

CHAPTER

44

CABIN SYSTEMS



737-800

WIRING DIAGRAM MANUAL

CHAPTER 44
CABIN SYSTEMS

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

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IFE - SERVER BASED SYSTEM HEAD-END - CMT/ CP/ DATA PORT INTERFACES	44-21-12		1.1	1	Jan 12/2015	YT101-YT102
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IFE - SERVER BASED SYSTEM HEAD-END - MCU/ ADB ETHERNET INTERFACES	44-21-14		1		Mar 14/2016	YT101-YT120
IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES	44-21-16		1	1	Mar 14/2016	YT101-YT120
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IFE - SERVER BASED SYSTEM ARINC INTERFACES	44-21-20		1		Mar 14/2016	YT101-YT120
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IFE - SERVER BASED SYSTEM AIRCRAFT INTERFACES-PRAM/ PA/ KEYLINE DISCRETES	44-21-22		1	1	Aug 15/2013	YT101-YT103

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		4		1	Oct 14/2015	YT126-YT130
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EXTERNAL COMMUNICATION SYSTEM						
EXTERNAL COMMUNICATION SYSTEM-WIRELESS GATELINK	44-30-11		1		Mar 14/2016	YT101-YT120
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SATELLITE COMMUNICATION DATA						
CABIN WIRELESS POWER	44-35-20		1.1		Jan 12/2015	YT101-YT102
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CABIN WIRELESS DATA	44-35-22		1.1	1	Jan 12/2015	YT101-YT102
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44-21-22	IFE - SERVER BASED SYSTEM AIRCRAFT INTERFACES-PRAM/ PA/KEYLINE DISCRETES
44-21-20	IFE - SERVER BASED SYSTEM ARINC INTERFACES
44-21-12	IFE - SERVER BASED SYSTEM HEAD-END - CMT/CP/ DATA PORT INTERFACES
44-21-14	IFE - SERVER BASED SYSTEM HEAD-END - MCU/ADB ETHERNET INTERFACES
44-21-16	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
44-21-10	IFE - SERVER BASED SYSTEM POWER & CONTROL DISTRIBUTION

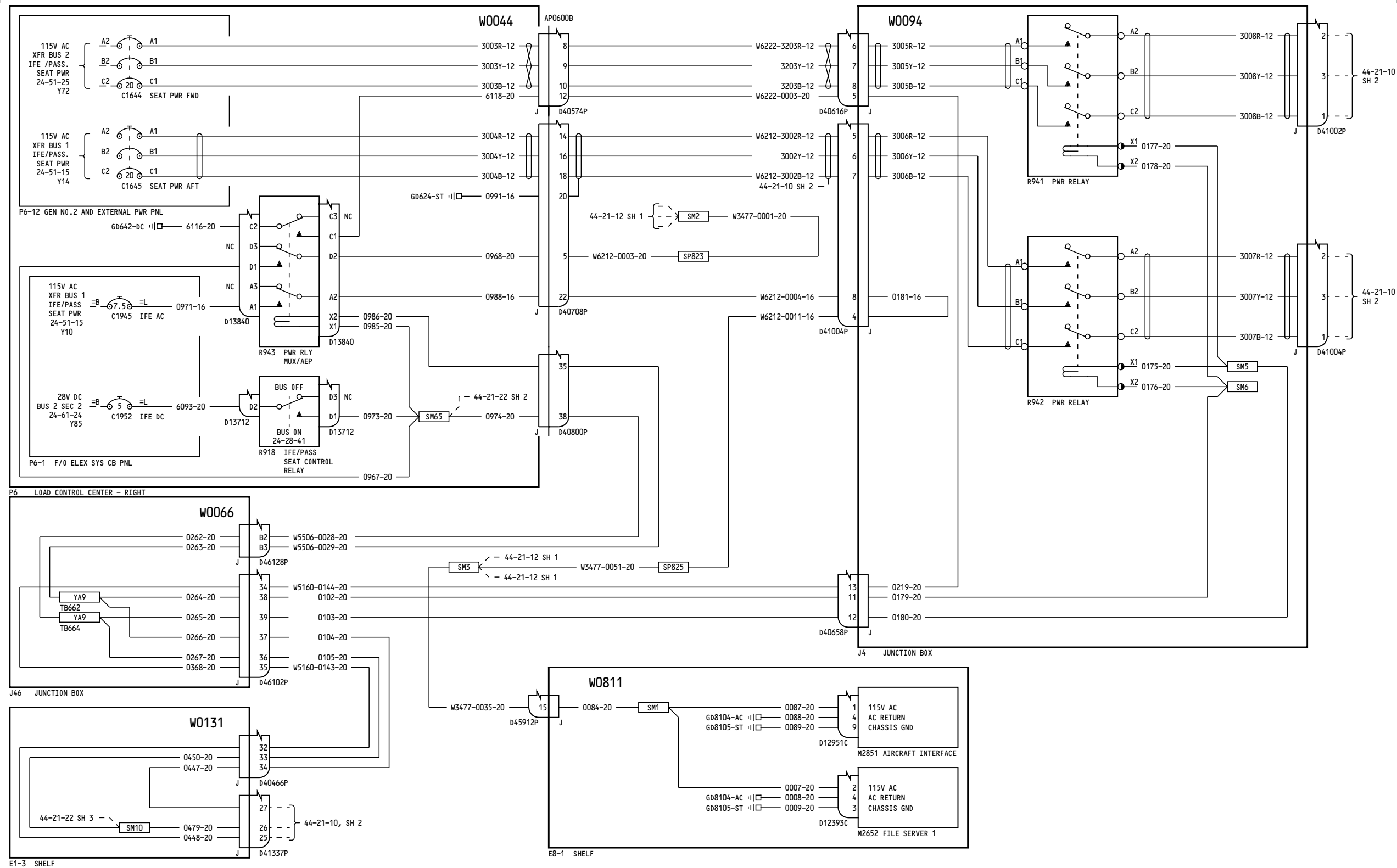
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YT101-YT120

**IFE - SERVER BASED SYSTEM
POWER & CONTROL
DISTRIBUTION**

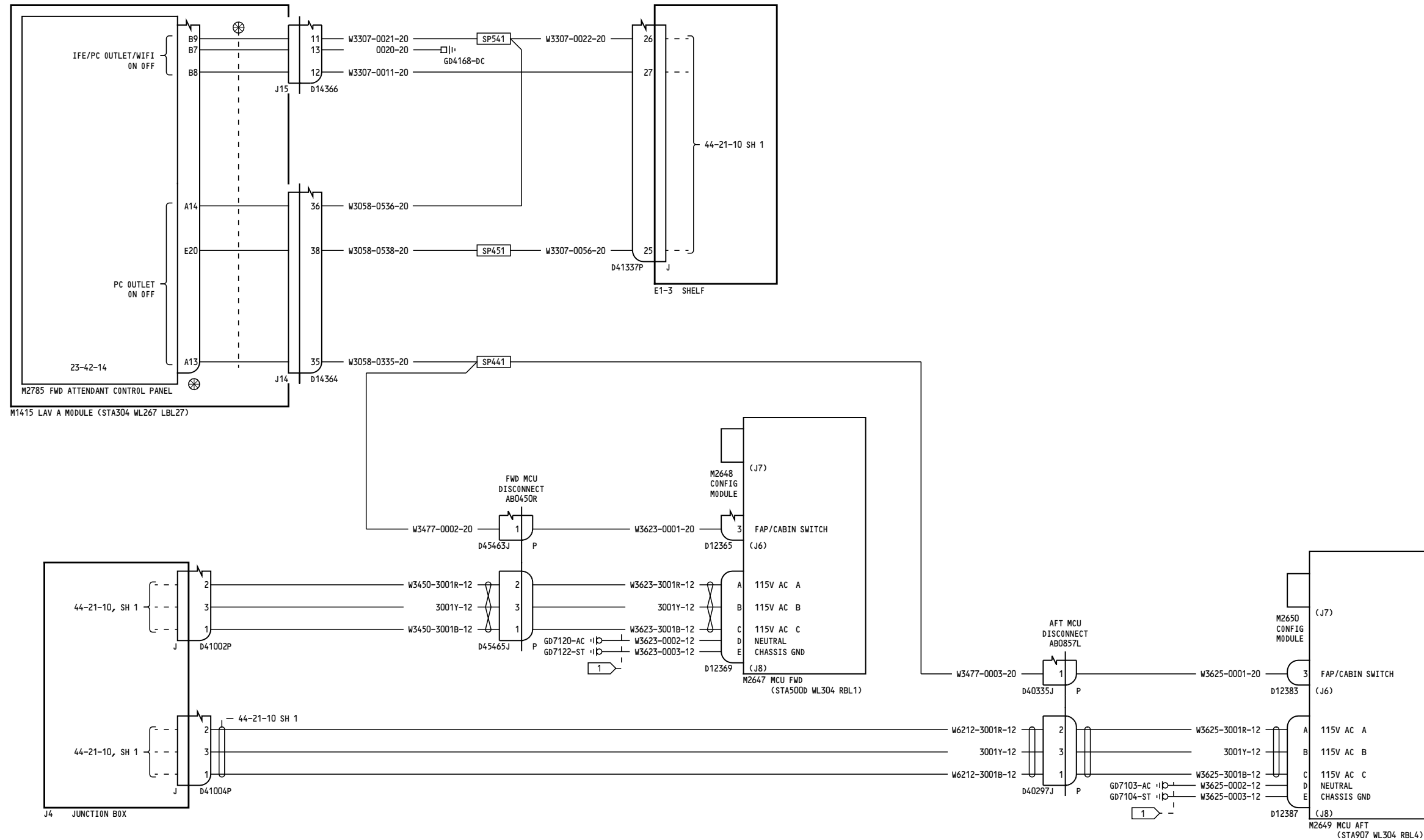
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NOTES:

1 GROUND LENGTH NOT TO EXCEED 5 FEET.

YT101-YT120

IFE - SERVER BASED SYSTEM POWER & CONTROL DISTRIBUTION

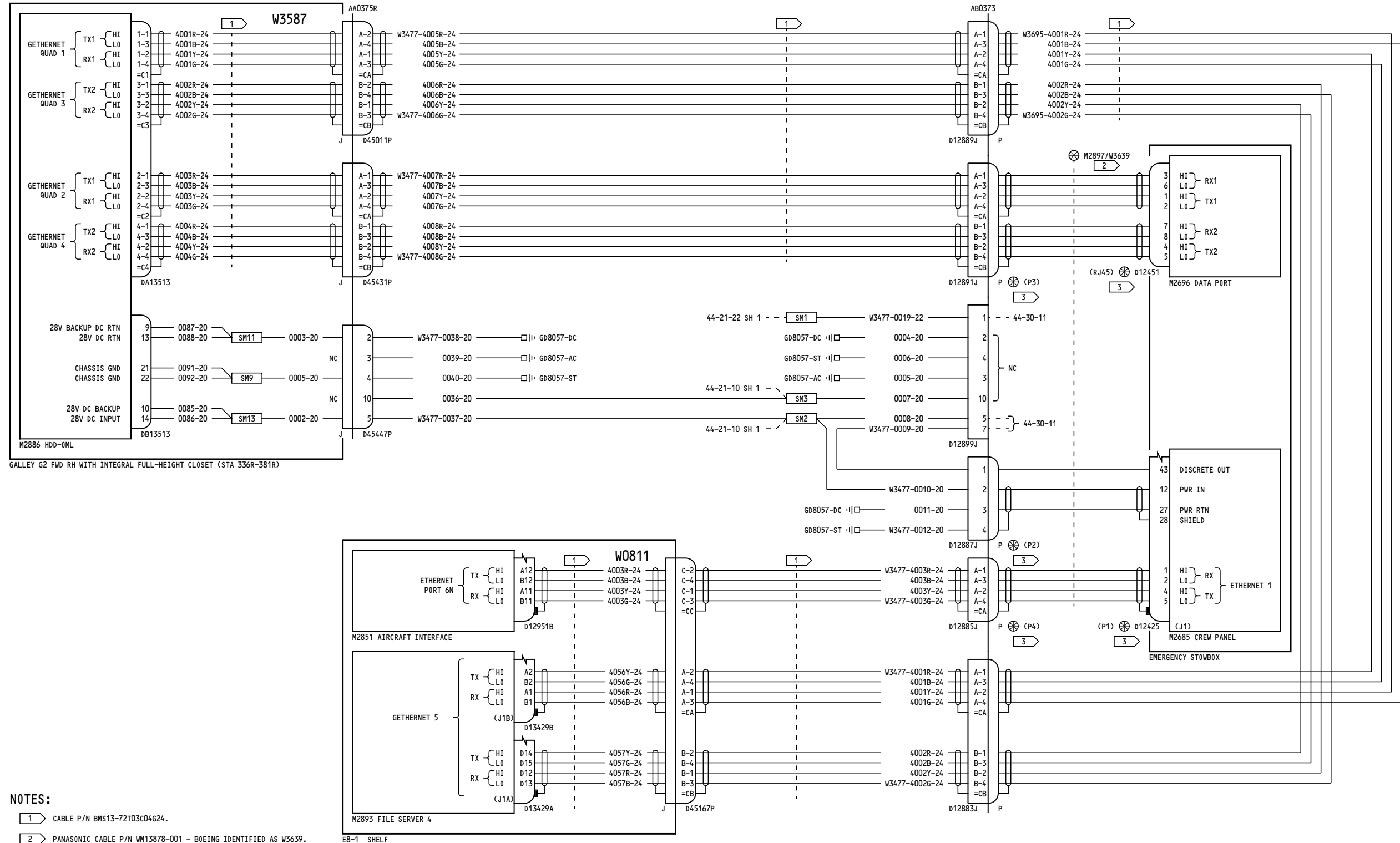
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NOTES:

- CABLE P/N BMS13-72T03C04G24.
- PANASONIC CABLE P/N WM13878-001 - BOEING IDENTIFIED AS W3639.
- VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.

YT101-YT102

IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES

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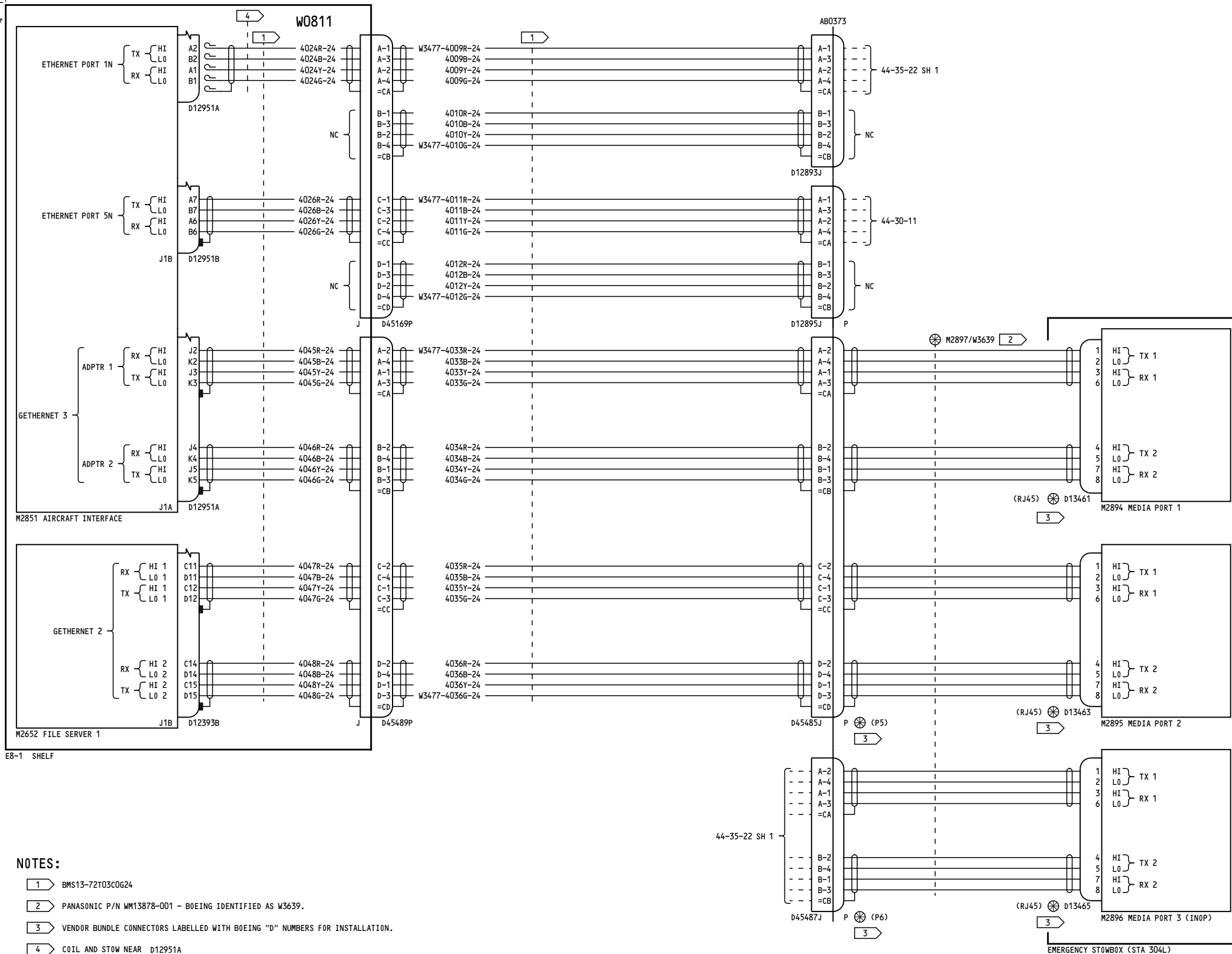
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YT101-YT102

**IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES**

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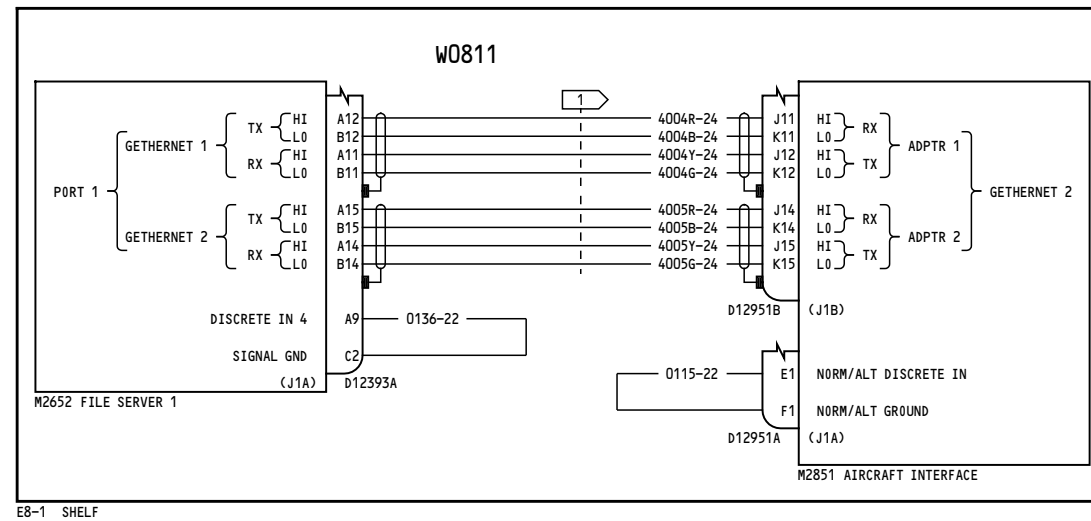
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1 CABLE P/N BMS13-72T03C04G24

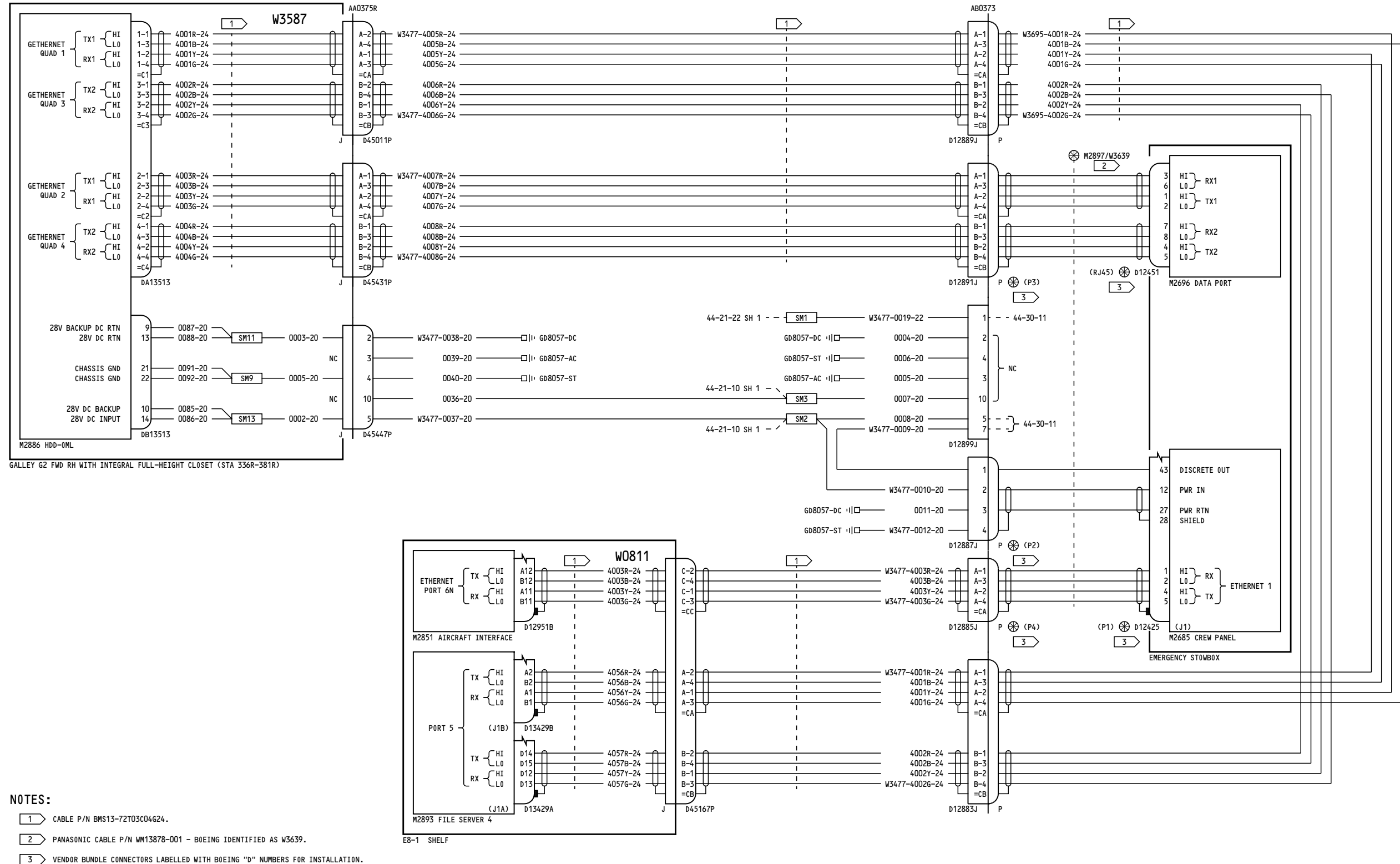
YT101-YT102	IFE - SERVER BASED SYSTEM HEAD-END - CMT/CP/ DATA PORT INTERFACES
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YT103-YT120

