

CHAPTER

23

COMMUNICATIONS



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WIRING DIAGRAM MANUAL

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R					R				

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<u>HIGH FREQUENCY (HF) COMMUNICATION SYSTEM</u>							
HF COMMUNICATIONS NO.1 (HF-1)	23-11-11		1	1	Aug 15/2013	YT101-YT103	
				2	Aug 15/2013	YT101-YT103	
				2	1	Jun 21/2016	YT104-YT133
				2	Jun 21/2016	YT104-YT133	
HF COMMUNICATIONS 1 HF DATALINK	23-11-16		1		Apr 17/2014	YT101-YT105	
				2	Jun 21/2016	YT106-YT133	
HF COMMUNICATIONS NO.2 (HF-2)	23-11-21		1	1	Aug 18/2014	YT101-YT103	
				2	Aug 15/2013	YT101-YT103	
				2	1	Jun 21/2016	YT104-YT133
				2	Jun 21/2016	YT104-YT133	
HF COMMUNITCATIONS 2 HF DATALINK	23-11-26		1		Apr 17/2014	YT101-YT105	
				2	Jun 21/2016	YT106-YT133	
<u>VERY HIGH FREQUENCY (VHF) COMMUNICATION SYSTEM</u>							
VHF COMMUNICATION NO.1	23-12-11		1	1	Aug 15/2013	YT101-YT103	
				2	Aug 15/2013	YT101-YT103	
				2	1	Jun 21/2016	YT104-YT133
				2	Jun 21/2016	YT104-YT133	
VHF COMMUNICATION NO.2	23-12-21		1	1	Aug 15/2013	YT101-YT103	
				2	Aug 15/2013	YT101-YT103	
				2	1	Jun 21/2016	YT104-YT133
				2	Jun 21/2016	YT104-YT133	
VHF COMMUNICATION NO.3	23-12-31		1		Aug 15/2013	YT101-YT103	
				2	Jun 21/2016	YT104-YT133	
VHF/HF COMMUNICATIONS	23-12-41		1	1	Aug 15/2013	YT101-YT103	
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				2	1	Jun 21/2016	YT104-YT133
				2	Jun 21/2016	YT104-YT133	
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<u>EMERGENCY LOCATOR TRANSMITTER SYSTEM</u>						
EMERGENCY LOCATOR TRANSMITTER	23-24-11		1	1	Jun 21/2016	ALL
				2	Jun 21/2016	ALL
<u>AIRCRAFT COMMUNICATIONS ADDRESSING AND REPORTING SYSTEM (ACARS)</u>						
CMU POWER & CONTROL	23-27-31		1		Aug 15/2013	YT101-YT103
			2		Jun 21/2016	YT104-YT133
CMU OUTPUT 1 INTERFACES - FMC 1/MCDU 1/PRINTER	23-27-32		1		Aug 15/2013	YT101-YT103
			2		Jun 21/2016	YT104-YT133
CMU OUTPUT 2 INTERFACES - FMC 2/MCDU 2/DFDAU/MIDU	23-27-33		1		Jun 21/2016	ALL
OUTPUT BUS 3 INTERFACES - CABIN TERMINALS	23-27-34		1		Mar 14/2016	YT101-YT120
ARINC 716 VHF 3/ SINGLE FMC 702 INTERFACES	23-27-35		1		Jun 21/2016	ALL
CMU OUTPUT 4 INTERFACES - SATCOM/HF	23-27-36		1		Aug 18/2014	YT101-YT105
			2		Jun 21/2016	YT106-YT133
CMU OUTPUT 6/7 INTERFACES - COMMUNICATIONS	23-27-37		1		Jun 21/2016	ALL
CMU 000I, CREW ADVISORIES AND OUTPUT 8	23-27-38		1		Aug 15/2013	YT101-YT103
			2		Mar 14/2016	YT104-YT120
			3		Jun 21/2016	YT126-YT133
CMU INTERFACES - DATA LOADER PROGRAM PINS	23-27-39		1		Jun 21/2016	ALL
<u>PASSENGER ADDRESS SYSTEM</u>						
PASSENGER ADDRESS ATTENDANTS PANELS	23-31-01		1	1	Aug 18/2014	YT101-YT106
				2	Aug 18/2014	YT101-YT106
			2	1	Jun 21/2016	YT107-YT133
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I					2	Jun 21/2016	ALL
I	PASSENGER ADDRESS AND ENTERTAINMENT RIGHT SIDE	23-31-03		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I	PASSENGER ADDRESS ATTENDANTS SPEAKERS	23-31-04		1		Jun 21/2016	ALL
	<u>SERVICE INTERPHONE SYSTEM</u>						
I	SERVICE INTERPHONE JACKS	23-41-11		1		Jun 21/2016	ALL
	<u>CABIN INTERPHONE SYSTEM</u>						
	CABIN INTERPHONE	23-42-11		1		May 15/2015	YT101-YT105 YT126-YT129
				2		Mar 14/2016	YT106-YT120
I				3		Jun 21/2016	YT130-YT133
I	CABIN INTERPHONE - ATTENDANT HANDSETS	23-42-12		1		Jun 21/2016	ALL
I	FORWARD ATTENDANT CONTROL PANEL	23-42-14		1		Jun 21/2016	YT101-YT105
				2		Mar 14/2016	YT106-YT118
I				3		Jun 21/2016	YT119-YT120
I				4		Jun 21/2016	YT126-YT131
I	AFT ATTENDANT CONTROL PANEL	23-42-15		1		Jun 21/2016	ALL
	<u>GROUND CREW CALL SYSTEM</u>						
	GROUND CREW CALL	23-43-11		1		May 15/2015	YT101-YT105 YT126-YT129
				2		Mar 14/2016	YT106-YT120
I				3		Jun 21/2016	YT130-YT133
	<u>FLIGHT INTERPHONE SYSTEM</u>						
I	AUDIO INTEGRATING CAPTAIN	23-51-11		1		Jun 21/2016	ALL
I	AUDIO INTEGRATING FIRST OFFICER	23-51-21		1		Jun 21/2016	ALL
I	AUDIO INTEGRATING OBSERVER	23-51-31		1		Jun 21/2016	ALL

