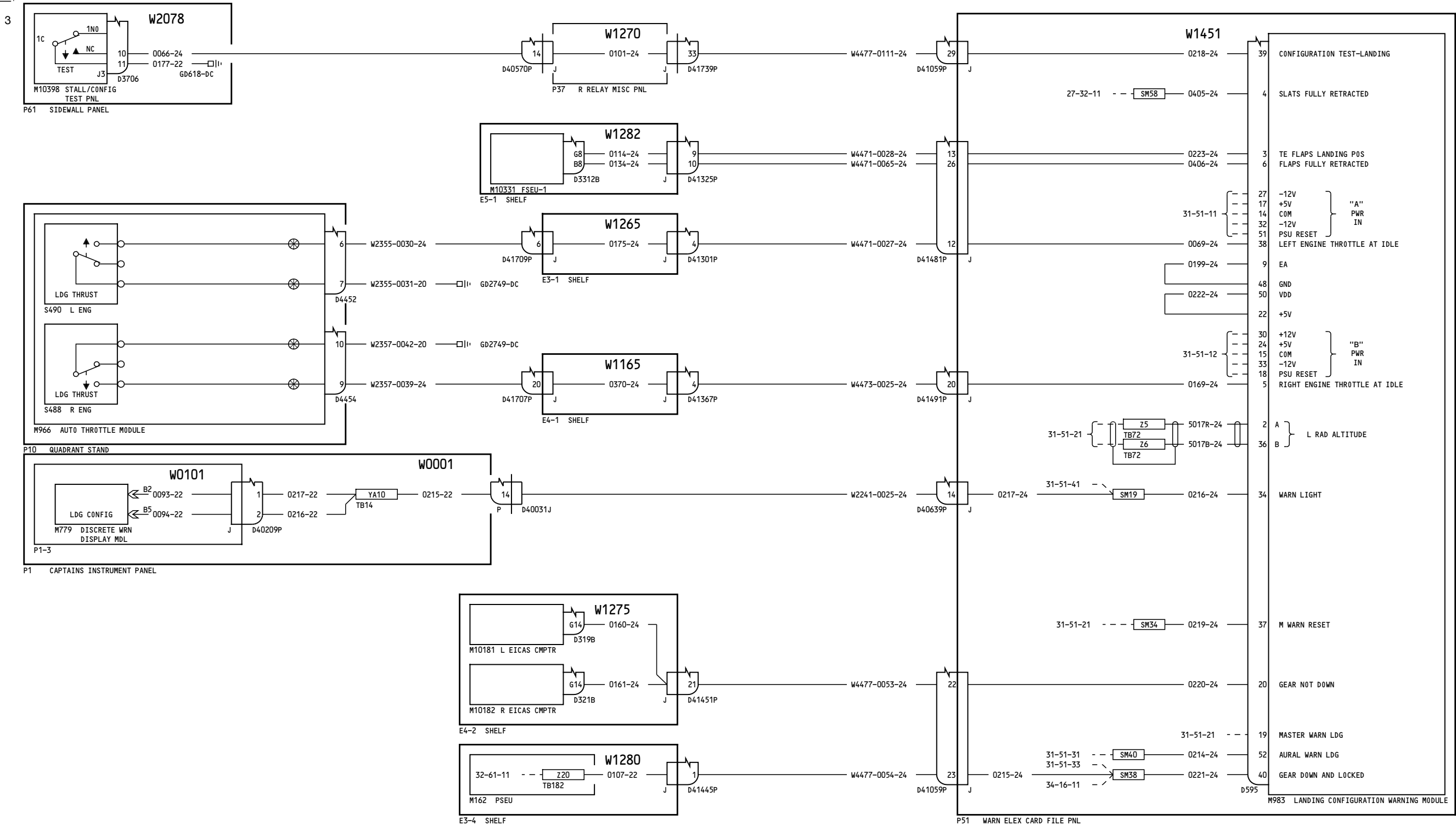
Incorporates  
34-0200

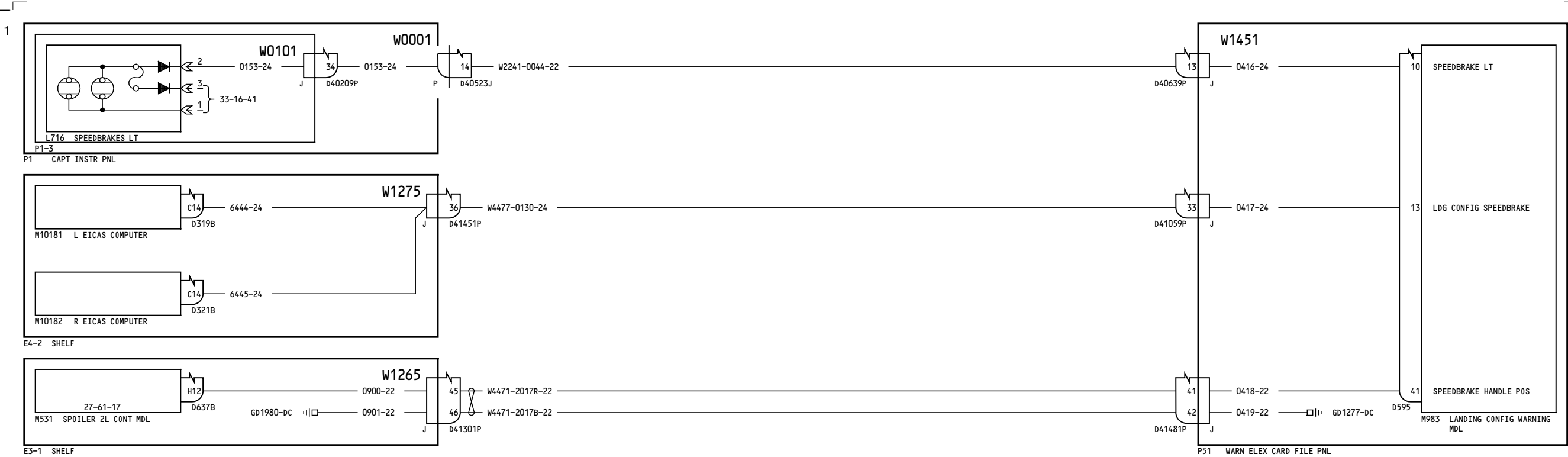
**31-51-42**

Page 1.1

Jan 21/2005







ALL

WEU CONFIGURATION  
WARNING - SPEEDBRAKES

D280N032

31-51-43

Page 1

Jan 21/2005

31-51-43

Page 1

Jan 21/2005