IFE - SERVER BASED SYSTEM

HEAD-END - CMT/CP/

DATA PORT INTERFACES

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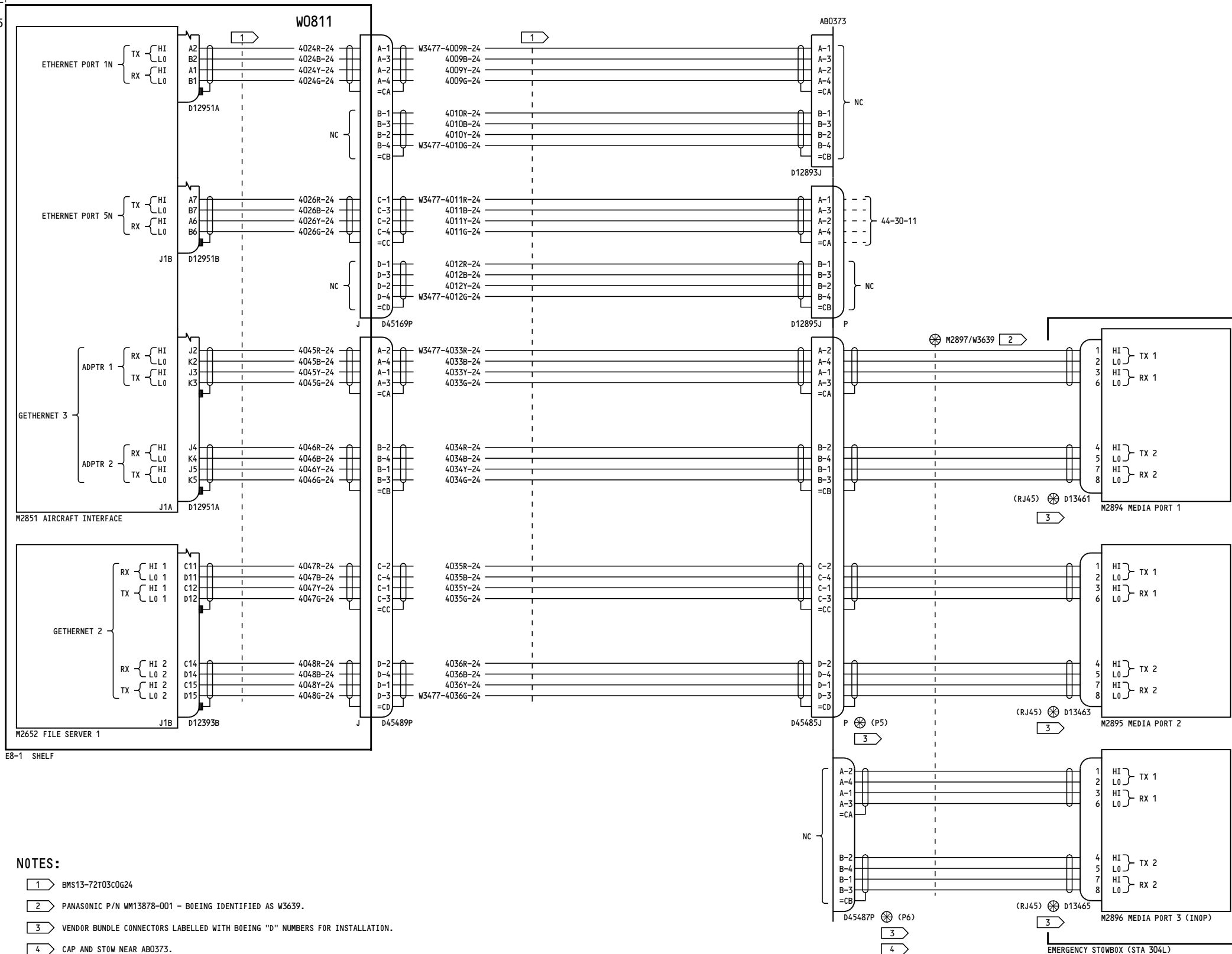
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YT103-YT120

**IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES**

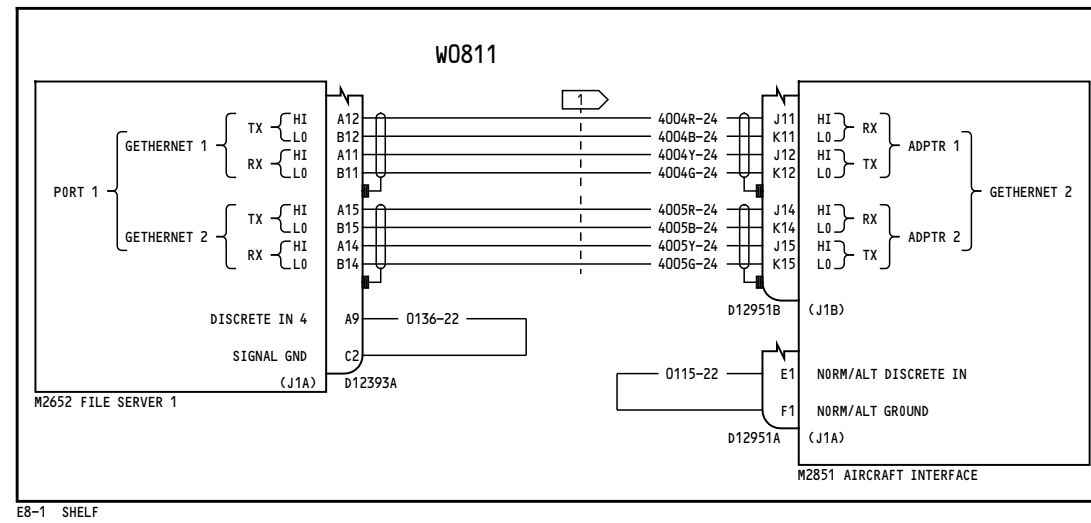
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NOTES:

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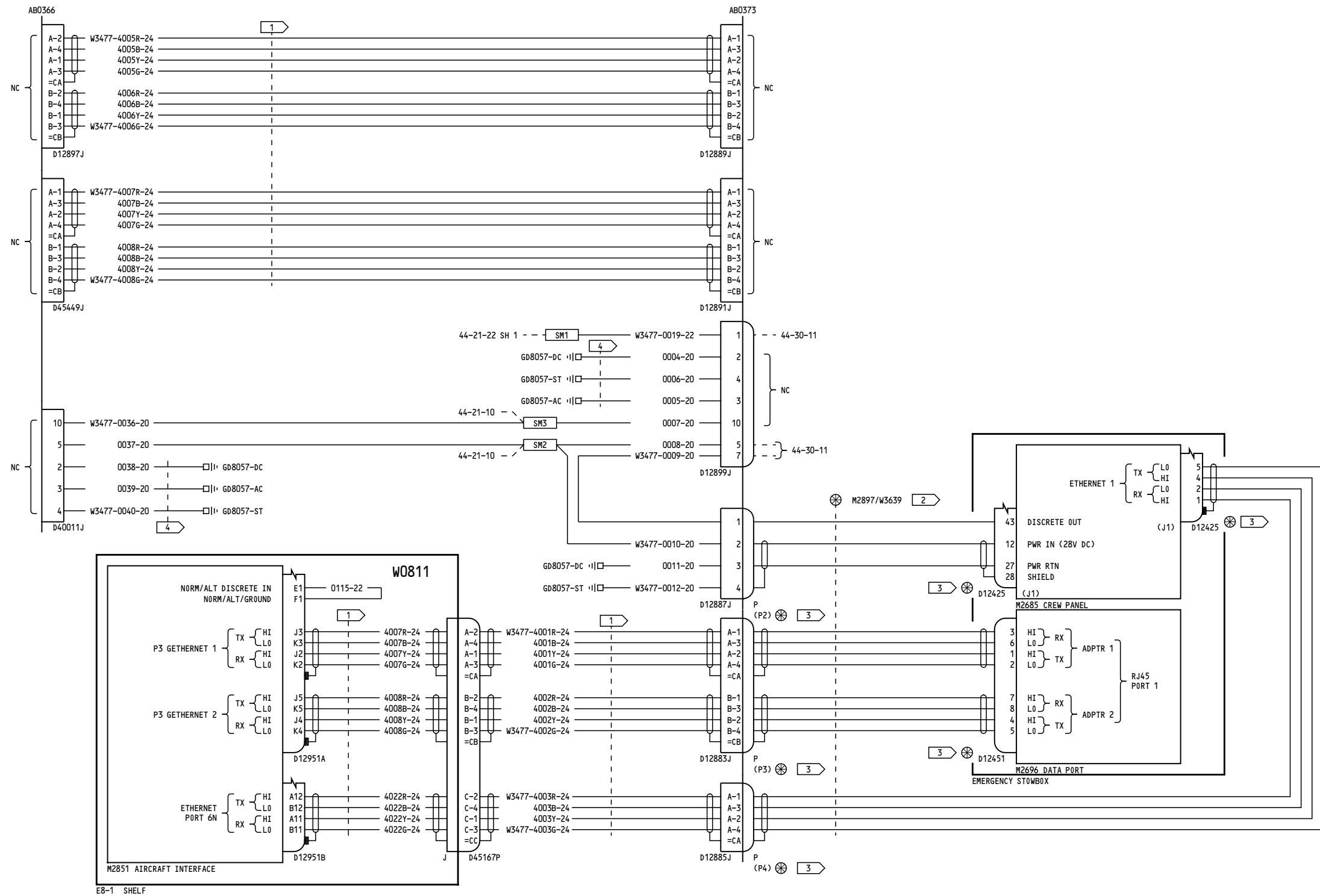
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NOTES:

- CABLE P/N BMS13-72T03C04G024.
- PANASONIC CABLE P/N WM13878-001 - BOEING IDENTIFIED AS W3639.
- VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- GROUND WIRE NOT TO EXCEED 7 FEET IN LENGTH.

YT126-YT133

IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES

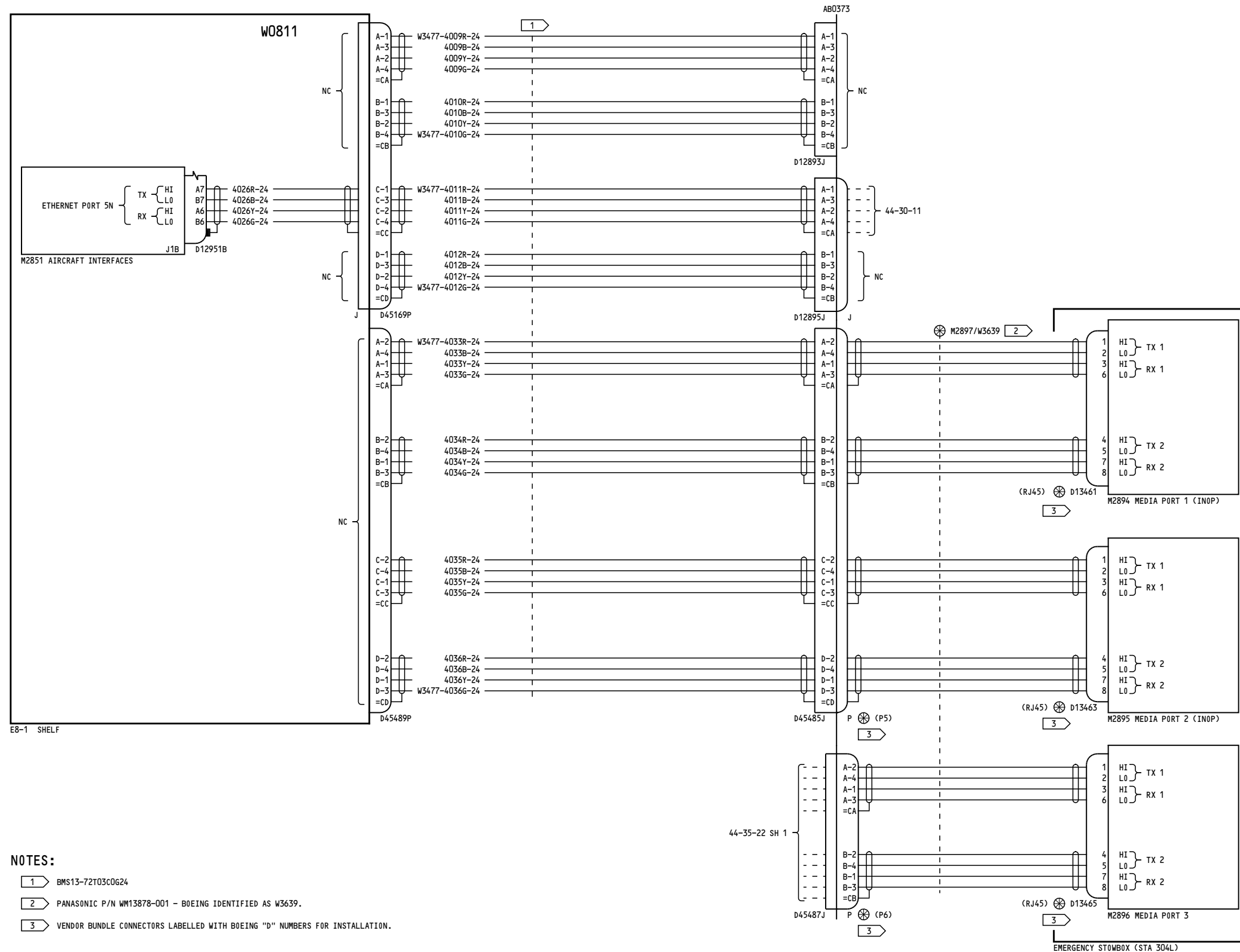
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YT126-YT133

**IFE - SERVER BASED SYSTEM
HEAD-END - CMT/CP/
DATA PORT INTERFACES**

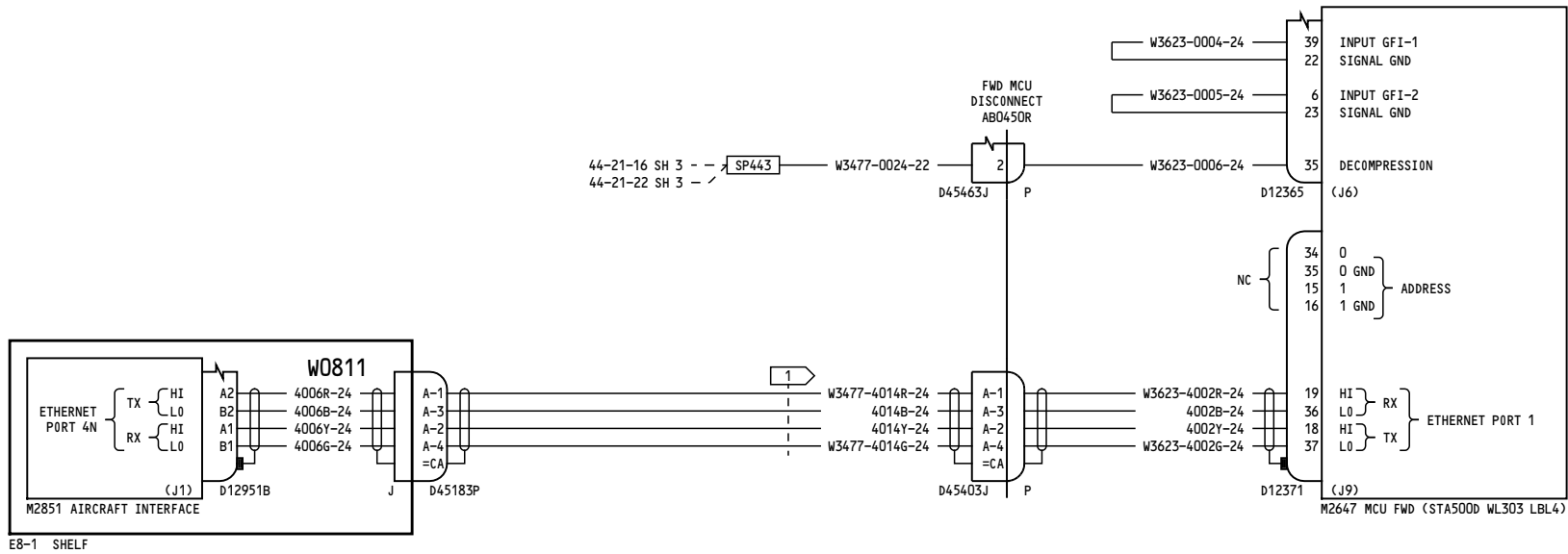
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NOTES:

1 CABLE P/N BMS13-72T03C04G024

YT101-YT120

IFE - SERVER BASED SYSTEM
HEAD-END - MCU/ADB
ETHERNET INTERFACES

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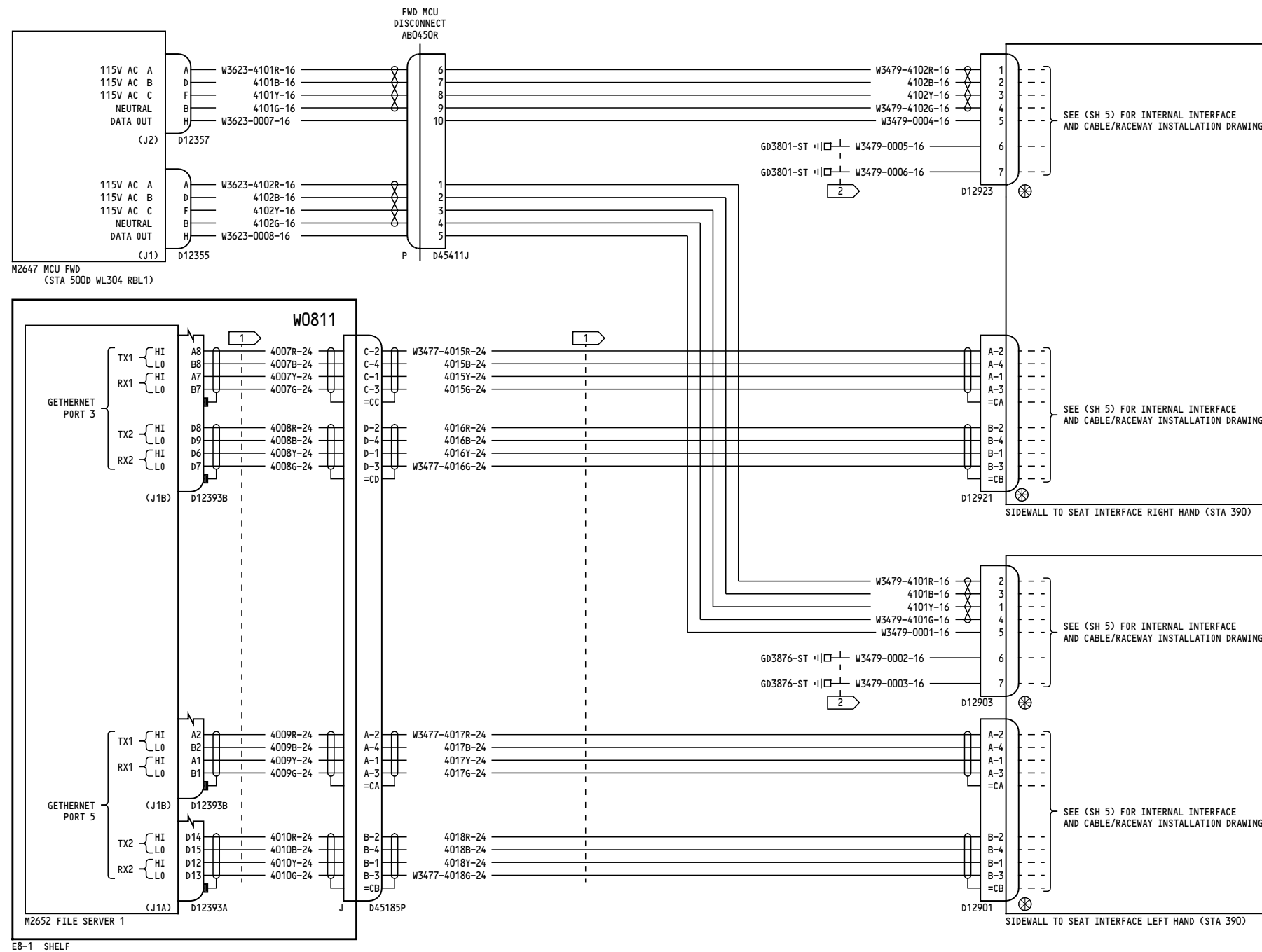
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NOTES:

- 1 BMS13-72T03C04G24
- 2 MAXIMUM 24 INCH LENGTH

YT101-YT120

**IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES**

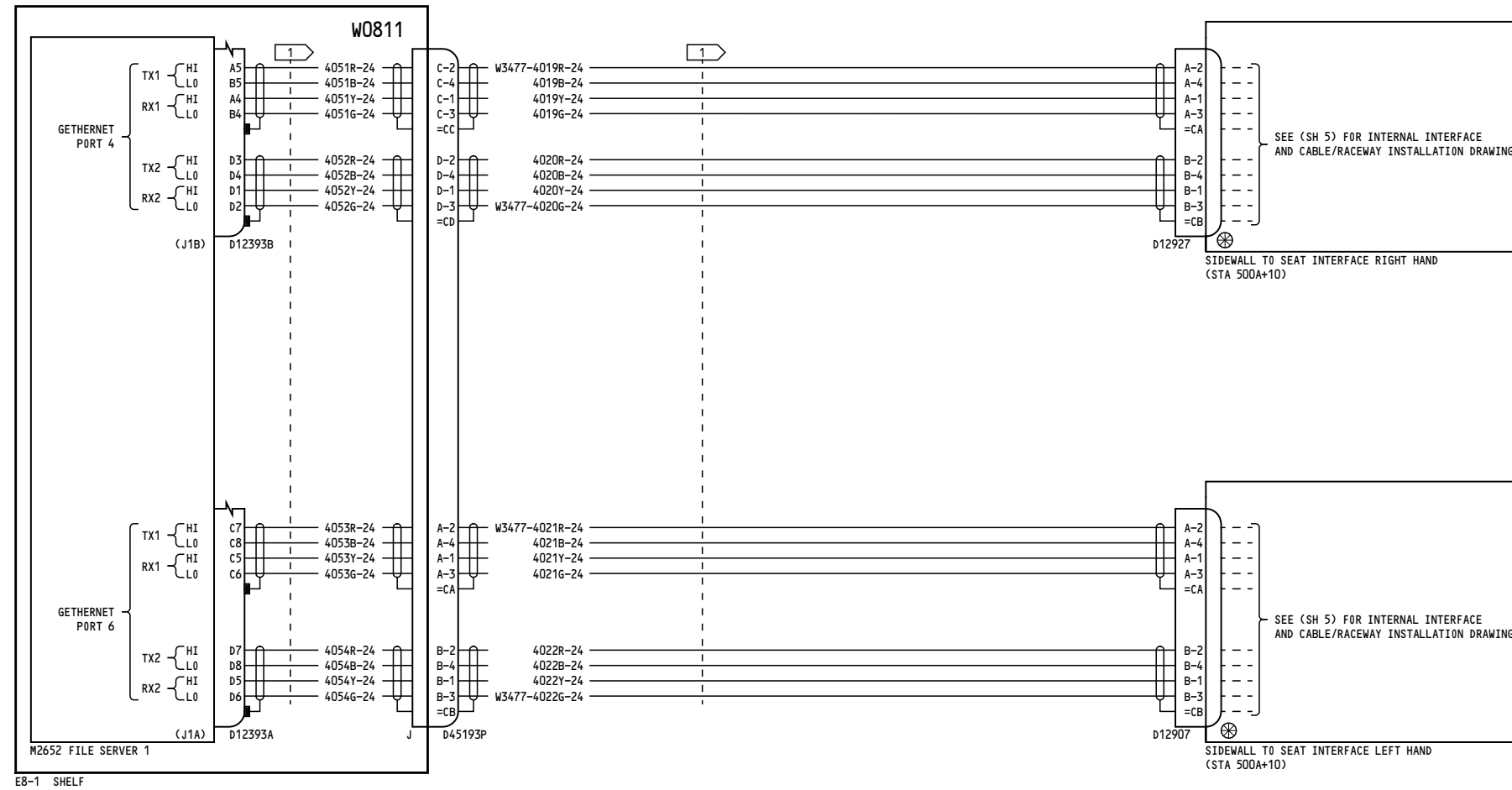
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NOTES:

1 BMS13-72T03C04G24

YT101-YT120	IFE - SERVER BASED SYSTEM MCU/ADB - SEAT COLUMN INTERFACES
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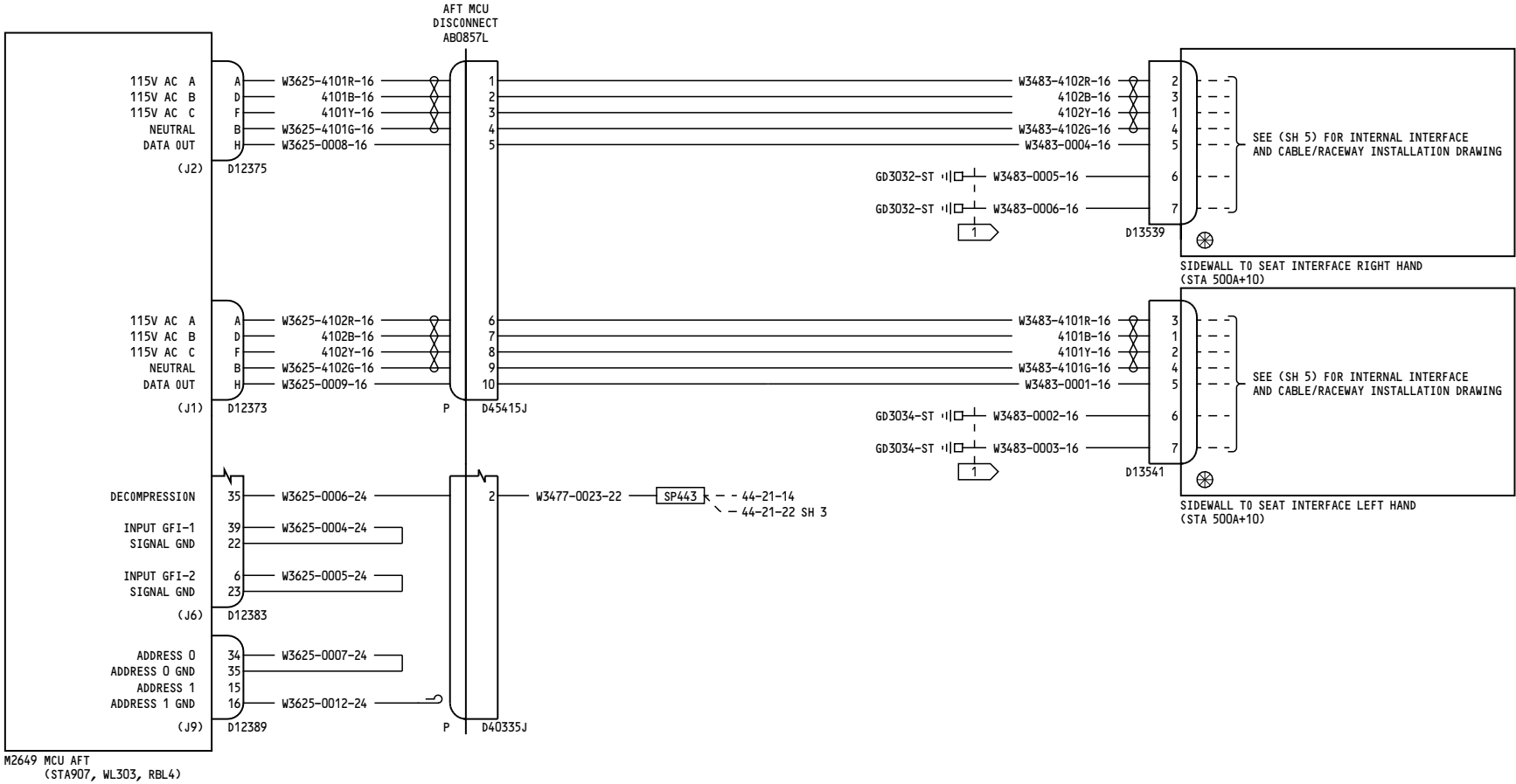
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1 MAXIMUM 24 INCH LENGTH

YT101-YT120

IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES

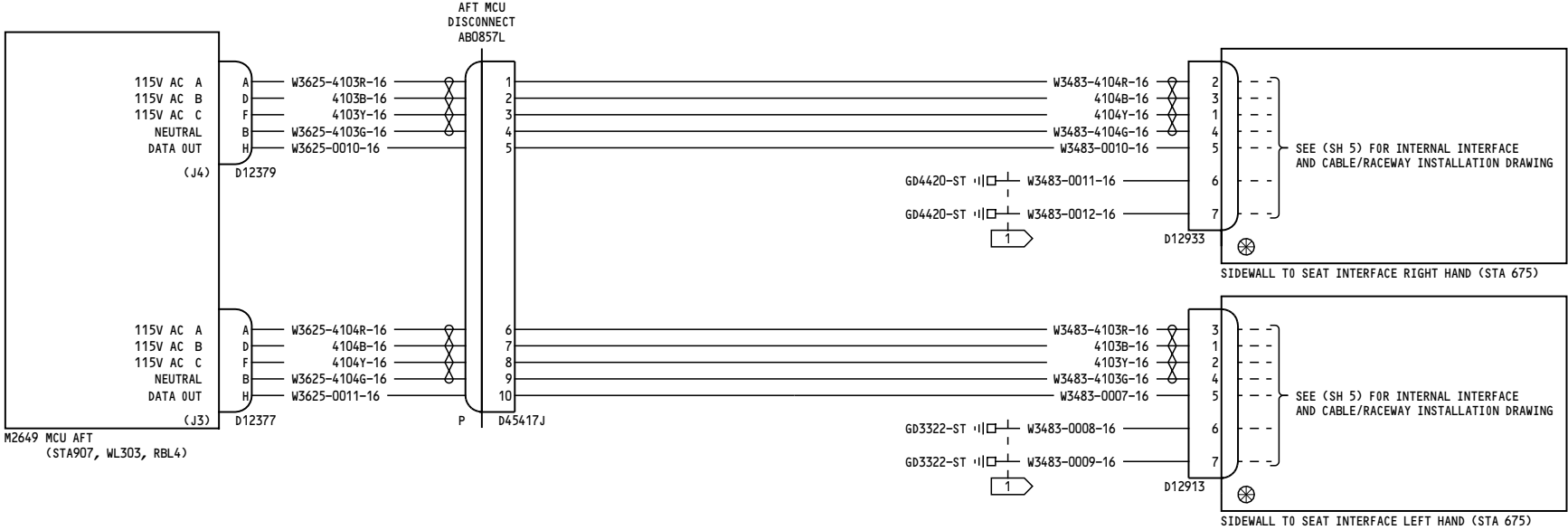
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1 MAXIMUM 24 INCH LENGTH

YT101-YT120

**IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES**

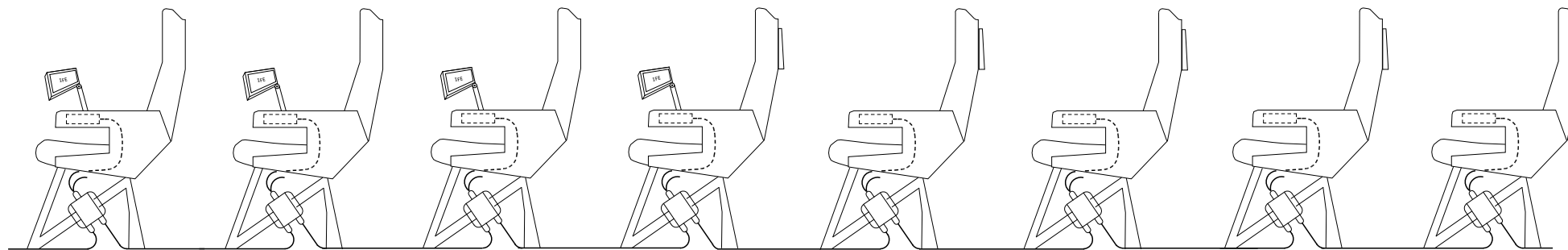
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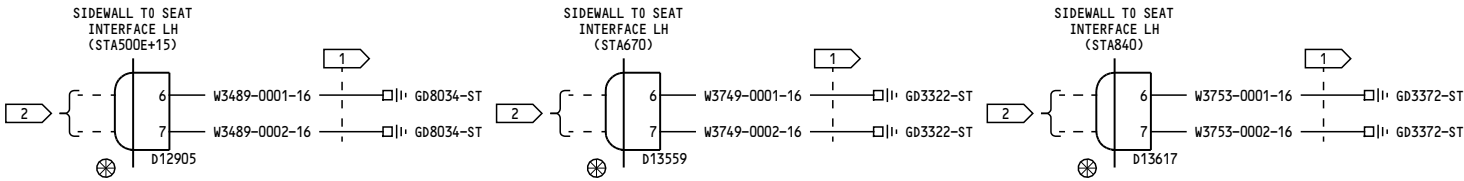
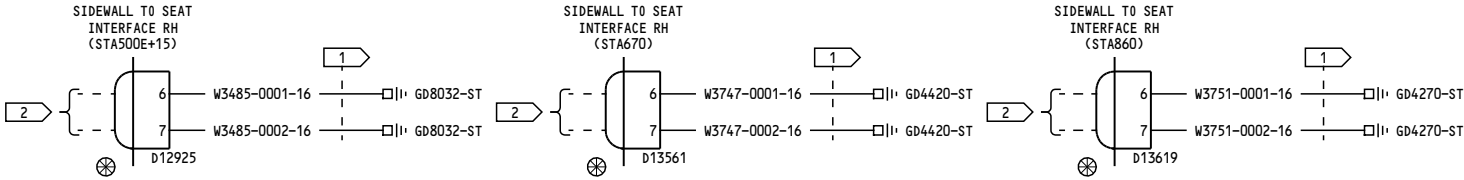
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SEE VENDOR DRAWING IS60860 FOR IN-SEAT WIRING

SEE CABLE AND RACEWAY INSTALLATION DRAWING 414A1110 FOR SEAT-TO-SEAT WIRING

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- NOTES:**
- 1 MAXIMUM 24 INCH LENGTH
 - 2 SEE (SH 5) FOR INTERNAL INTERFACE AND CABLE/RACEWAY INSTALLATION DRAWING.

YT101-YT120

**IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES**

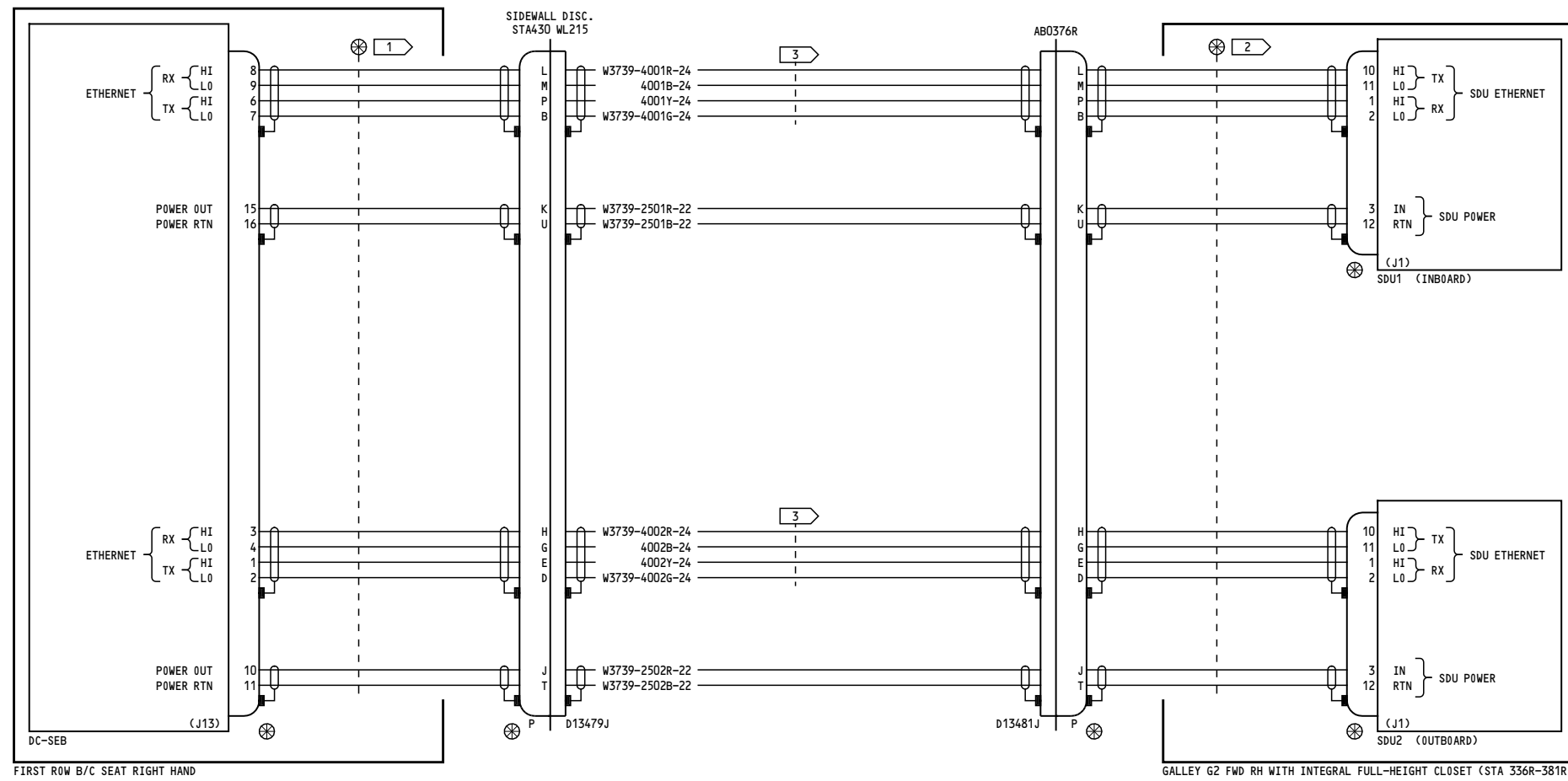
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- 1 PANASONIC CABLE P/N RD-FM7336-XXXX
- 2 PANASONIC CABLE P/N RD-FM7337-XXXX
- 3 BMS13-72T03C04G024

YT101-YT120

**IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES**

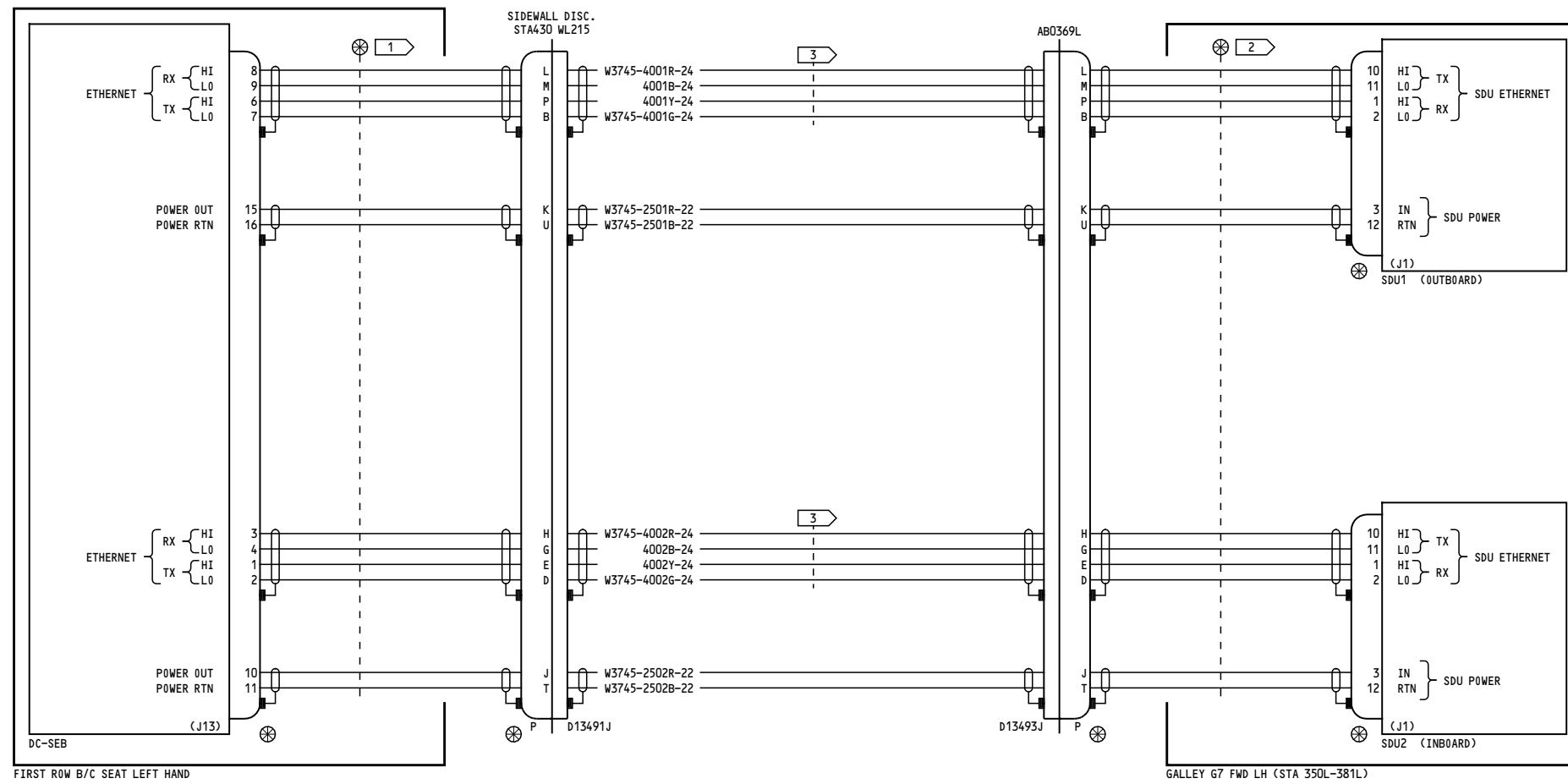
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NOTES:

- 1 PANASONIC CABLE P/N RD-FM7336-XXXX
- 2 PANASONIC CABLE P/N RD-FM7337-XXXX
- 3 BMS13-72T03C04G024

YT101-YT120

**IFE - SERVER BASED SYSTEM
MCU/ADB - SEAT
COLUMN INTERFACES**

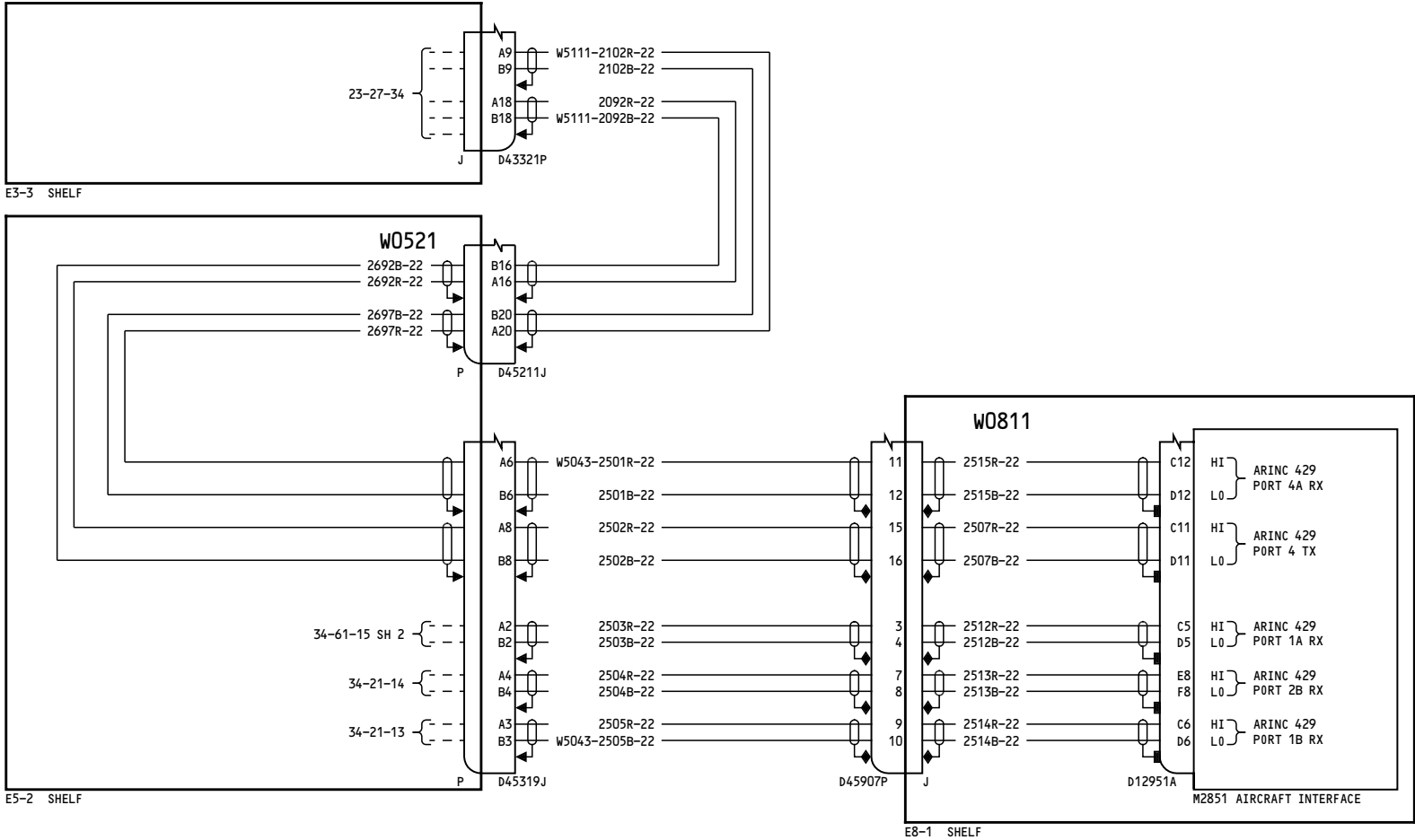
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YT101-YT120

IFE - SERVER BASED SYSTEM
ARINC INTERFACES

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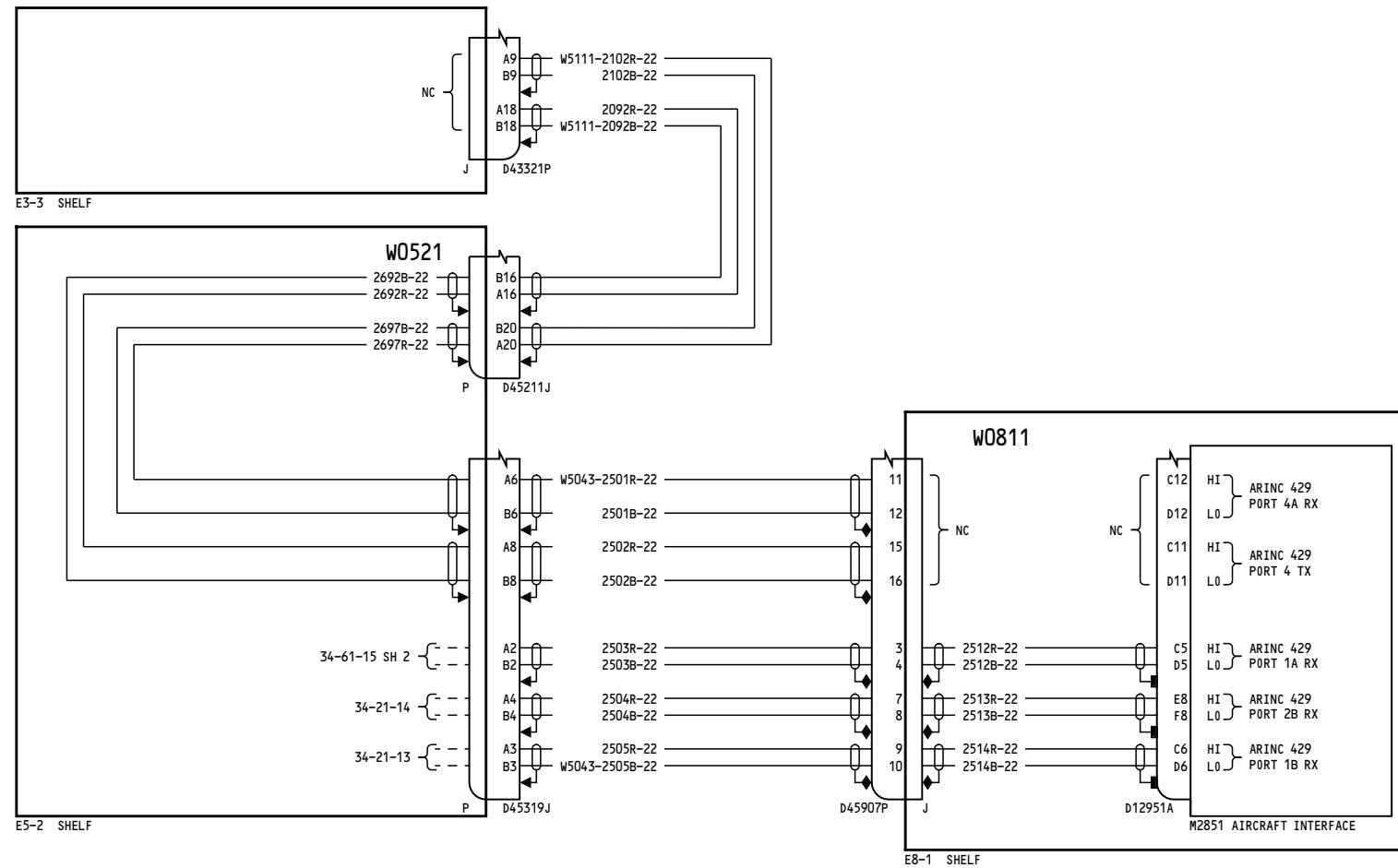
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ARINC INTERFACES**

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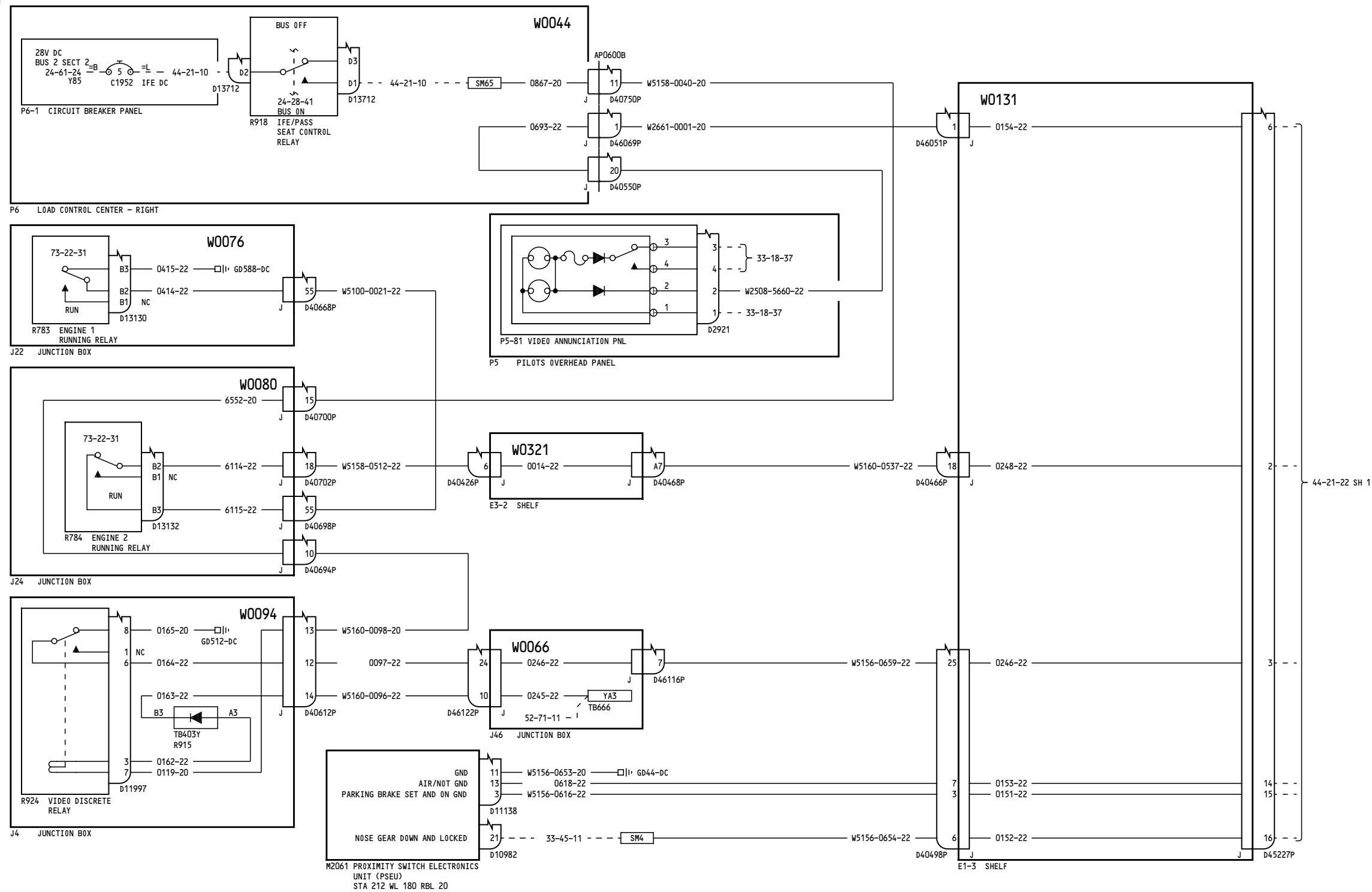
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YT101-YT103

IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES

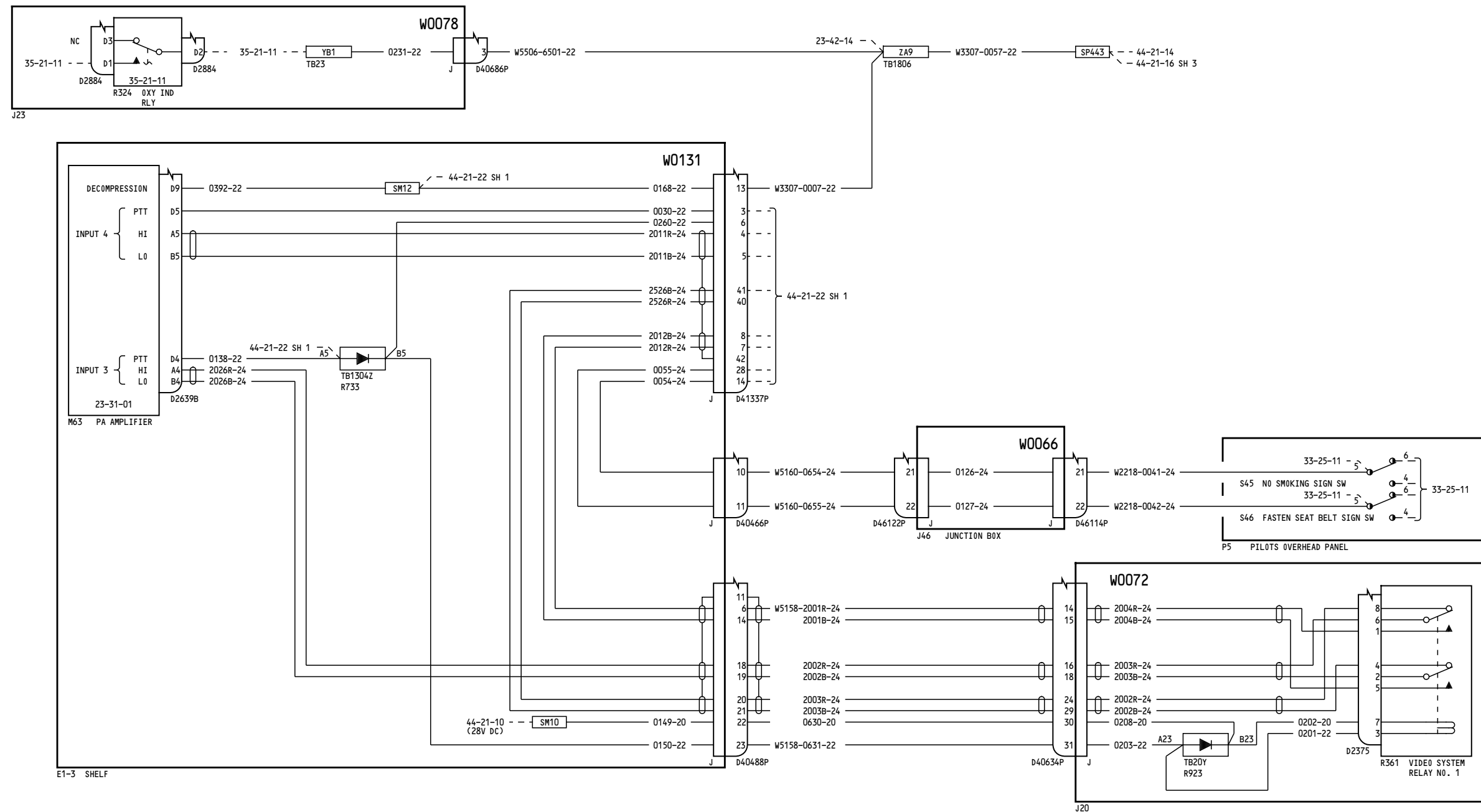
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AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

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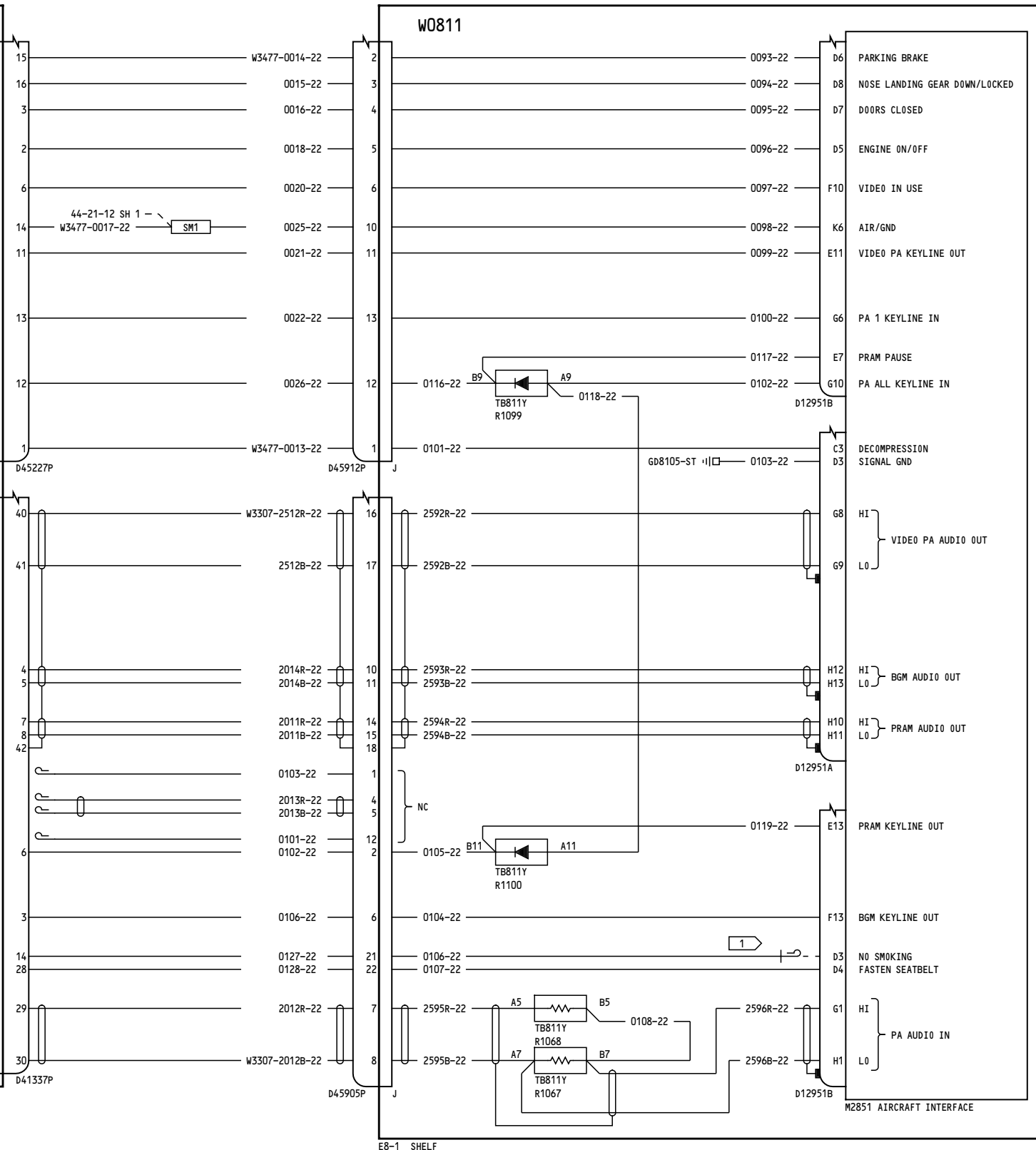
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**IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

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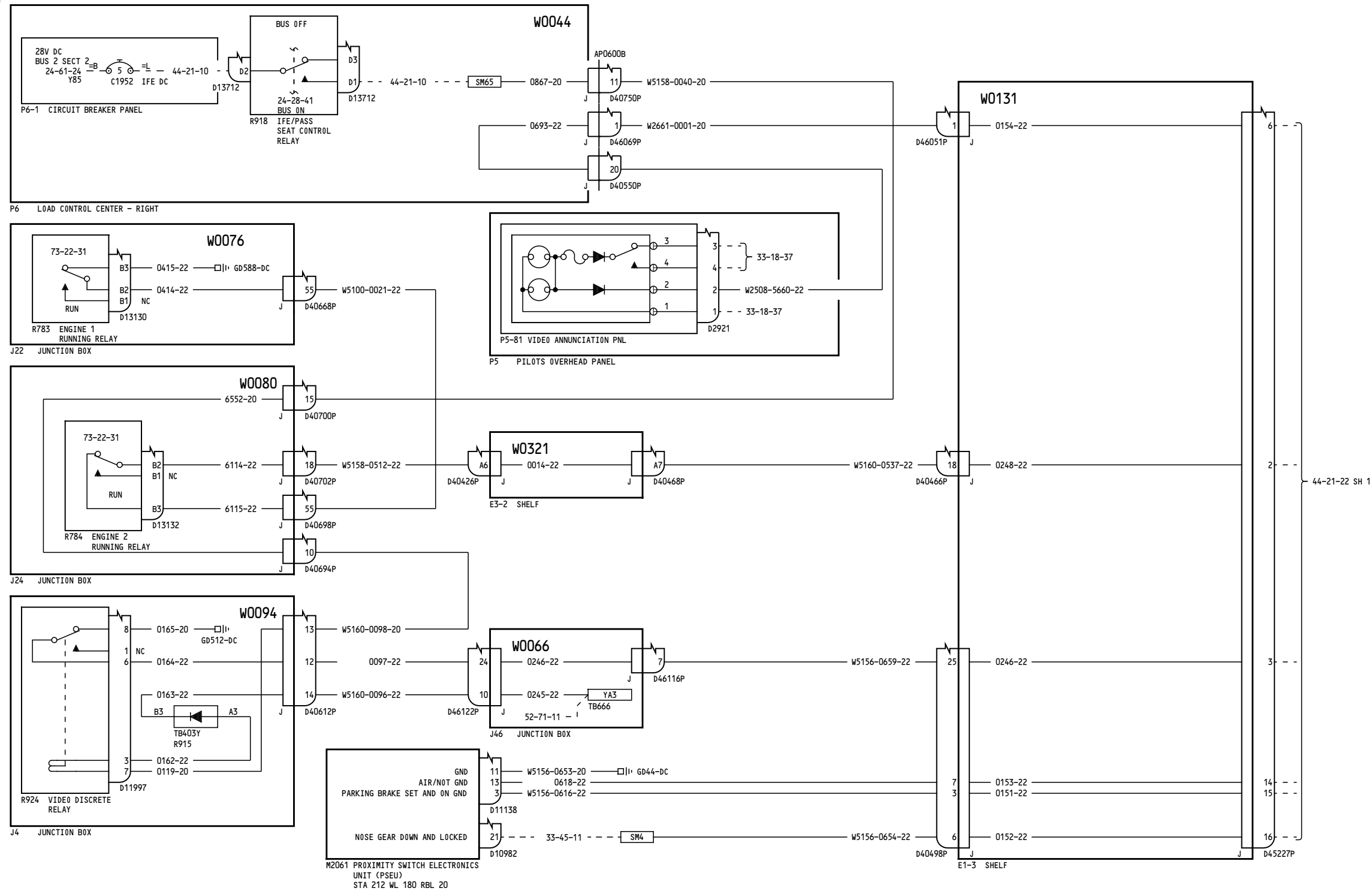
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AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES

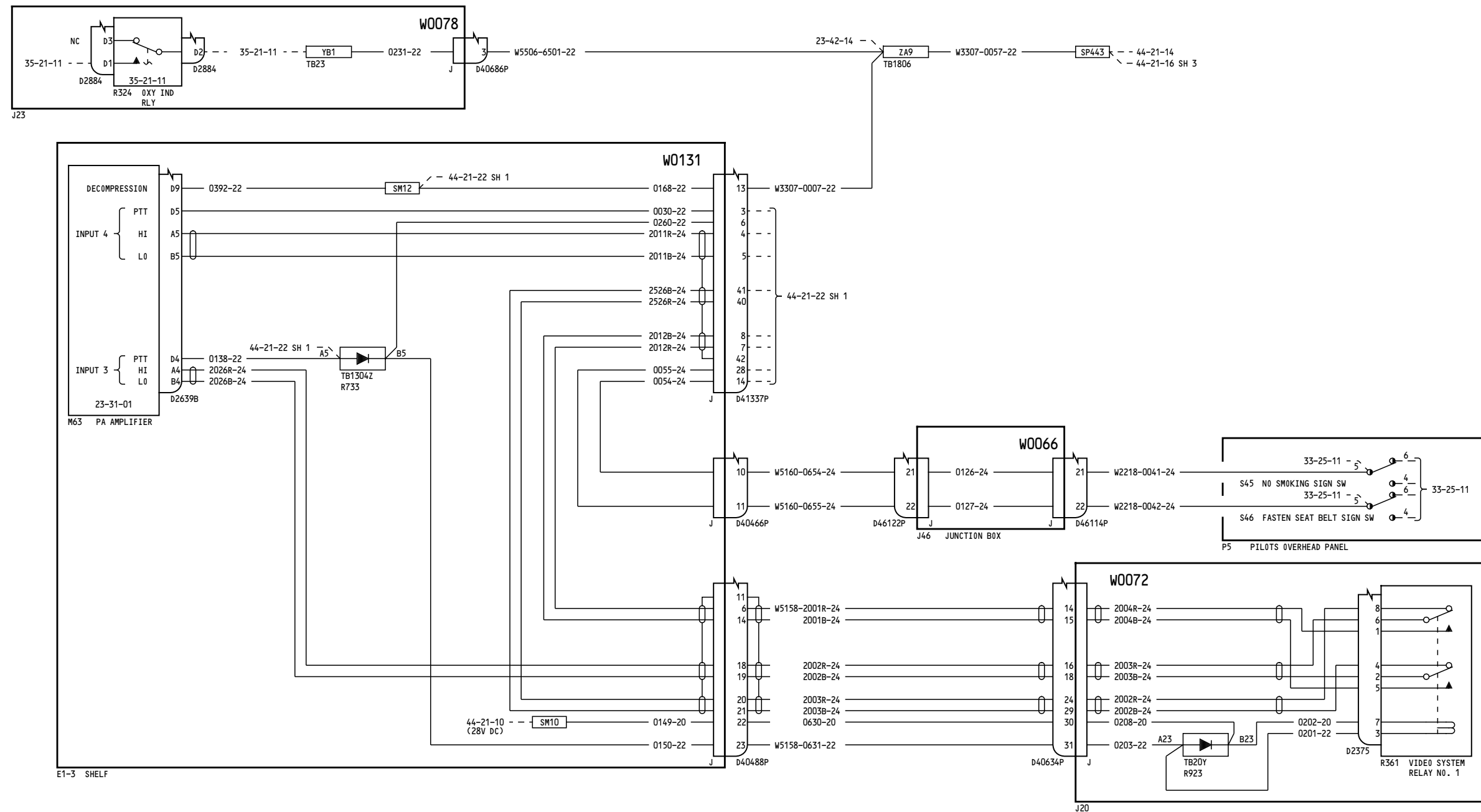
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YT104-YT112

IFE - SERVER BASED SYSTEM
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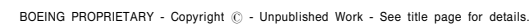
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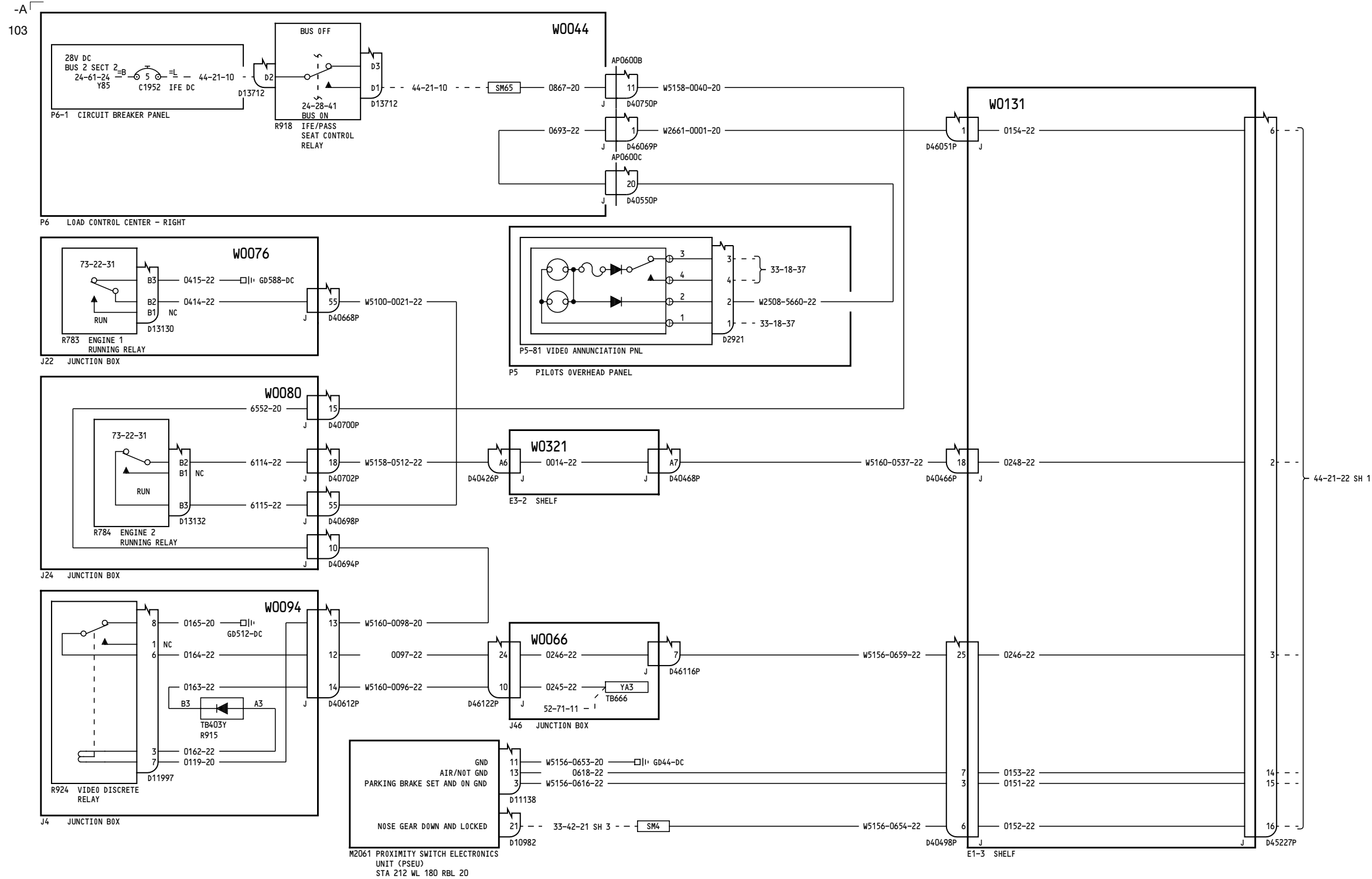
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YT113-YT120

IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES

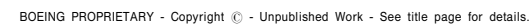
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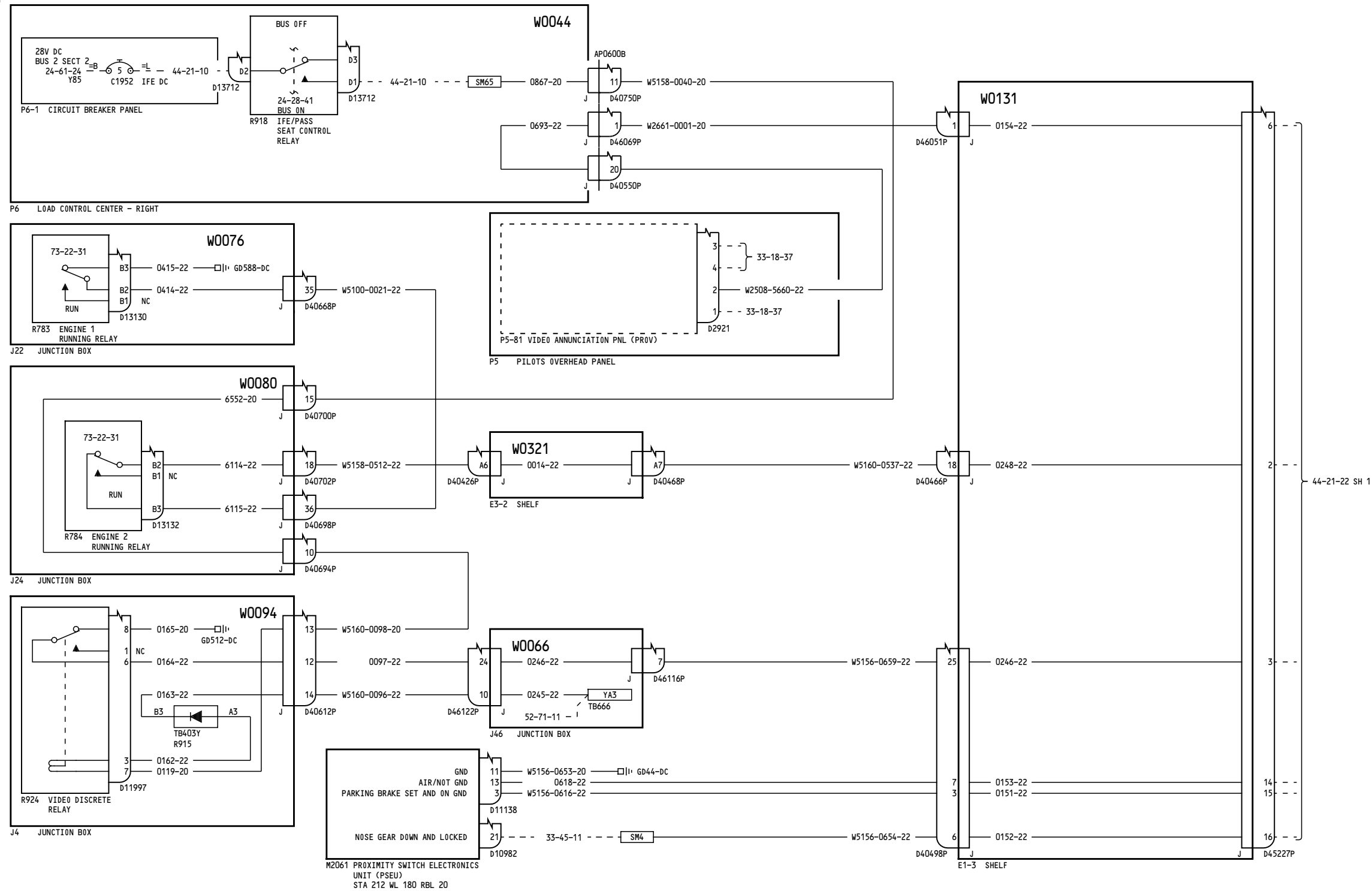


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YT126-YT130

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AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES

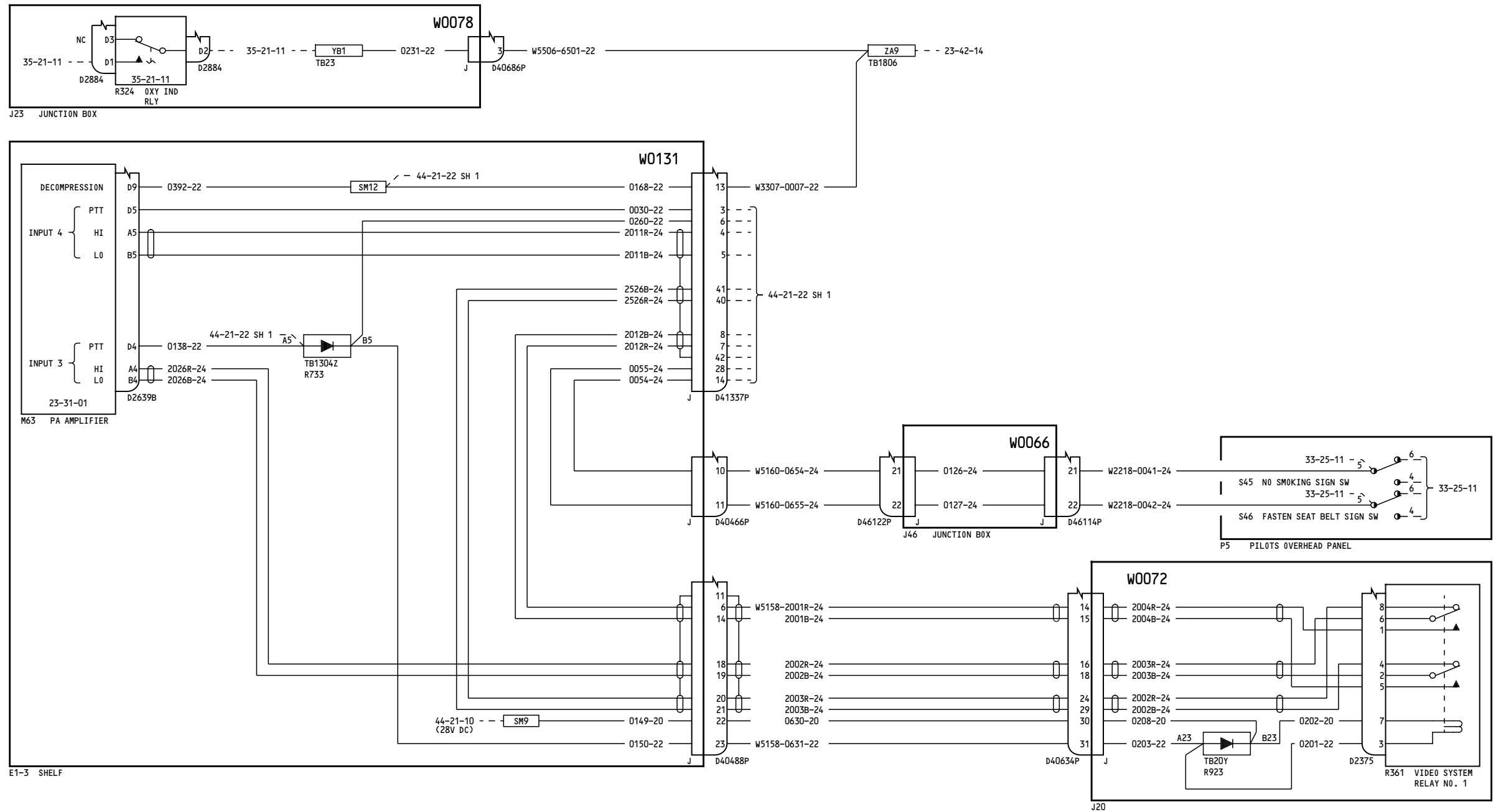
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YT126-YT130

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AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

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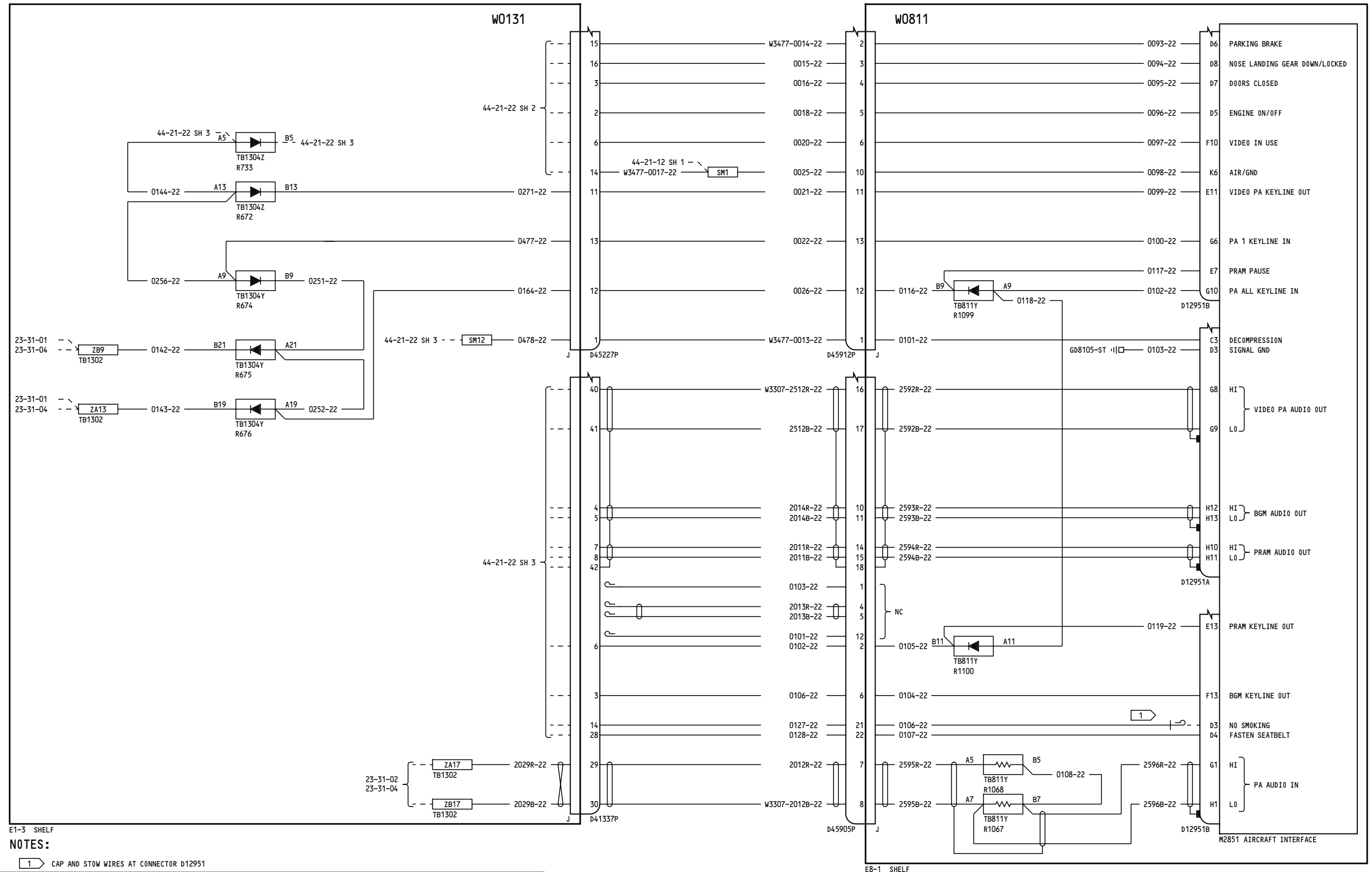
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YT131-YT133

**IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

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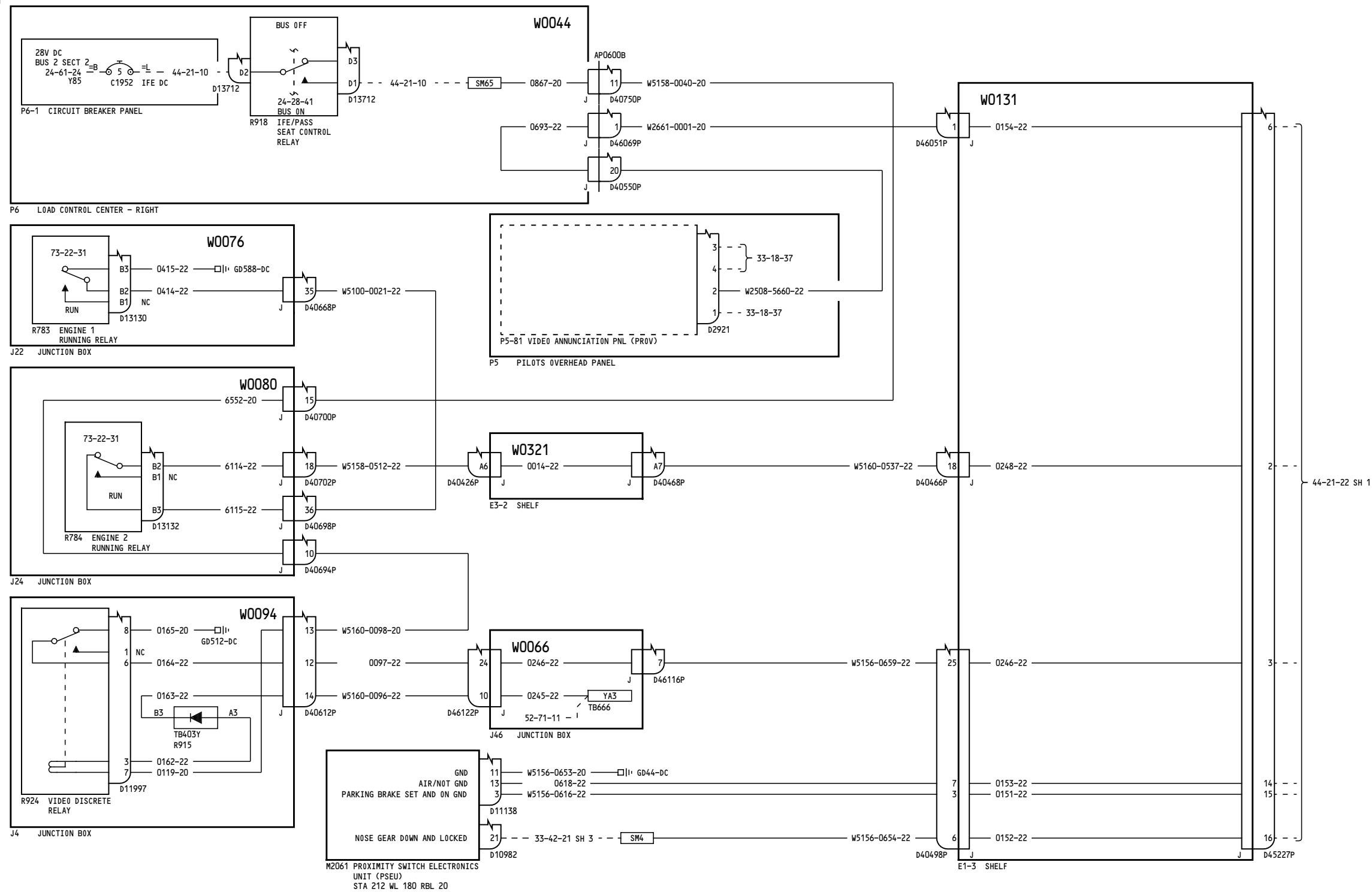
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YT131-YT133

**IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

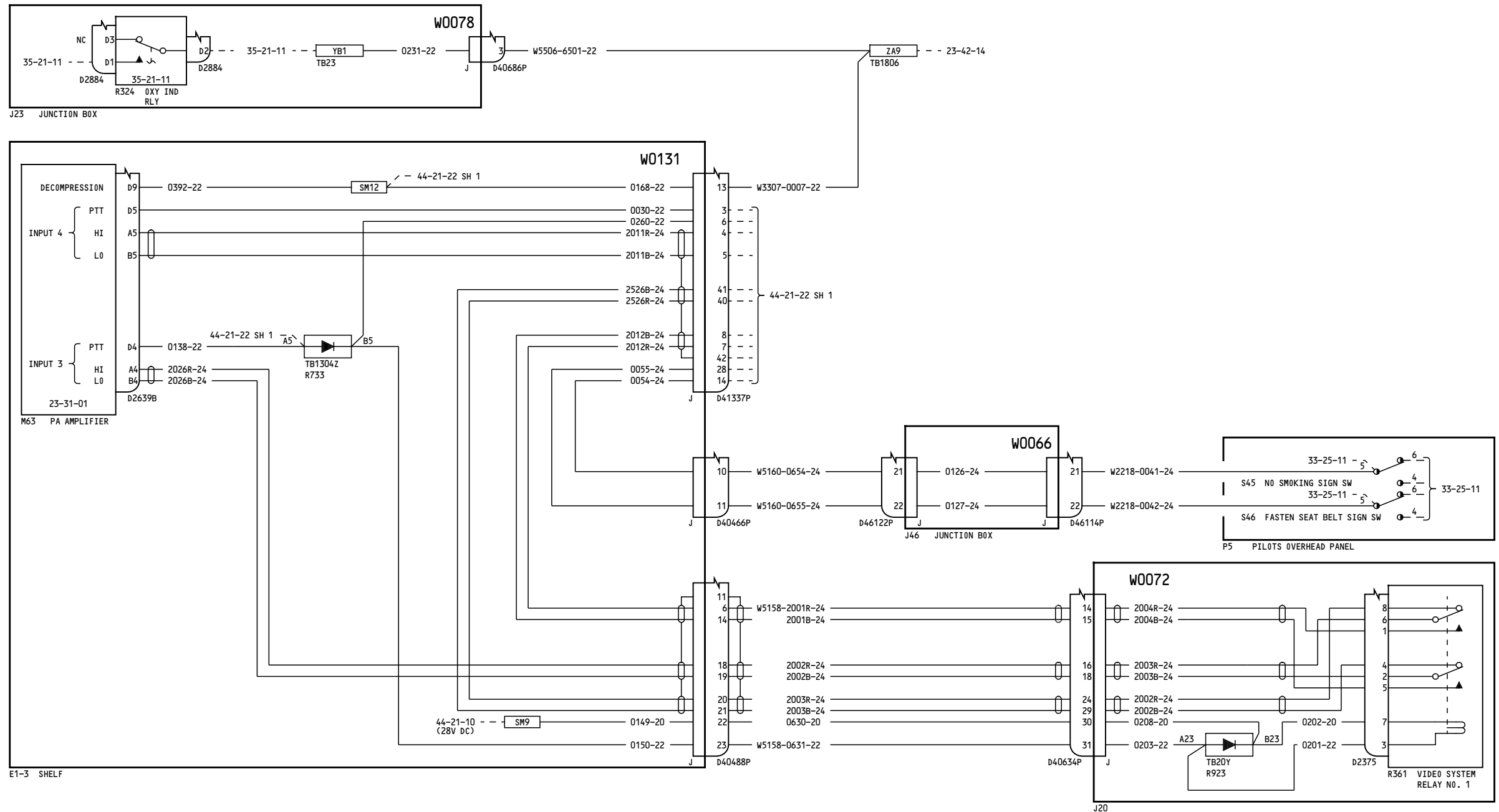
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YT131-YT133

**IFE - SERVER BASED SYSTEM
AIRCRAFT INTERFACES-PRAM/
PA/KEYLINE DISCRETES**

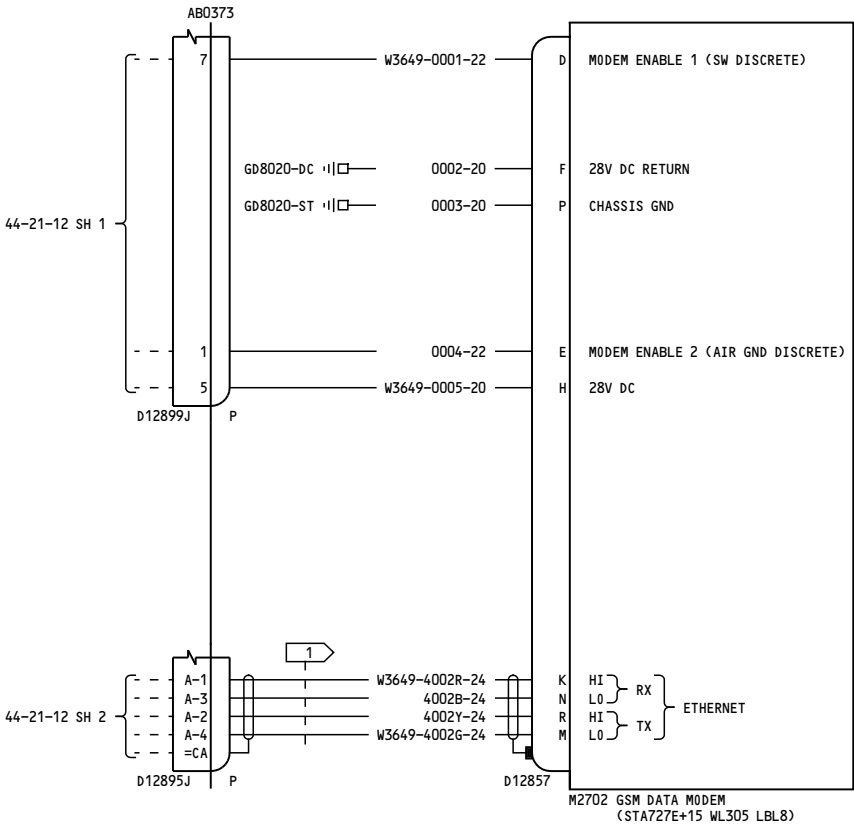
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NOTES:

1 CABLE P/N BMS13-72T03C04624 (QUADRAX).

YT101-YT120

**EXTERNAL COMMUNICATION
SYSTEM-WIRELESS GATELINK**

D280A351

44-30-11

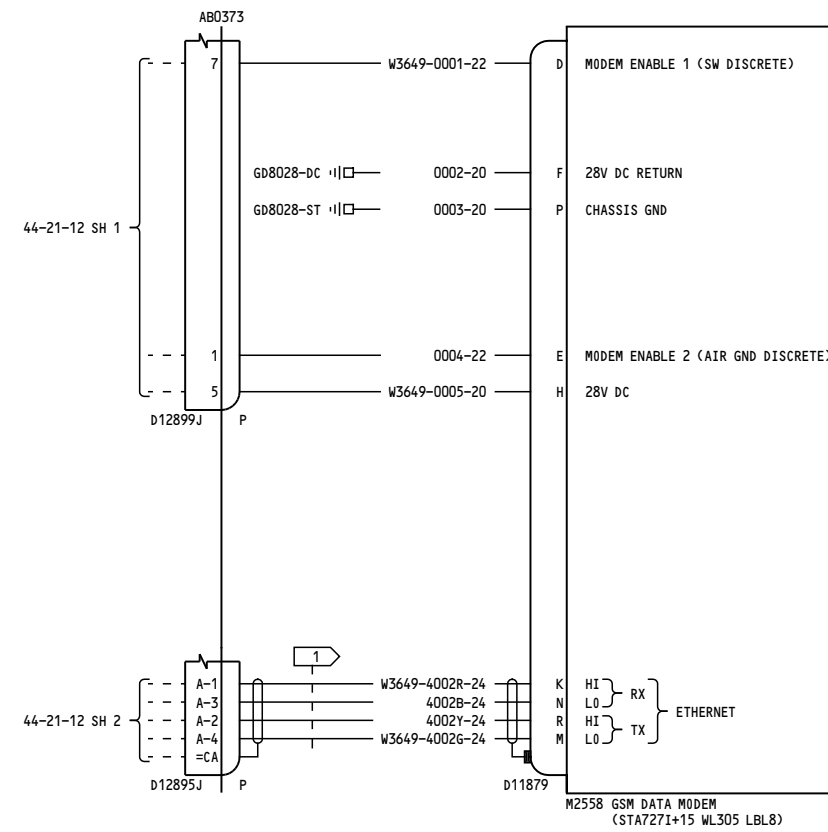
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NOTES:

1 CABLE P/N BMS13-72T03C04G24 (QUADRAX).

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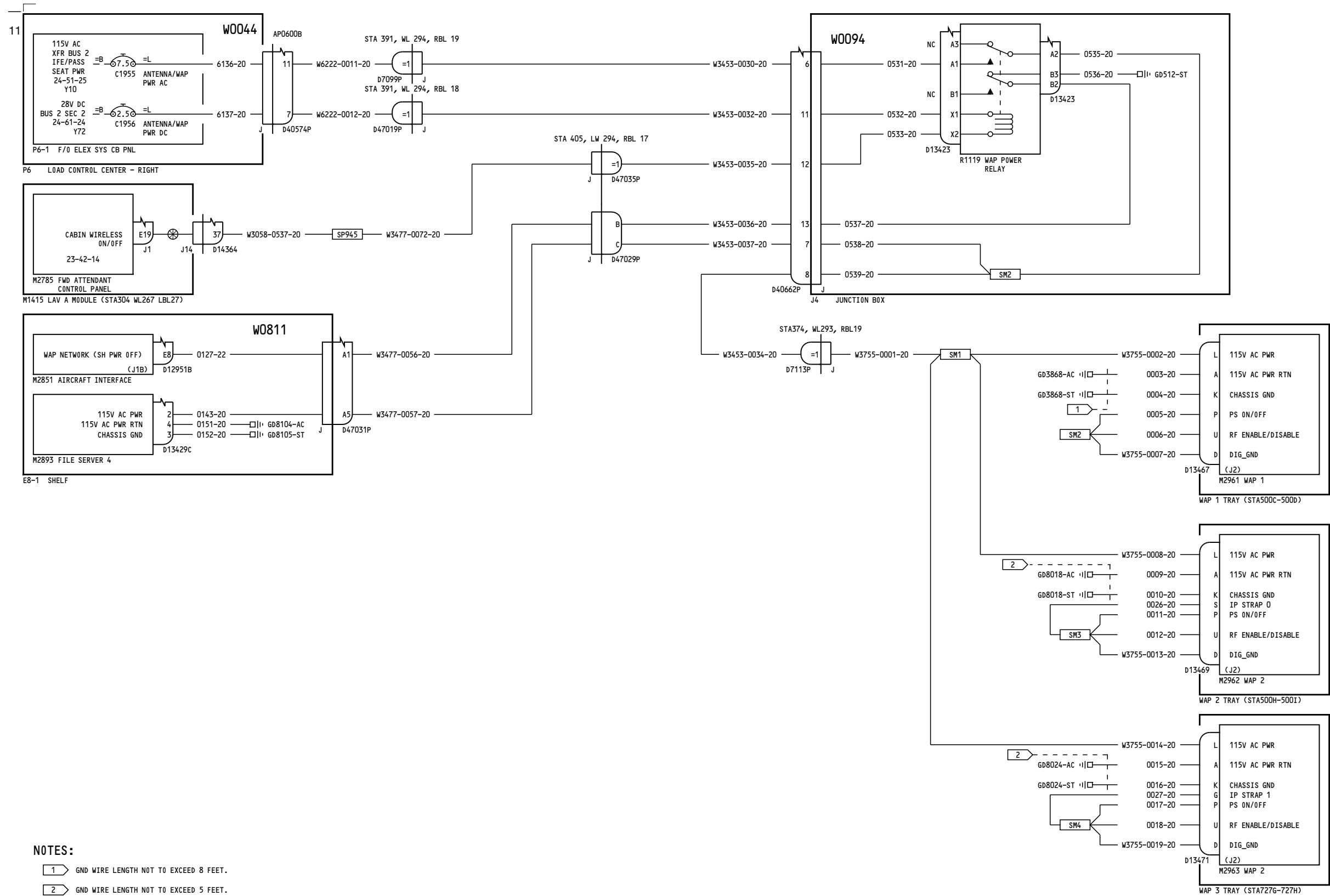
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YT101-YT102

CABIN WIRELESS POWER

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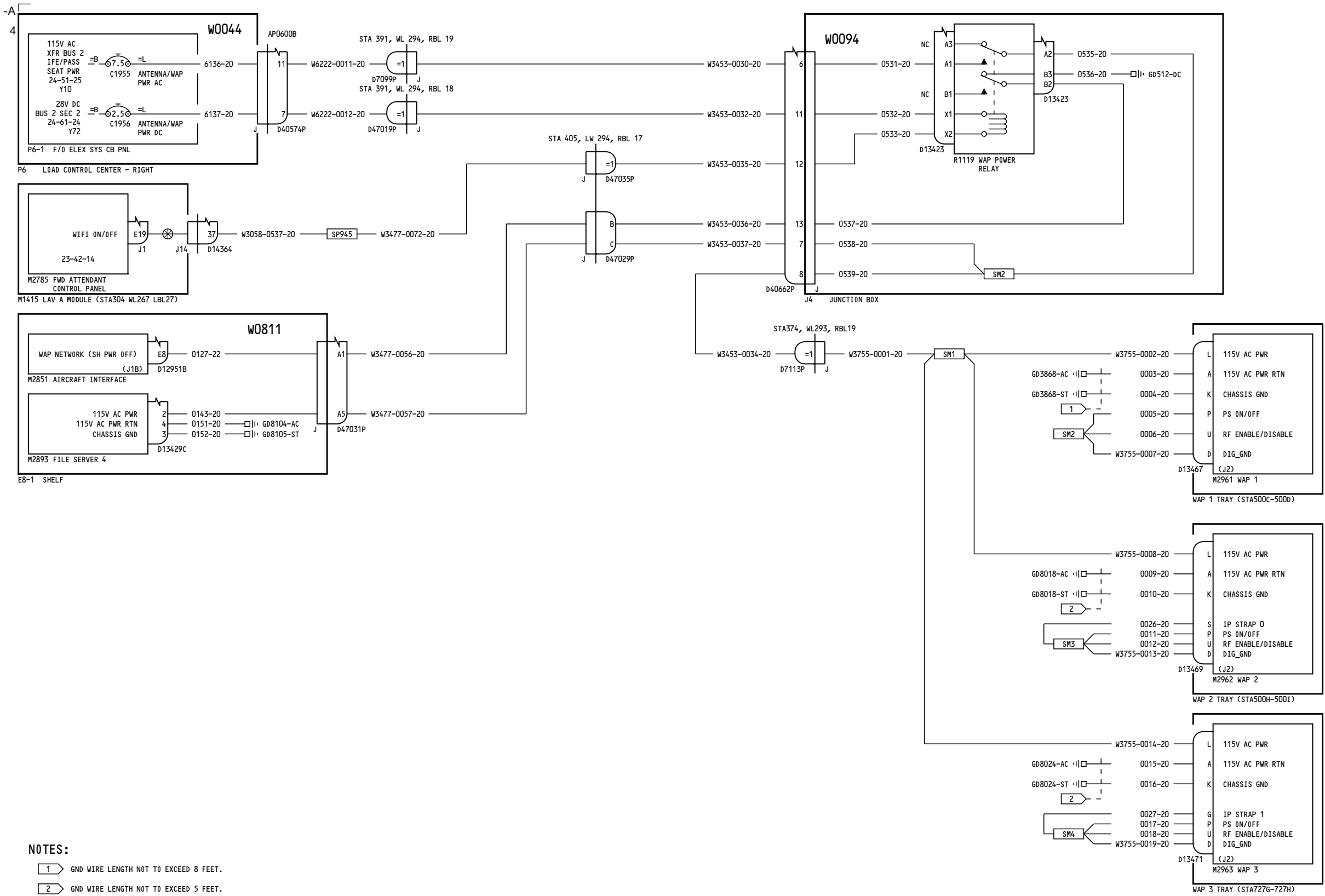
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737-800 WIRING DIAGRAM MANUAL



YT103-YT120

CABIN WIRELESS
POWER

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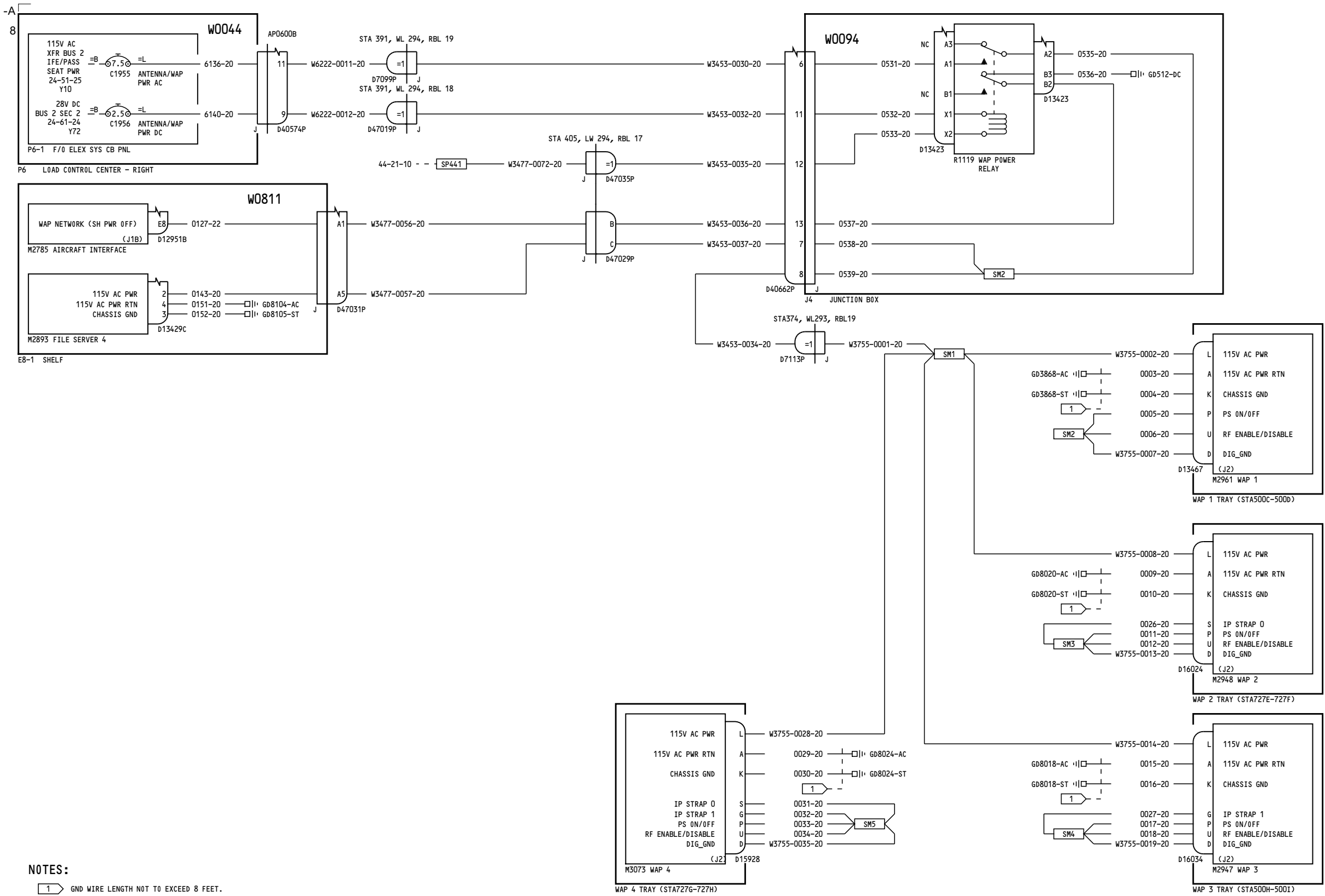
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737-800 WIRING DIAGRAM MANUAL



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CABIN WIRELESS
POWER

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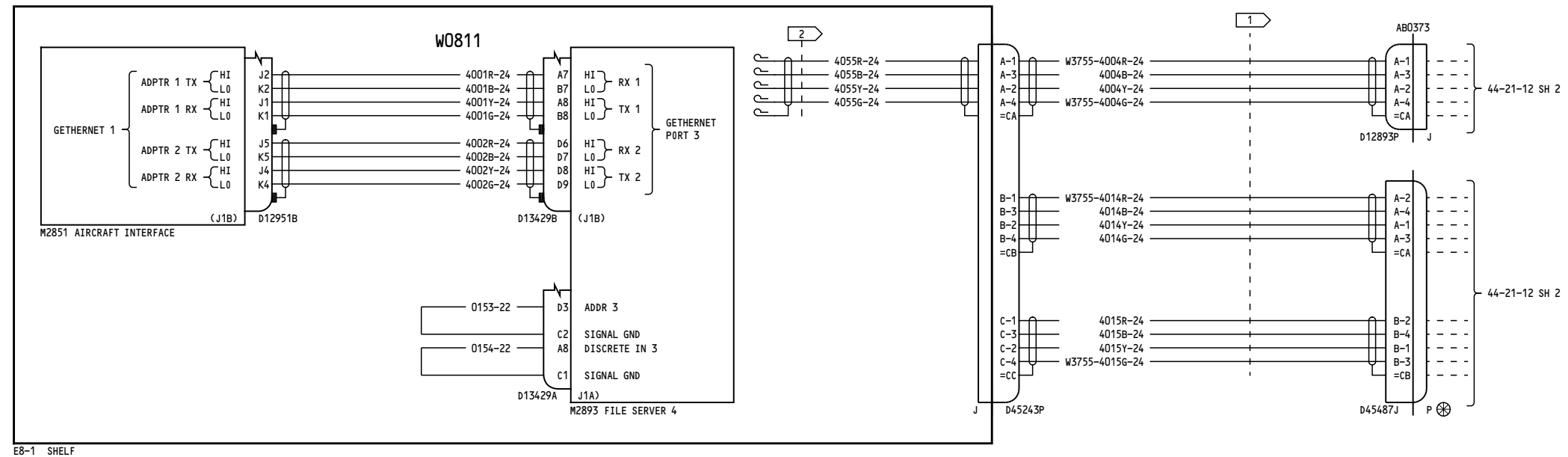
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NOTES:

1 BMS13-72T03C04G24

2 COIL AND STOW NEAR D13429B

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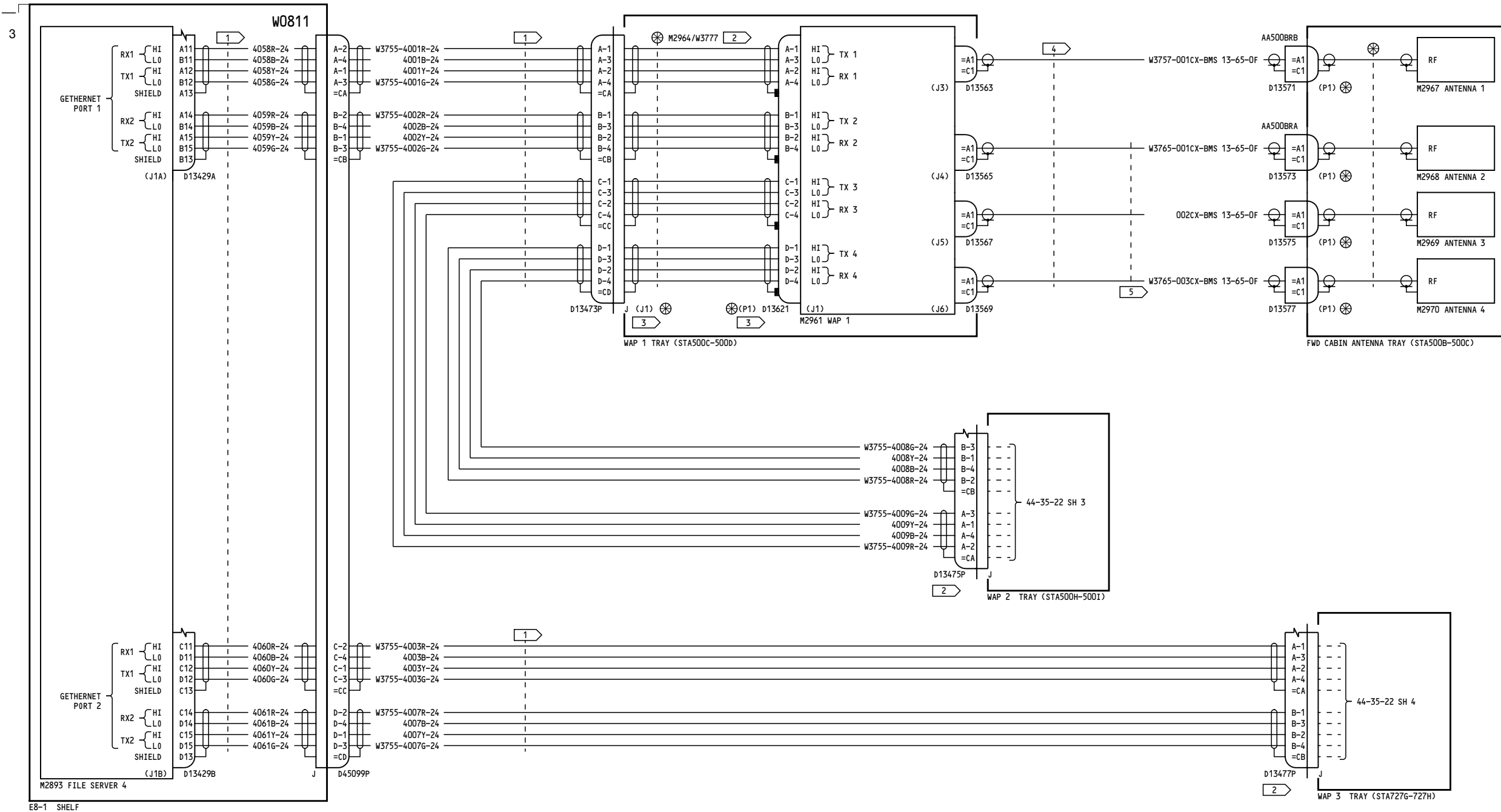
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3777-001.
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 WIRE LENGTH NOT TO EXCEED 48 INCHES.
- 5 COAX LENGTH SHOULD MATCH.

YT101-YT102

CABIN WIRELESS DATA

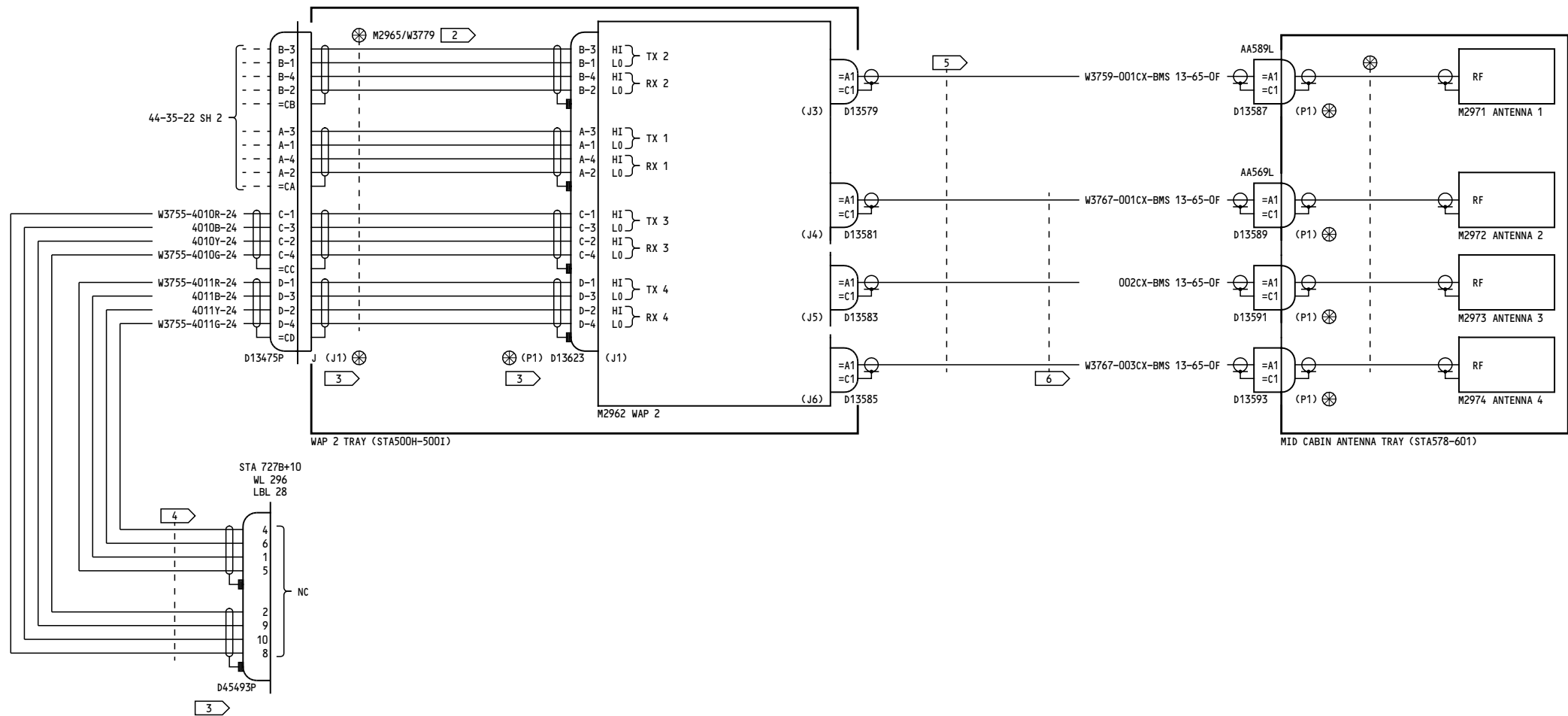
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3779-001
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 CAP AND STOW NEAR D45493J (STA 727B+10) FOR FUTURE SYSTEM FUNCTIONALITY.
- 5 WIRE LENGTH NOT TO EXCEED 203 INCHES.
- 6 COAX LENGTH SHOULD MATCH.

YT101-YT102

**CABIN WIRELESS
DATA**

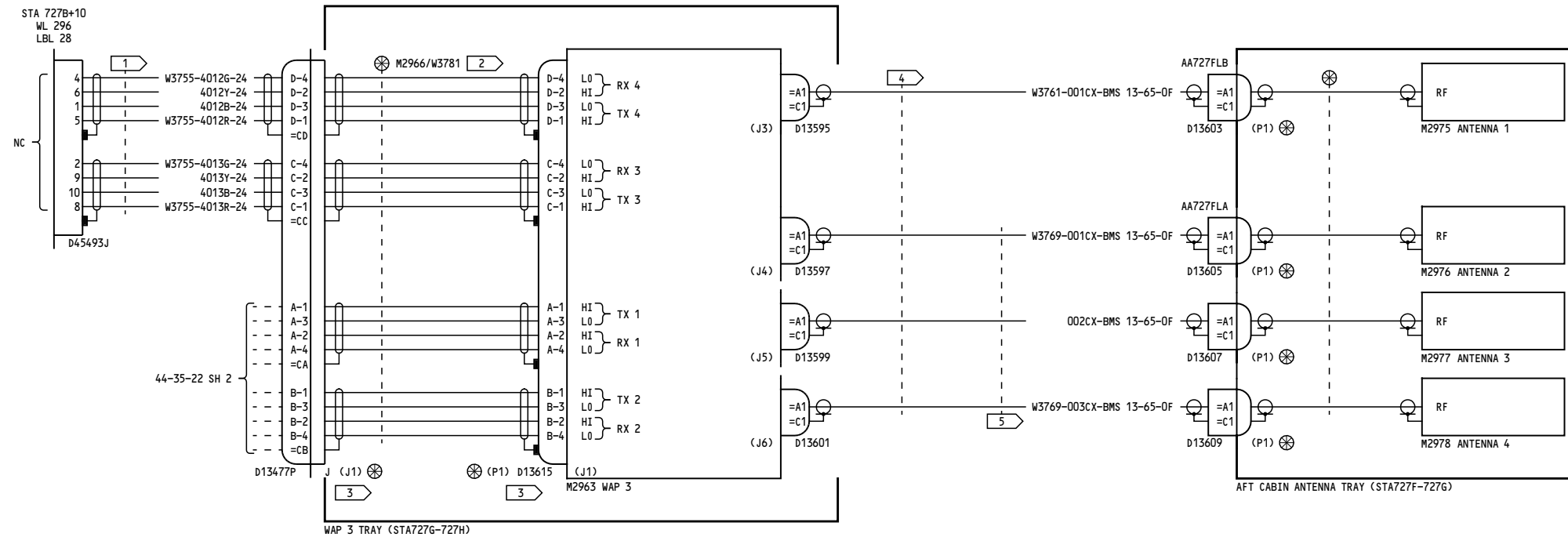
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3781-001
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 WIRE LENGTH NOT EXCEED 48 INCHES.
- 5 COAX LENGTH SHOULD MATCH.

YT101-YT102

CABIN WIRELESS DATA

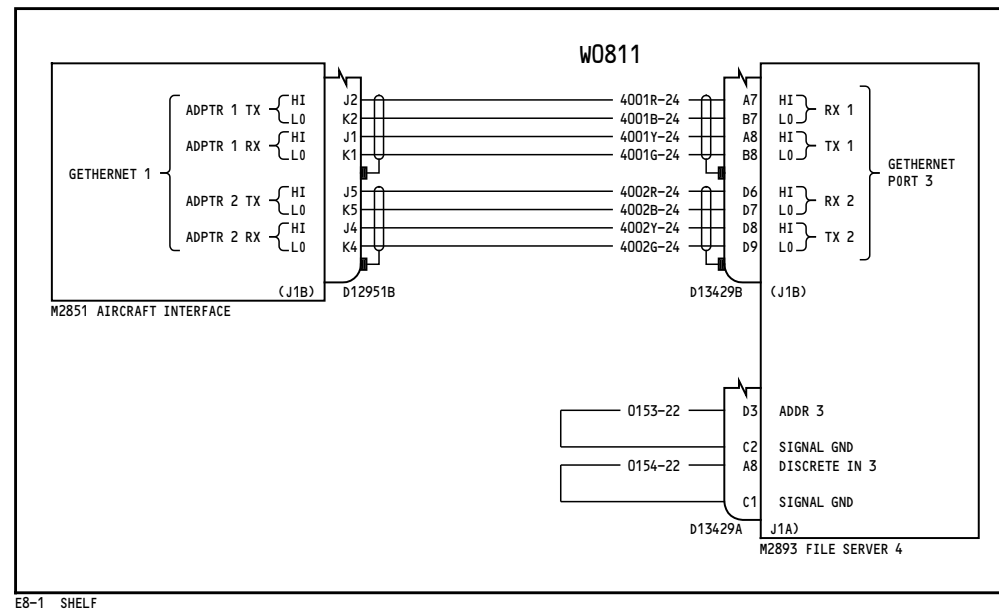
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NOTES:

1 BMS13-72T03C04G24

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- YT103-YT105

CABIN WIRELESS DATA

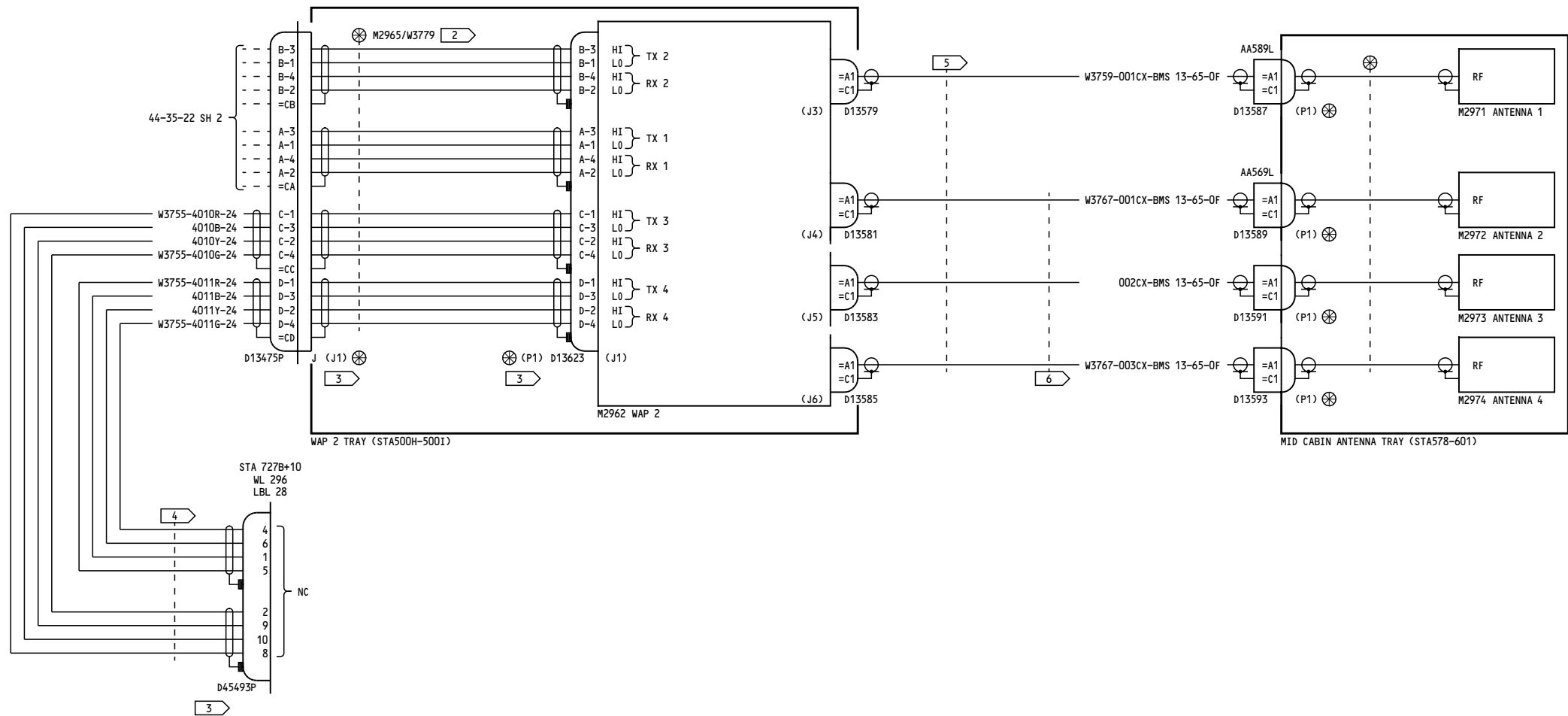
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3779-001
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 CAP AND STOW NEAR D45493J (STA 727B+10) FOR FUTURE SYSTEM FUNCTIONALITY.
- 5 WIRE LENGTH NOT TO EXCEED 203 INCHES.
- 6 COAX LENGTH SHOULD MATCH.

YT103-YT105

**CABIN WIRELESS
DATA**

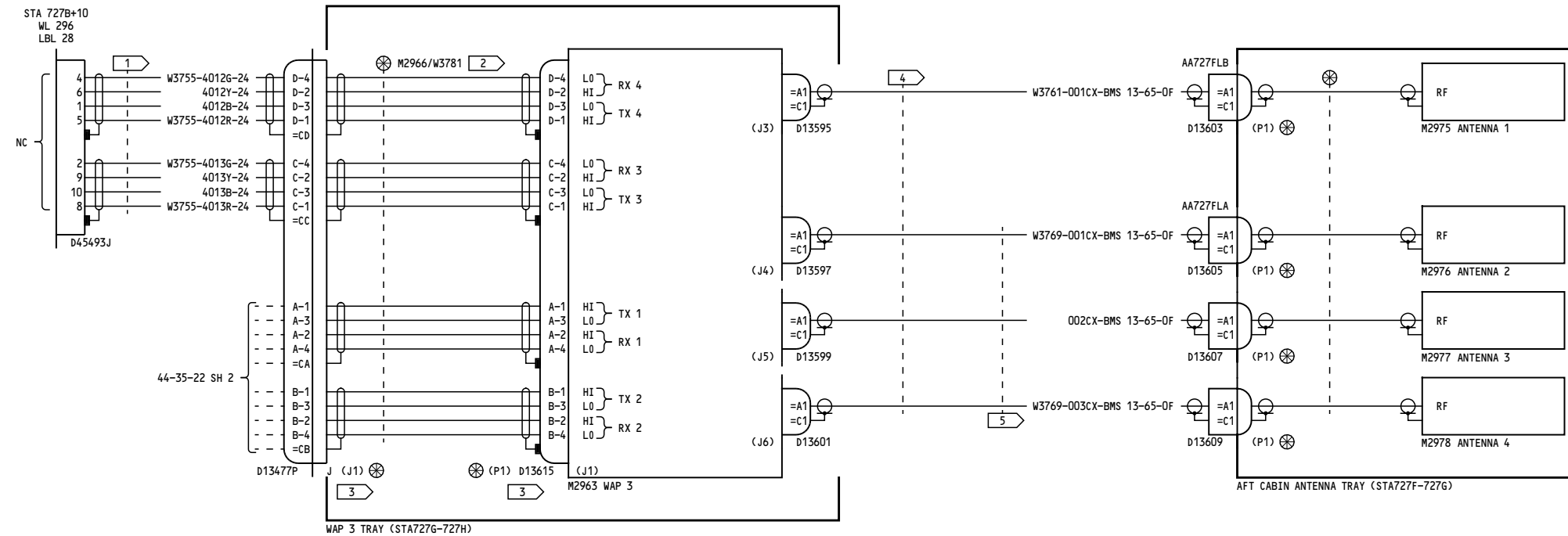
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3781-001
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 WIRE LENGTH NOT EXCEED 48 INCHES.
- 5 COAX LENGTH SHOULD MATCH.