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			2	1	Jun 21/2016	YT106-YT133
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<u>AUDIO AND VIDEO MONITORING</u>						
VIDEO SURVEILLANCE SYSTEM	23-70-11		1	1	Jun 21/2016	ALL
				2	Jun 21/2016	ALL
<u>VOICE RECORDER SYSTEM</u>						
COCKPIT VOICE RECORDER	23-71-01		1	1	Jun 21/2016	ALL
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23-51-11	AUDIO INTEGRATING CAPTAIN
23-51-51	AUDIO INTEGRATING ELECTRONIC SHELF
23-51-21	AUDIO INTEGRATING FIRST OFFICER
23-51-31	AUDIO INTEGRATING OBSERVER
23-42-11	CABIN INTERPHONE
23-42-12	CABIN INTERPHONE - ATTENDANT HANDSETS
23-27-38	CMU 000I, CREW ADVISORIES AND OUTPUT 8
23-27-39	CMU INTERFACES - DATA LOADER PROGRAM PINS
23-27-32	CMU OUTPUT 1 INTERFACES - FMC 1/MCDU 1/PRINTER
23-27-33	CMU OUTPUT 2 INTERFACES - FMC 2/MCDU 2/DFDAU/MIDU
23-27-36	CMU OUTPUT 4 INTERFACES - SATCOM/HF
23-27-37	CMU OUTPUT 6/7 INTERFACES - COMMUNICATIONS
23-27-31	CMU POWER & CONTROL
23-71-01	COCKPIT VOICE RECORDER
23-24-11	EMERGENCY LOCATOR TRANSMITTER
23-42-14	FORWARD ATTENDANT CONTROL PANEL
23-43-11	GROUND CREW CALL
23-11-16	HF COMMUNICATIONS 1 HF DATALINK
23-11-11	HF COMMUNICATIONS NO.1 (HF-1)
23-11-21	HF COMMUNICATIONS NO.2 (HF-2)
23-11-26	HF COMMUNITCATIONS 2 HF DATALINK
23-27-34	OUTPUT BUS 3 INTERFACES - CABIN TERMINALS
23-31-02	PASSENGER ADDRESS AND ENTERTAINMENT LEFT SIDE
23-31-03	PASSENGER ADDRESS AND ENTERTAINMENT RIGHT SIDE
23-31-01	PASSENGER ADDRESS ATTENDANTS PANELS
23-31-04	PASSENGER ADDRESS ATTENDANTS SPEAKERS

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23-41-11	SERVICE INTERPHONE JACKS
23-12-11	VHF COMMUNICATION NO.1
23-12-21	VHF COMMUNICATION NO.2
23-12-31	VHF COMMUNICATION NO.3
23-12-41	VHF/HF COMMUNICATIONS
23-70-11	VIDEO SURVEILLANCE SYSTEM

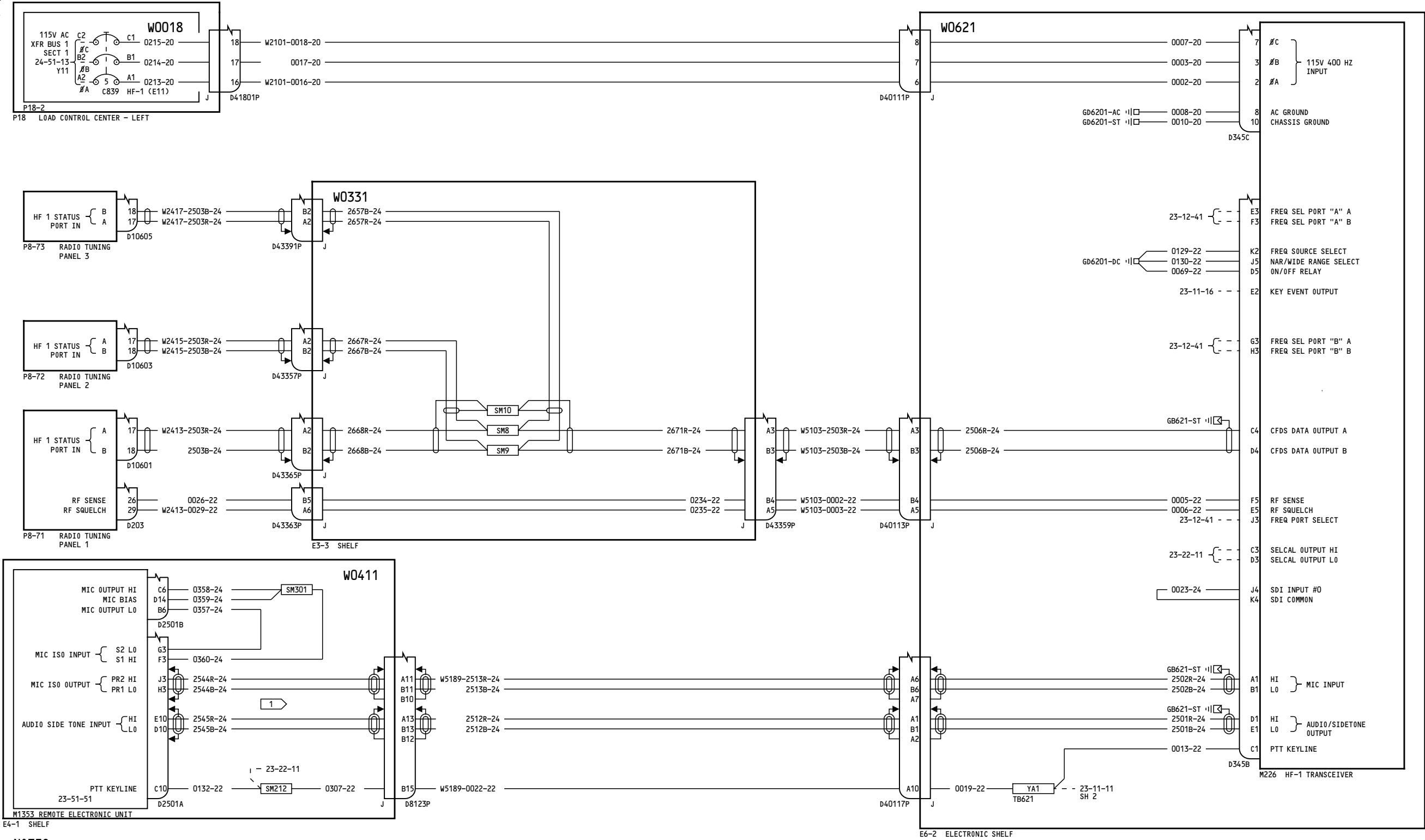
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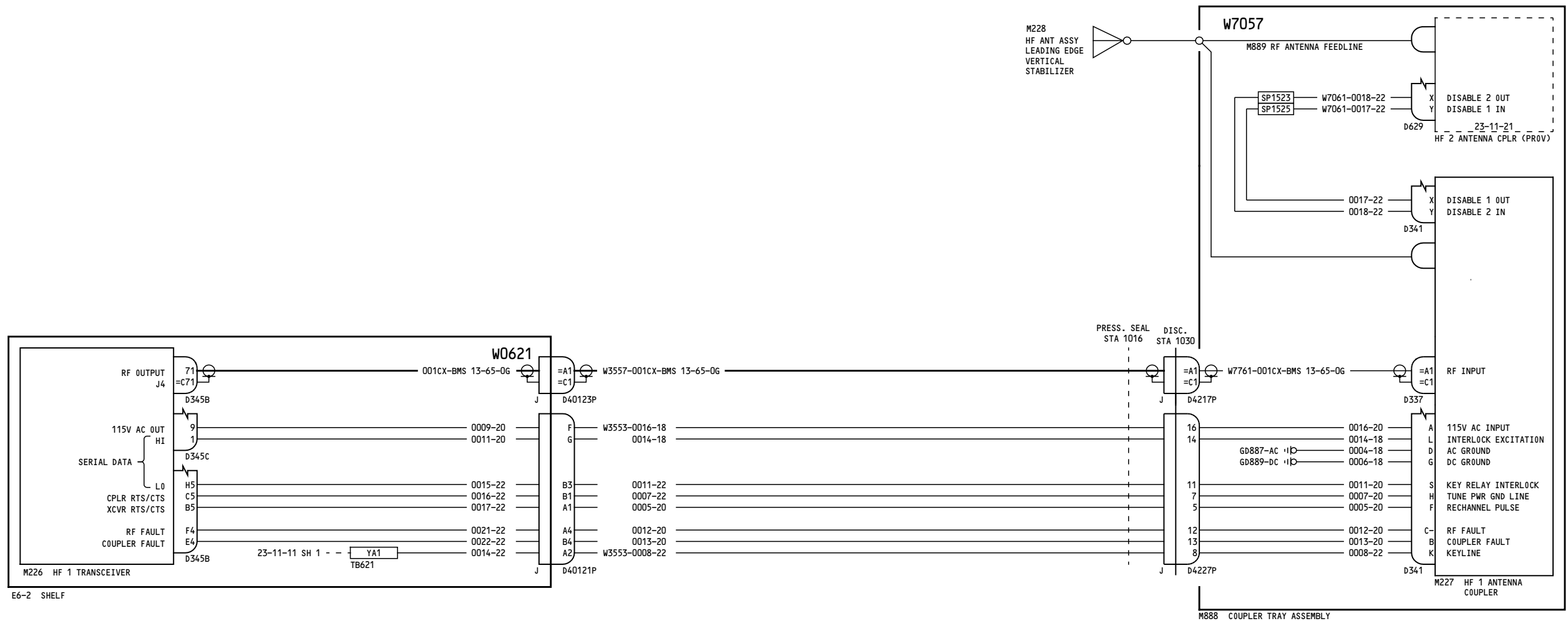
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NOTES:

1 DOUBLE-SHIELDED SHIELDS ARE ISOLATED FROM EACH OTHER.

GEN NOTE: ALL SHIELDS; ALL SHIELDS MUST NOT BE STRIPPED BACK TO EXPOSE MORE THAN TWO INCHES OF SIGNAL WIRE. SHIELD PIGTAIL MUST NOT EXCEED TWO INCHES.



NOTES:

1 TAPE AND STOW NEAR D345A

YT101-YT103

**HF COMMUNICATIONS
NO.1 (HF-1)**

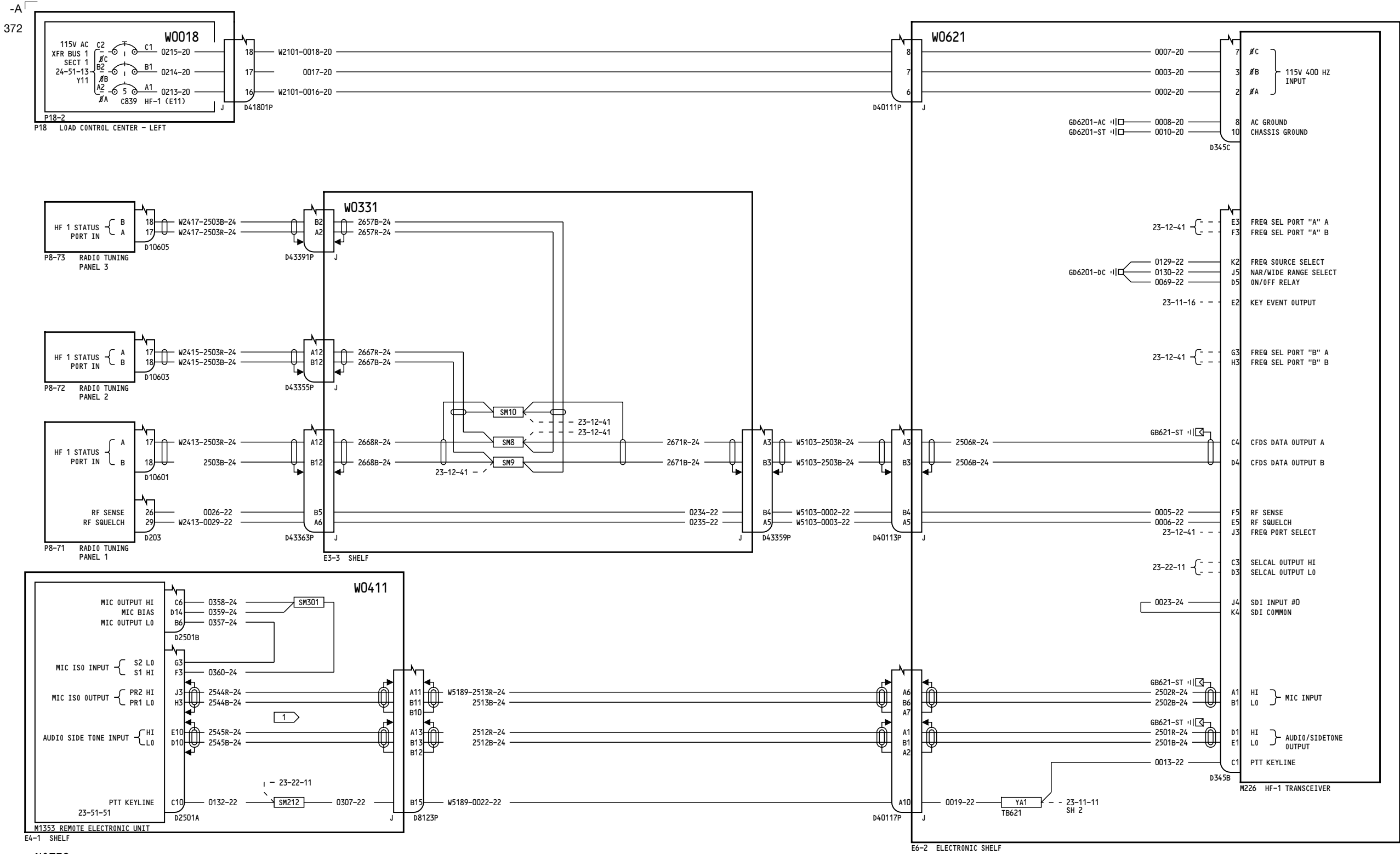
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YT104-YT133