YT103-YT105

**CABIN WIRELESS
DATA**

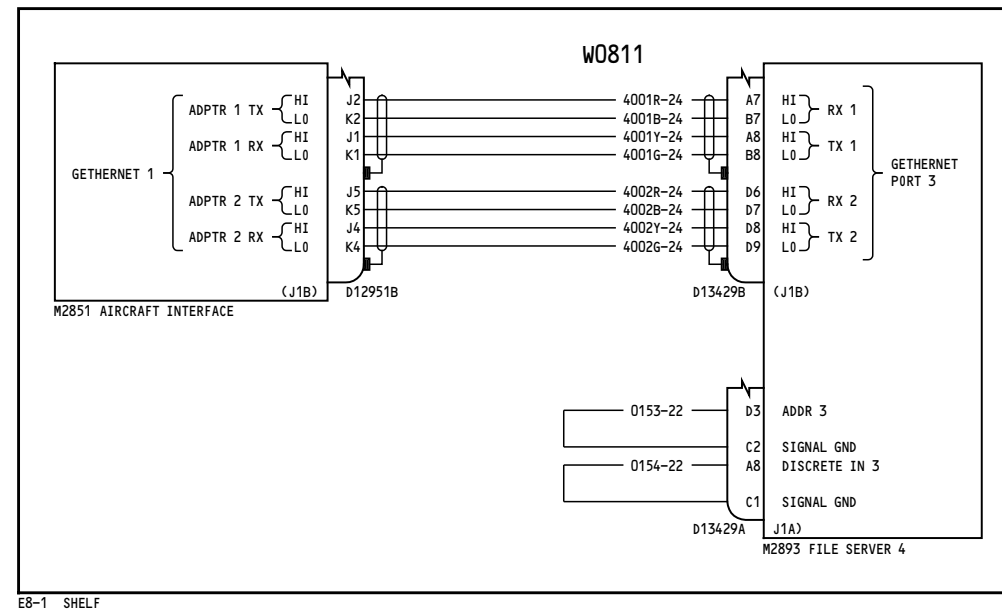
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1 BMS13-72T03C04G24

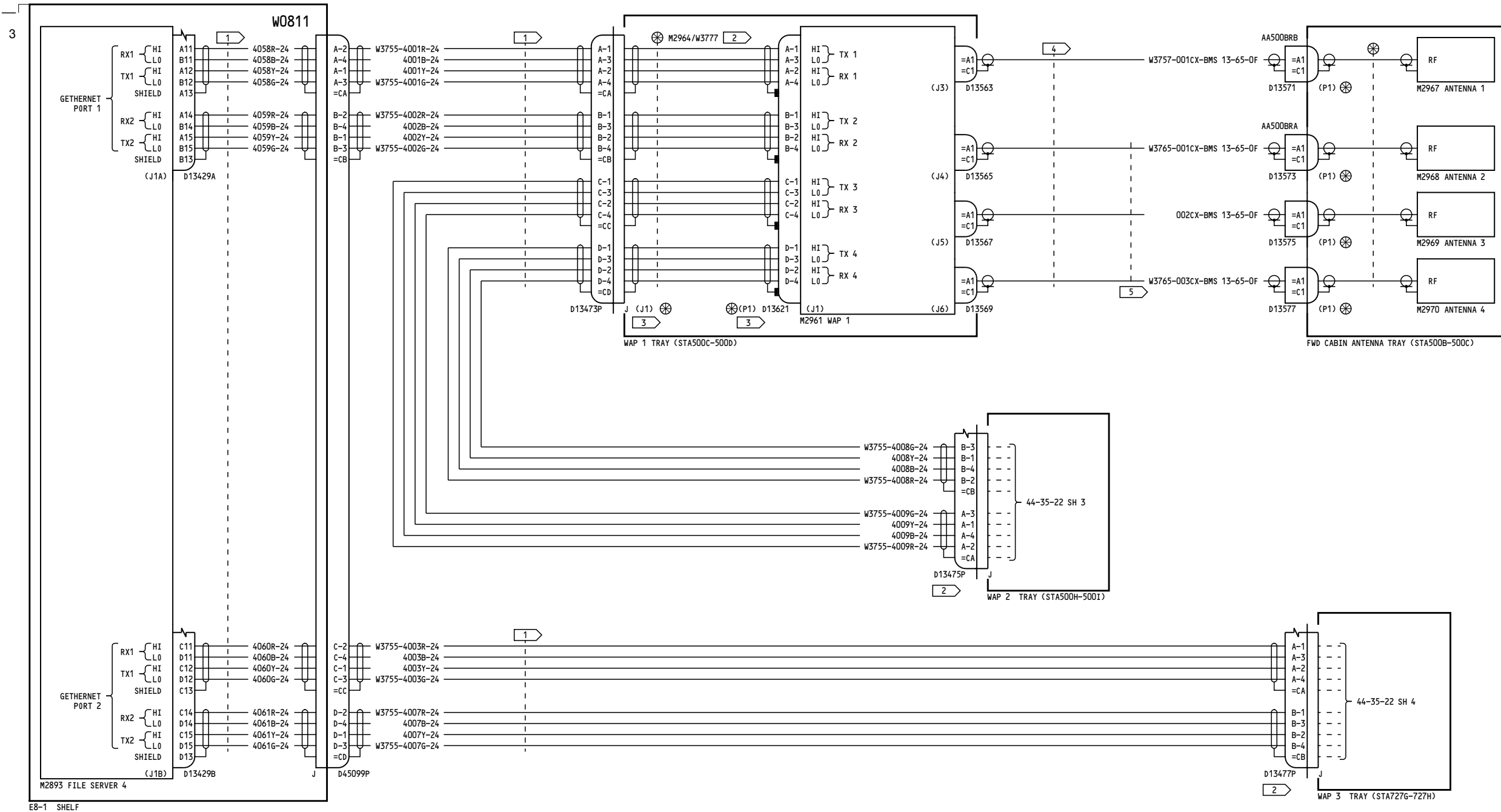
YT106-YT120	CABIN WIRELESS DATA
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NOTES:

- 1 BMS13-72T03C04G24
- 2 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3777-001.
- 3 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 4 WIRE LENGTH NOT TO EXCEED 48 INCHES.
- 5 COAX LENGTH SHOULD MATCH.

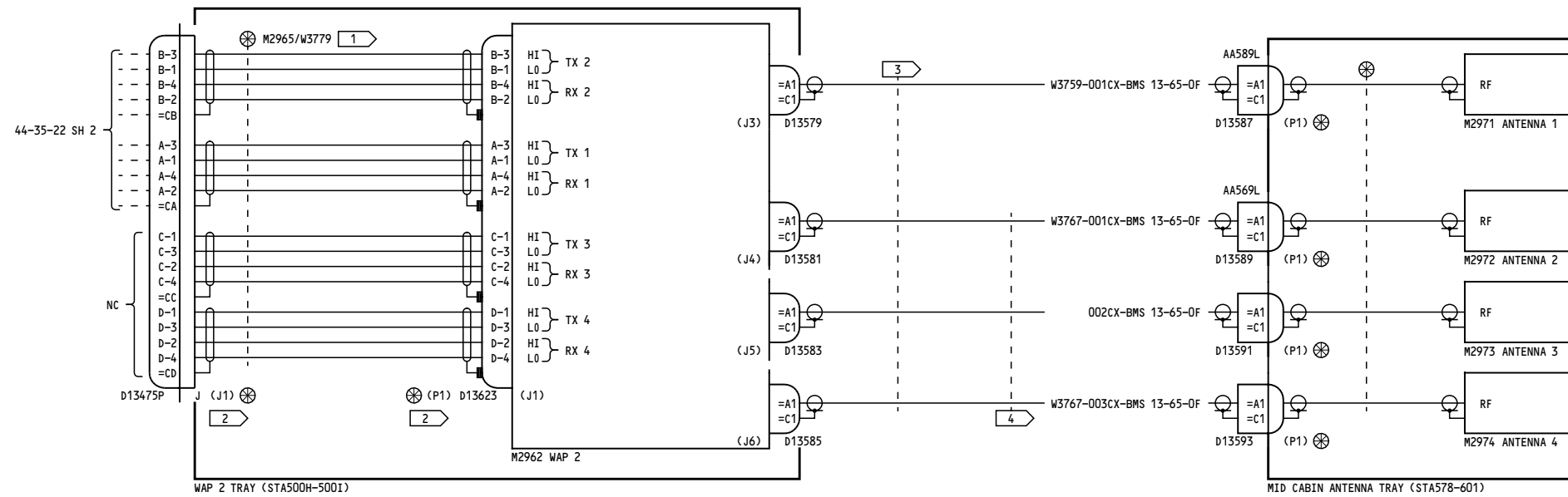
YT106-YT120	CABIN WIRELESS DATA
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NOTES:

- 1 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3779-001
- 2 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 3 WIRE LENGTH NOT TO EXCEED 203 INCHES.
- 4 COAX LENGTH SHOULD MATCH.

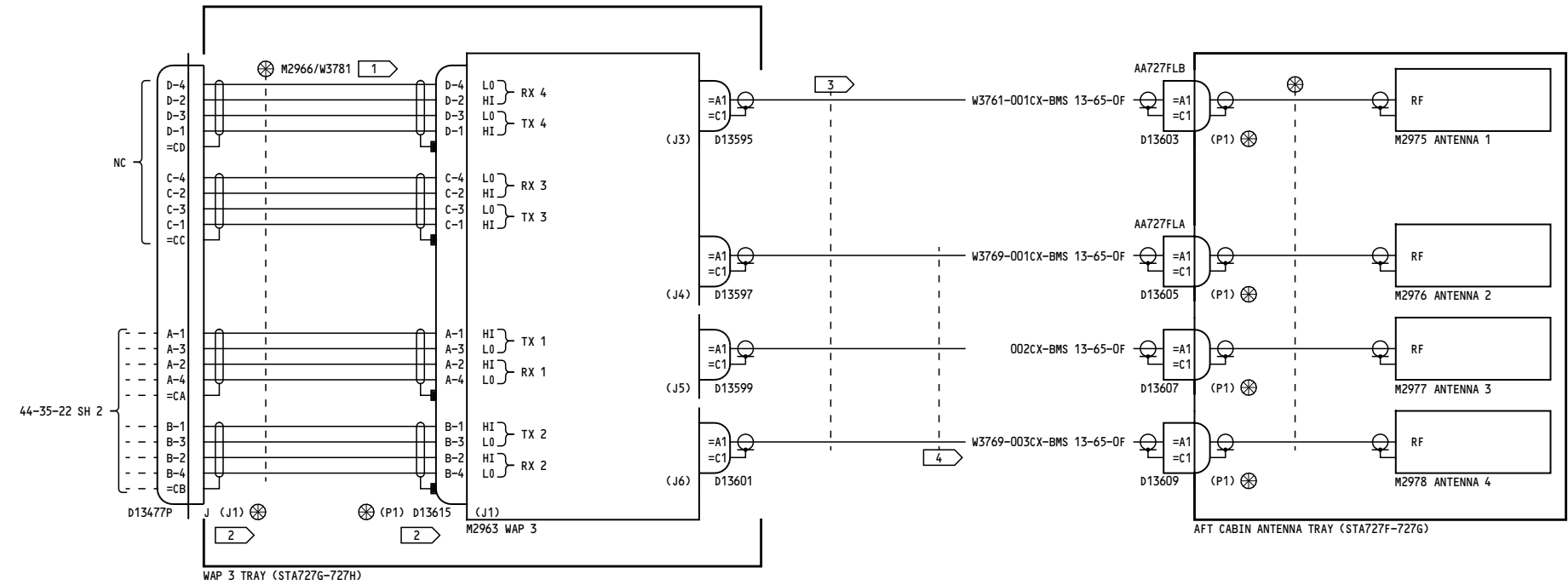
YT106-YT120	CABIN WIRELESS DATA
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NOTES:

- 1 PANASONIC CABLE P/N WM13298-002 - BOEING IDENTIFIED AS W3781-001
- 2 VENDOR BUNDLE CONNECTORS LABELLED WITH BOEING "D" NUMBERS FOR INSTALLATION.
- 3 WIRE LENGTH NOT EXCEED 48 INCHES.
- 4 COAX LENGTH SHOULD MATCH.

YT106-YT120

**CABIN WIRELESS
DATA**

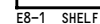
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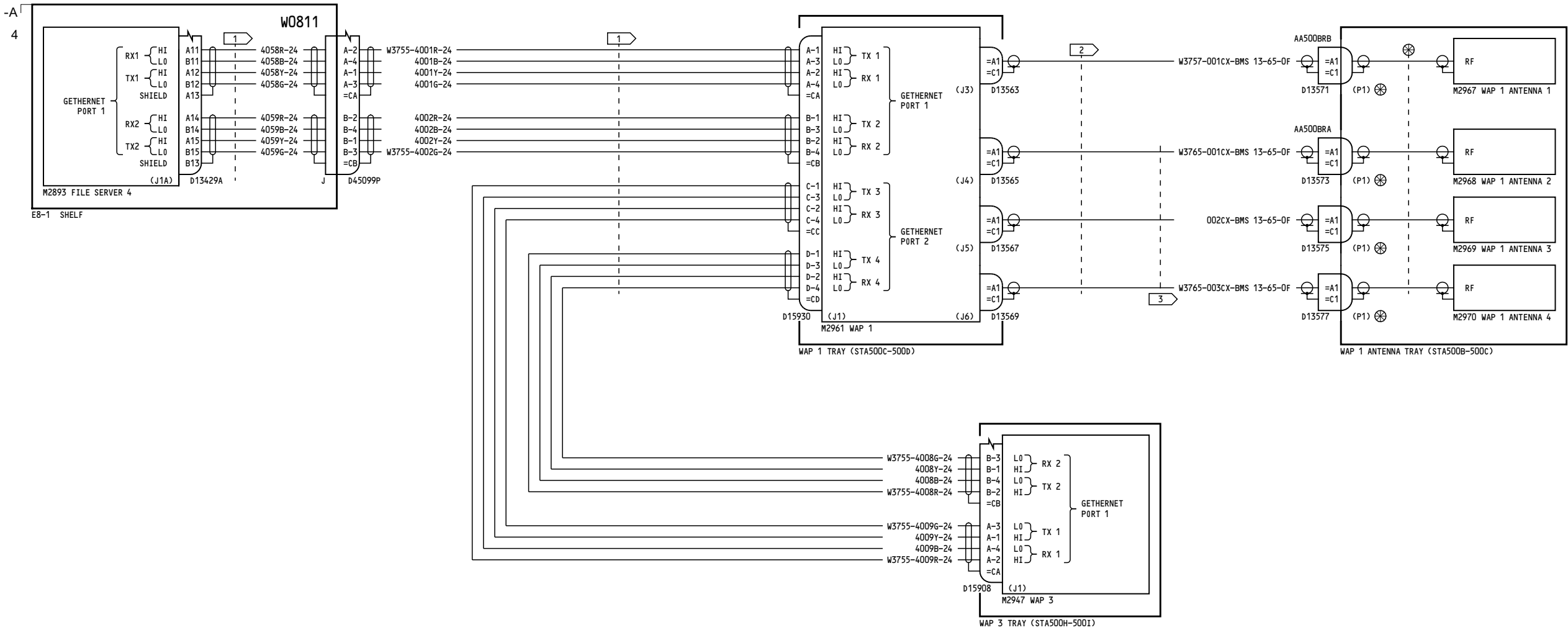
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NOTES:

- 1 BMS13-72T03C04G24
- 2 WIRE LENGTH NOT TO EXCEED 48 INCHES.
- 3 COAX LENGTH SHOULD MATCH.

YT126-YT133

CABIN WIRELESS
DATA

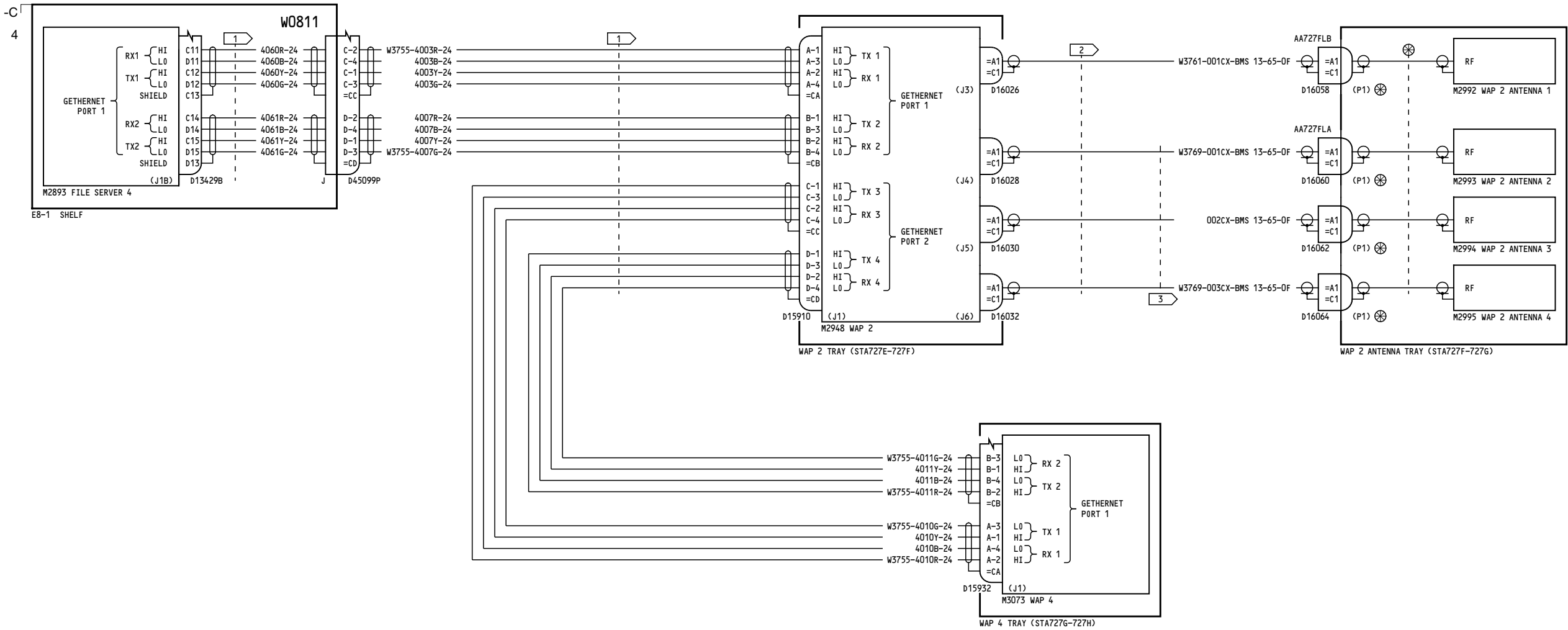
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NOTES:

- 1 BMS13-72T03C04G24
- 2 WIRE LENGTH NOT TO EXCEED 48 INCHES.
- 3 COAX LENGTH SHOULD MATCH.

YT126-YT133

**CABIN WIRELESS
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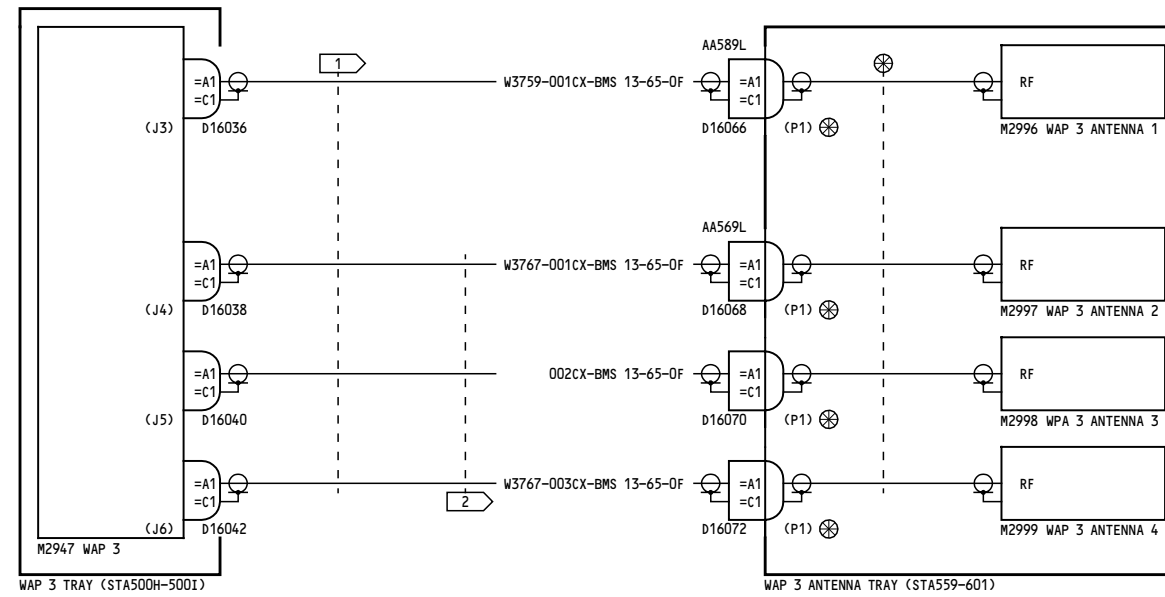
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NOTES:

- 1 WIRE LENGTH NOT EXCEED 203 INCHES.
- 2 COAX LENGTH SHOULD MATCH.

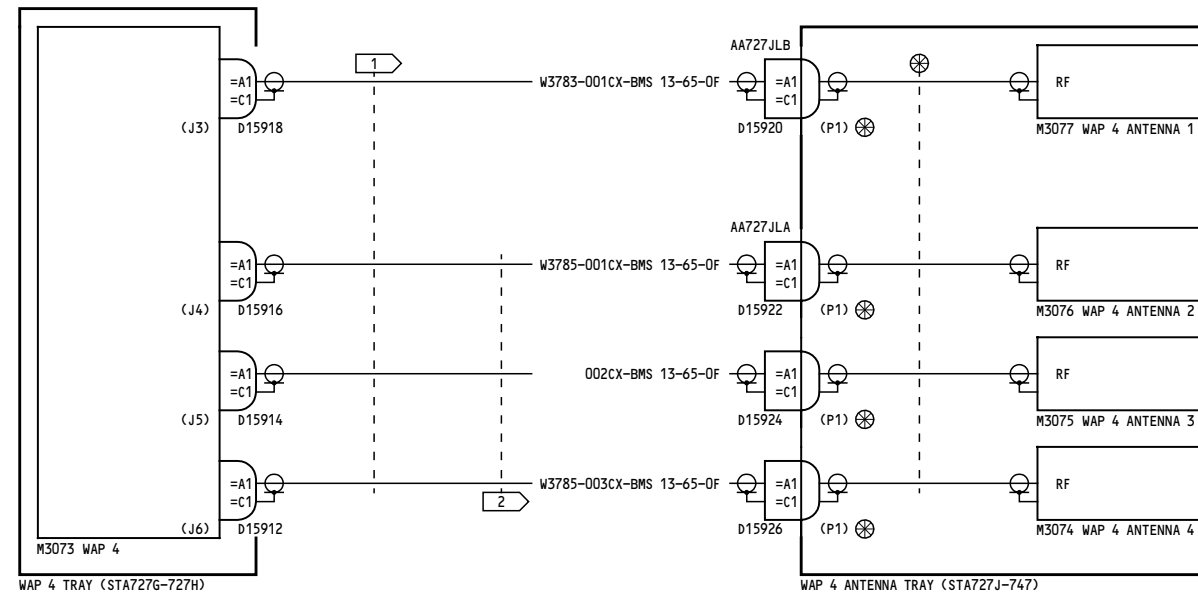
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NOTES:

- 1 WIRE LENGTH NOT TO EXCEED 10 FEET.
- 2 COAX LENGTH SHOULD MATCH.

YT126-YT133

**CABIN WIRELESS
DATA**

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