HF COMMUNICATIONS
NO.1 (HF-1)

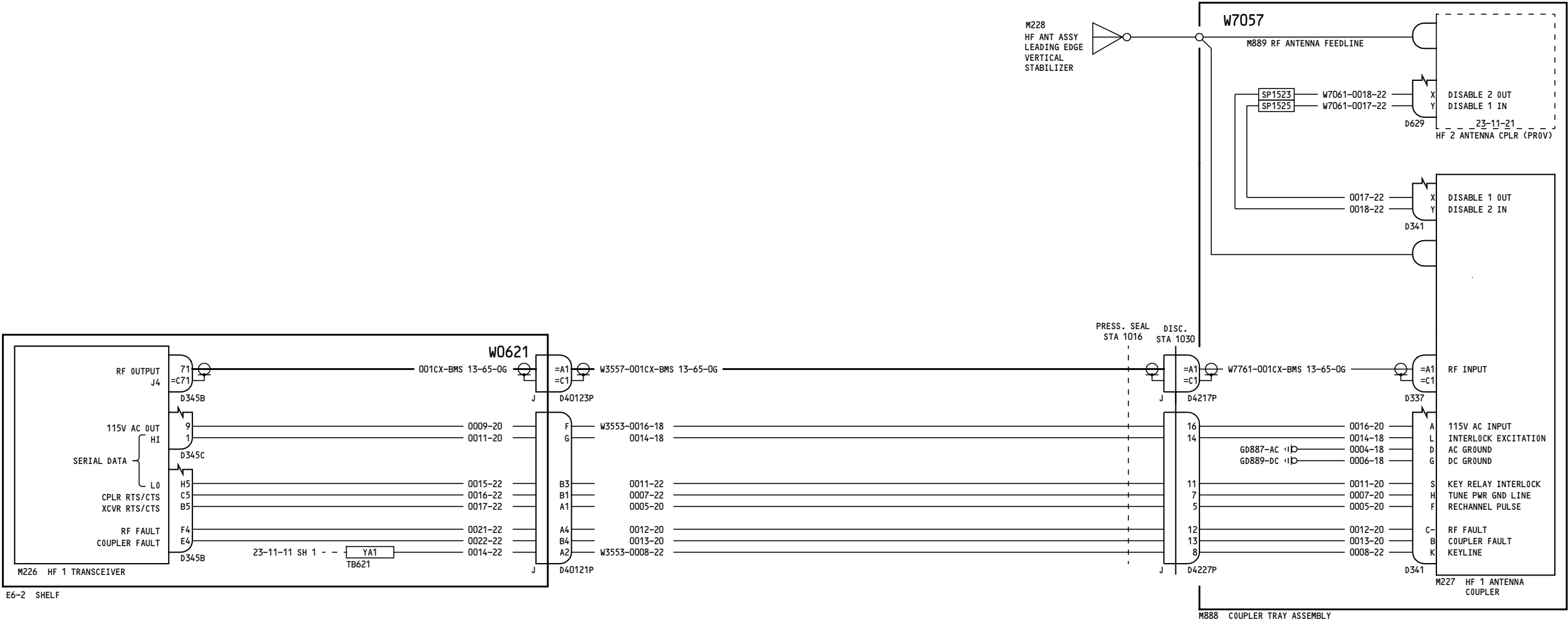
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NOTES:

1 TAPE AND STOW NEAR D345A

YT104-YT133

**HF COMMUNICATIONS
NO.1 (HF-1)**

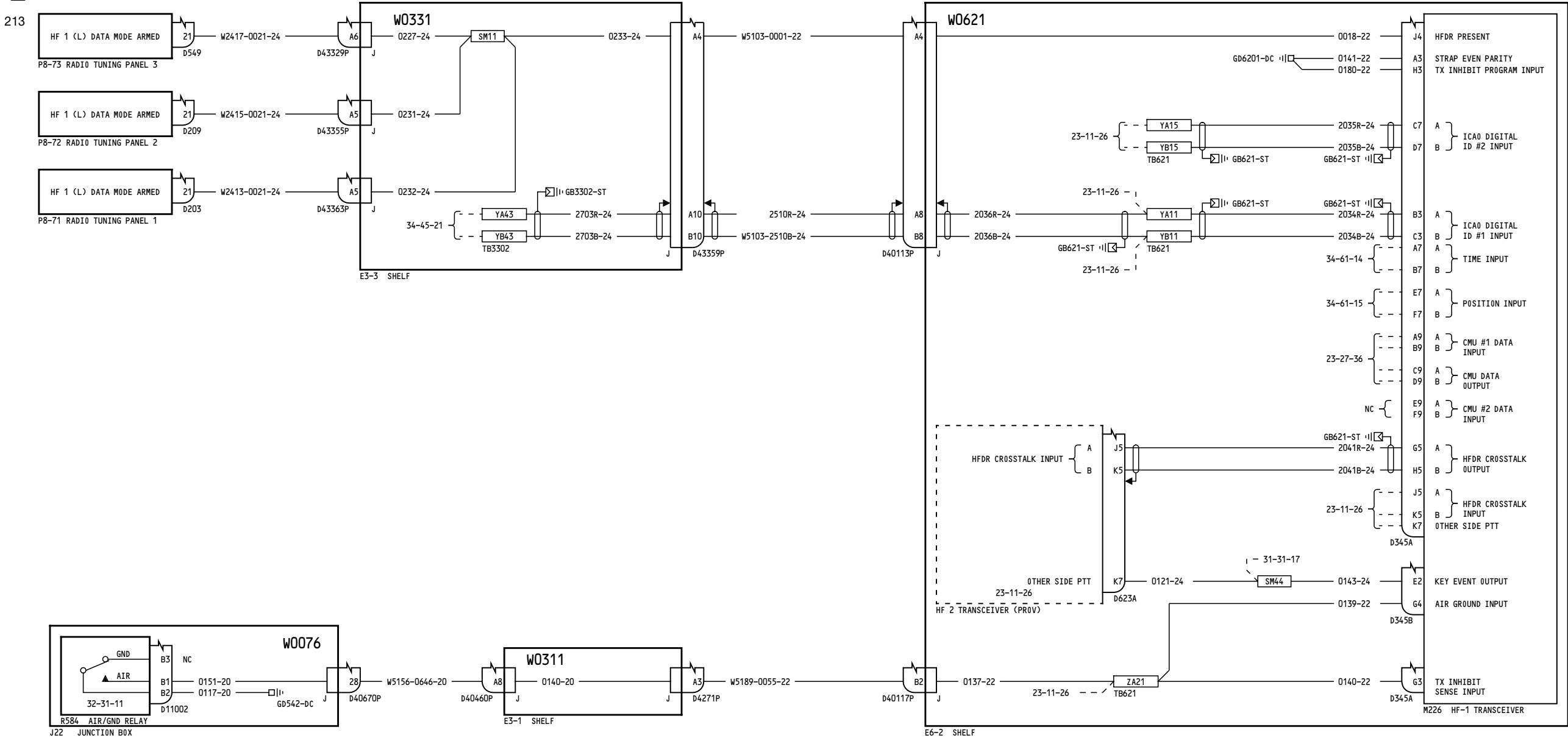
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YT101-YT105

HF COMMUNICATIONS 1
HF DATALINK

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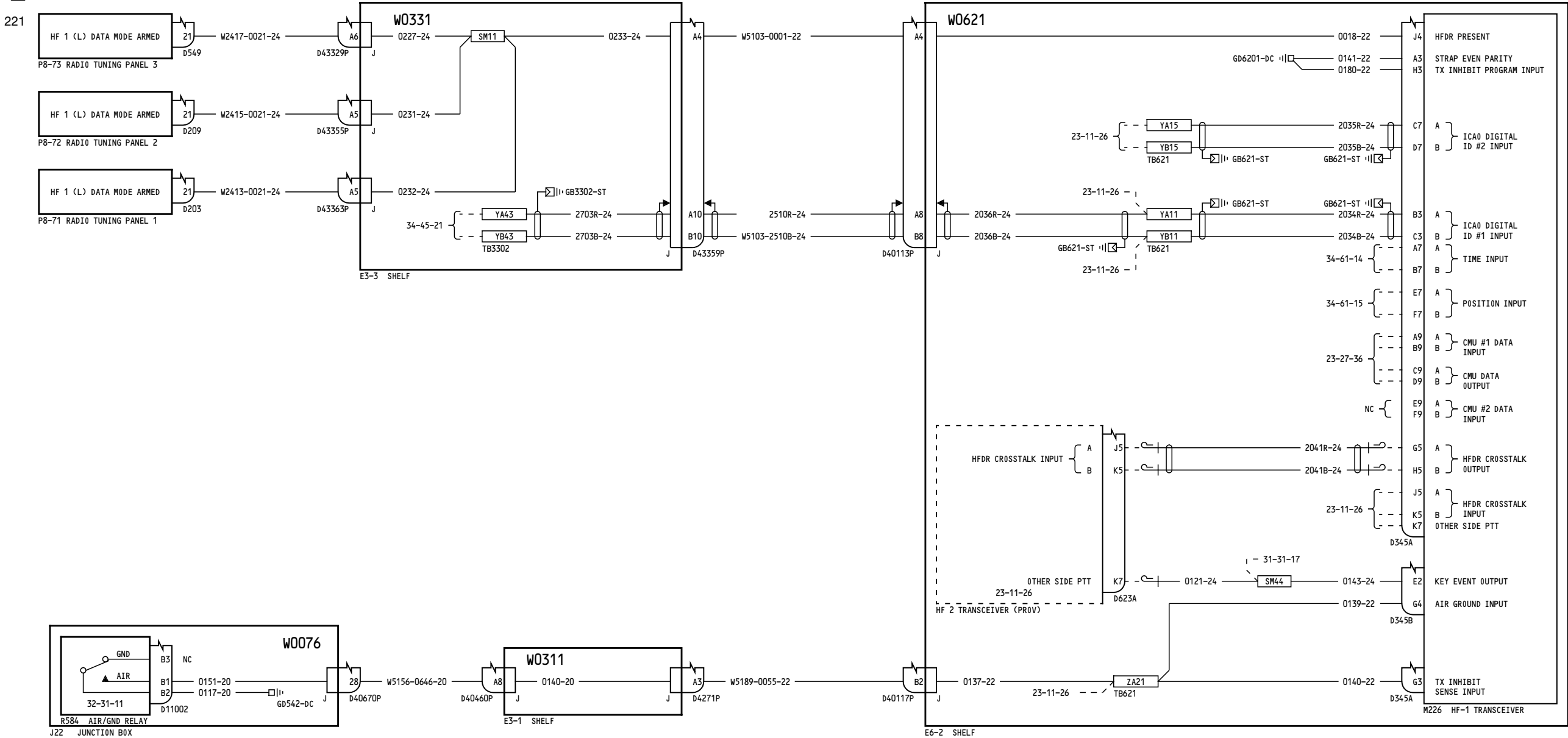
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YT106-YT133

HF COMMUNICATIONS 1
HF DATALINK

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GEN NOTE:
ALL SHIELDS MUST NOT BE STRIPPED BACK TO
EXPOSE MORE THAN TWO INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED TWO INCHES.

2

COLLAR AND LABEL INOP

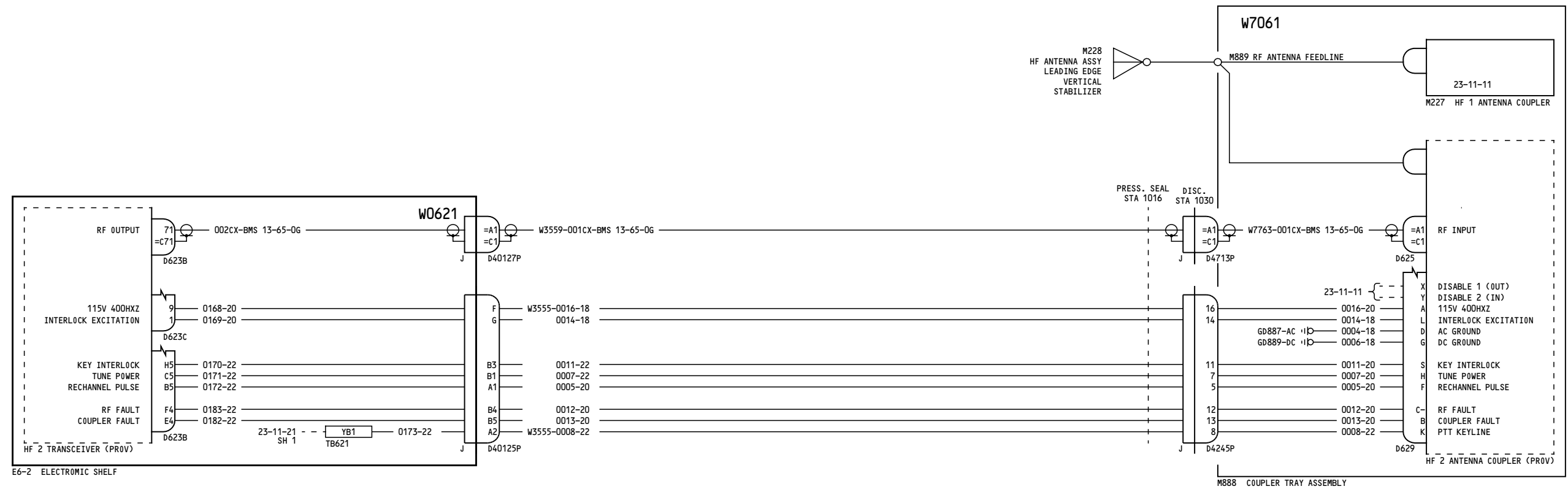
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GEN NOTE:
ALL SHIELDS MUST NOT BE STRIPPED BACK TO
EXPOSE MORE THAN TWO INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED TWO INCHES.

2

COLLAR AND LABEL INOP

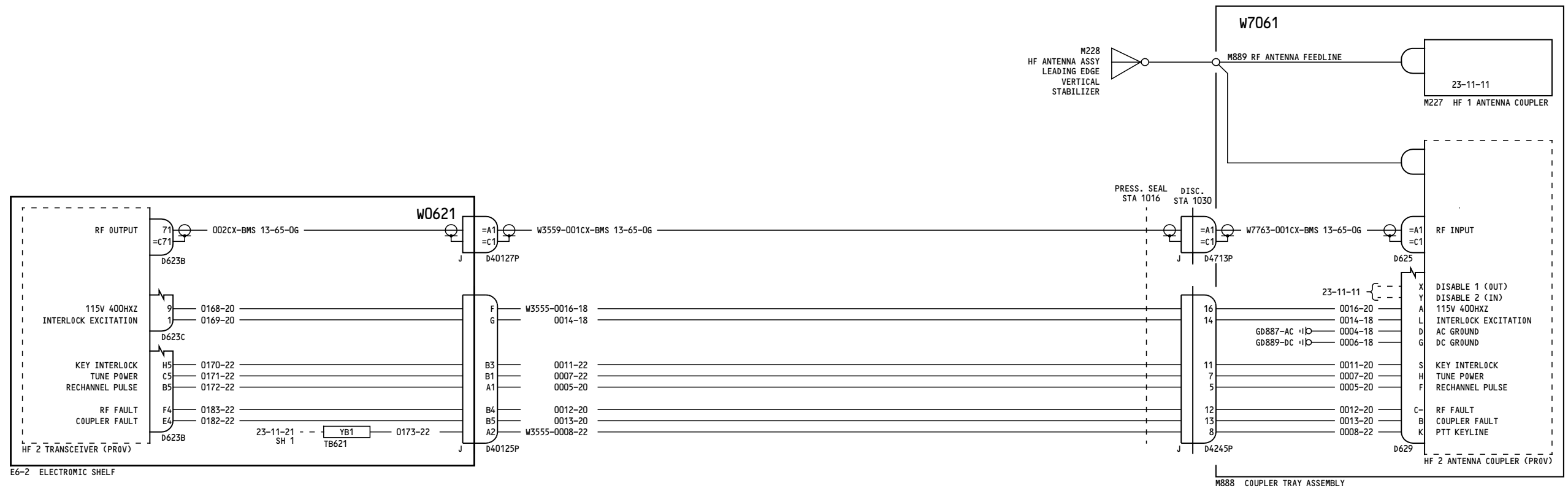
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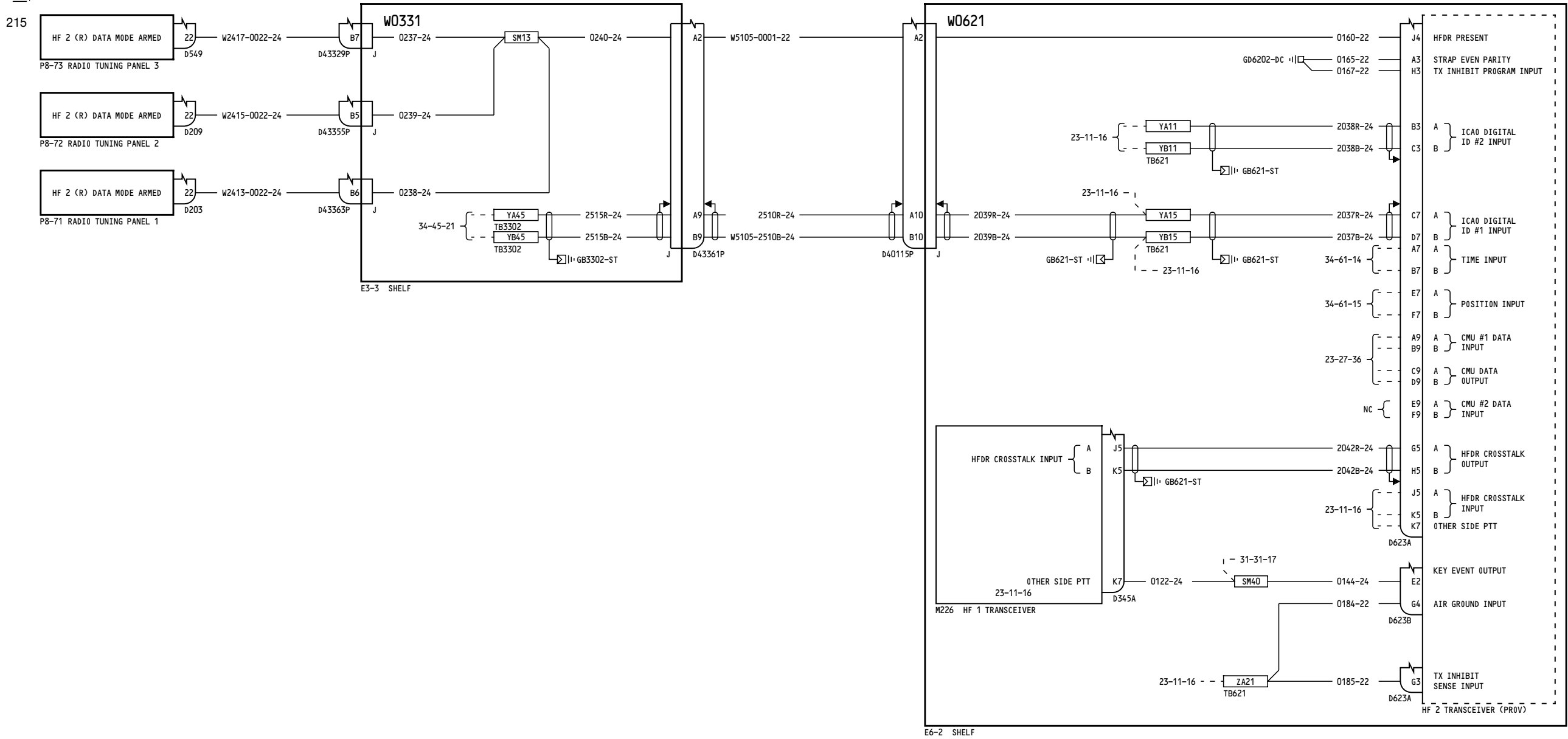
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YT101-YT105

HF COMMUNICATIONS 2
HF DATALINK

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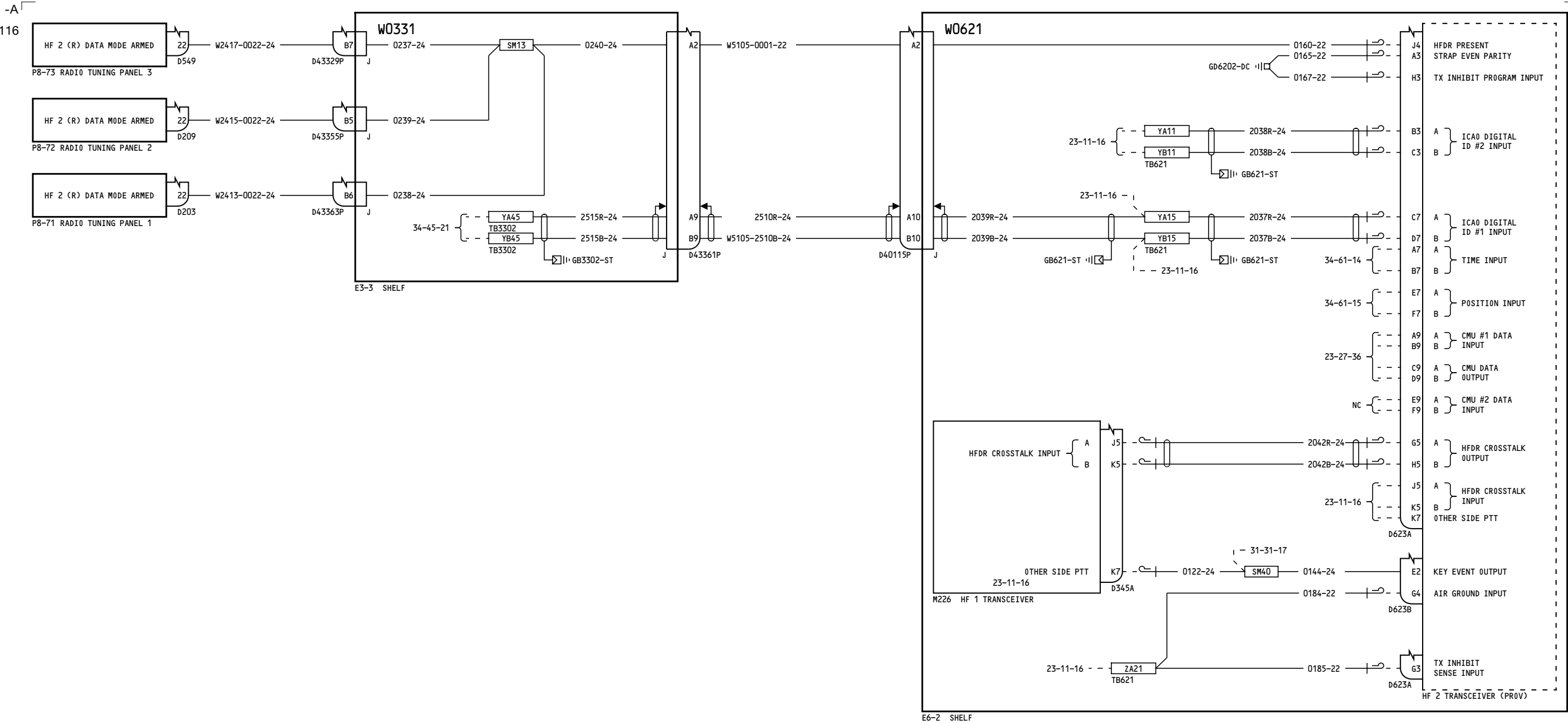
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The diagram illustrates the wiring for the E4-1 Electronic Shelf, which is part of a larger system. The shelf contains several electronic units and their interconnections:

- VHF-1 Audio:** Connected to MIC, L0, and PTT. The PTT line is connected to the PTT of the VHF-1 Audio unit.
- VHF-1 HI, L0:** Connected to the HI and L0 lines of the VHF-1 Audio unit.
- VHF-1 PTT:** Connected to the PTT line of the VHF-1 Audio unit.
- VHF 1 (32-64-11):** A VHF switch unit connected to the VHF-1 Audio unit.
- Antenna VHF Comm 1 (STA 630.36 TOP):** Connected to the antenna line of the VHF-1 Audio unit.
- Connectors and Switches:** Various connectors (D2501A, D2501B, D4287P, D4195P, D40498P, D4133P, D199B, D199C) and switches (YA5, TB1301, TB4101, SM22) are used to route signals between units.
- Other Shelves:** The diagram shows connections to other shelves (E1-3) and a central rack (E1-3).

GEN NOTE:
ALL SHIELDS MUST NOT BE STRIPPED BACK
TO EXPOSE MORE THAN 2 INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED 2 INCHES.

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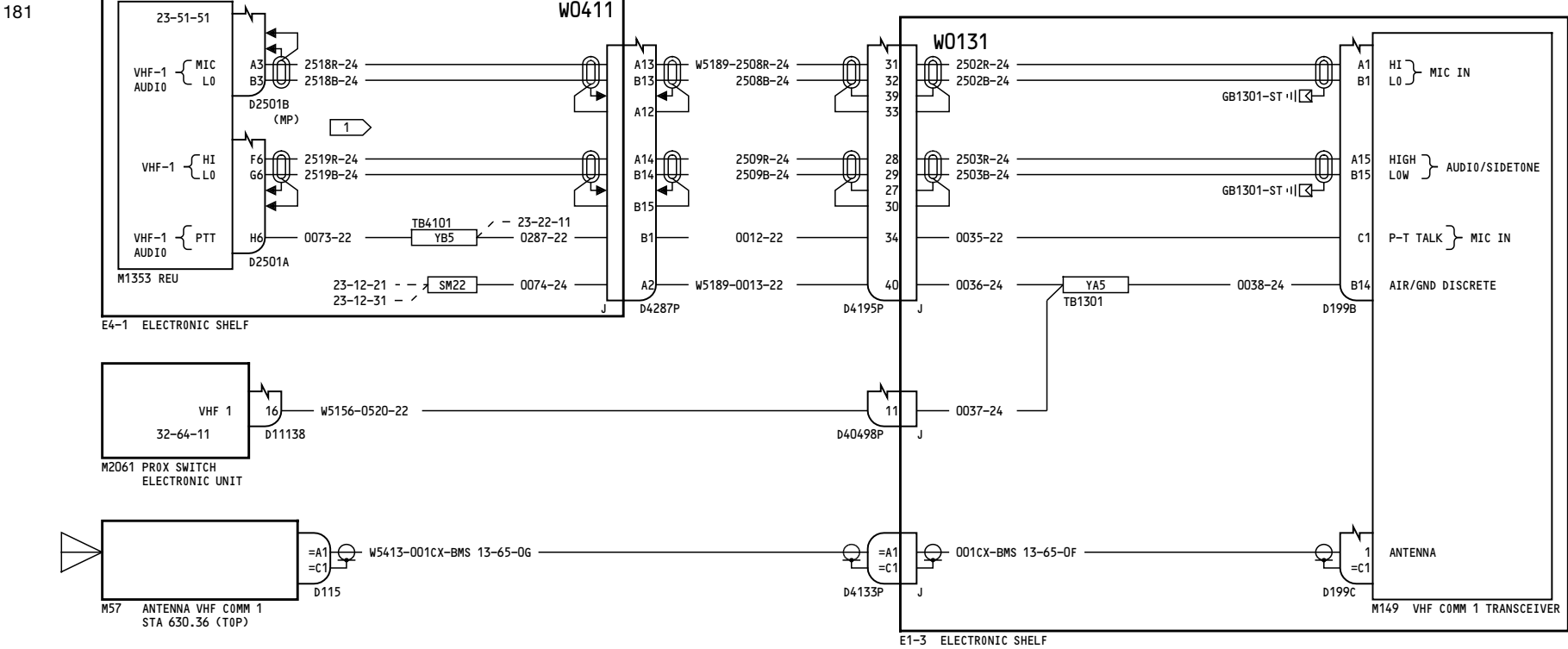
The diagram illustrates the electrical connections between three radio tuning panels and a central communication system. The components and their connections are as follows:

- P8-71 RADIO TUNING PANEL 1:** Includes a 28V DC power supply, a VHF 1 status 429 port in, and various control lines. It connects to the central shelf via a D203 connector.
- P8-72 RADIO TUNING PANEL 2:** Includes a VHF 1 status 429 port in and a VHF 1 8.33 KHZ CAPABLE section. It connects to the central shelf via a D209 connector.
- P8-73 RADIO TUNING PANEL 3:** Includes a VHF 1 8.33 KHZ CAPABLE section and a VHF 1 status 429 port in. It connects to the central shelf via a D549 connector.
- E3-3 SHELF:** A central hub containing several relays (D41807P, D41831P, D4123P, D4123P, D4123P) and switches (SM19, SM17, SM18, SM20). It connects to the transceiver via a D199B connector.
- M149 VHF COMM 1 TRANSCEIVER:** The final destination for the communication signals, featuring a VHF 1 status 429 port in and a VHF 1 8.33 KHZ CAPABLE section.

The diagram uses a color-coded system for wire numbers: blue for power, red for ground, green for data, and yellow for control. The connections are detailed with wire numbers and component labels, ensuring precise installation.

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NOTES: 1 DOUBLE-SHIELDED SHIELDS ARE ISOLATED FROM EACH OTHER.

GEN NOTE:
ALL SHIELDS MUST NOT BE STRIPPED BACK TO EXPOSE MORE THAN 2 INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED 2 INCHES.

YT104-YT133

VHF COMMUNICATION NO.1

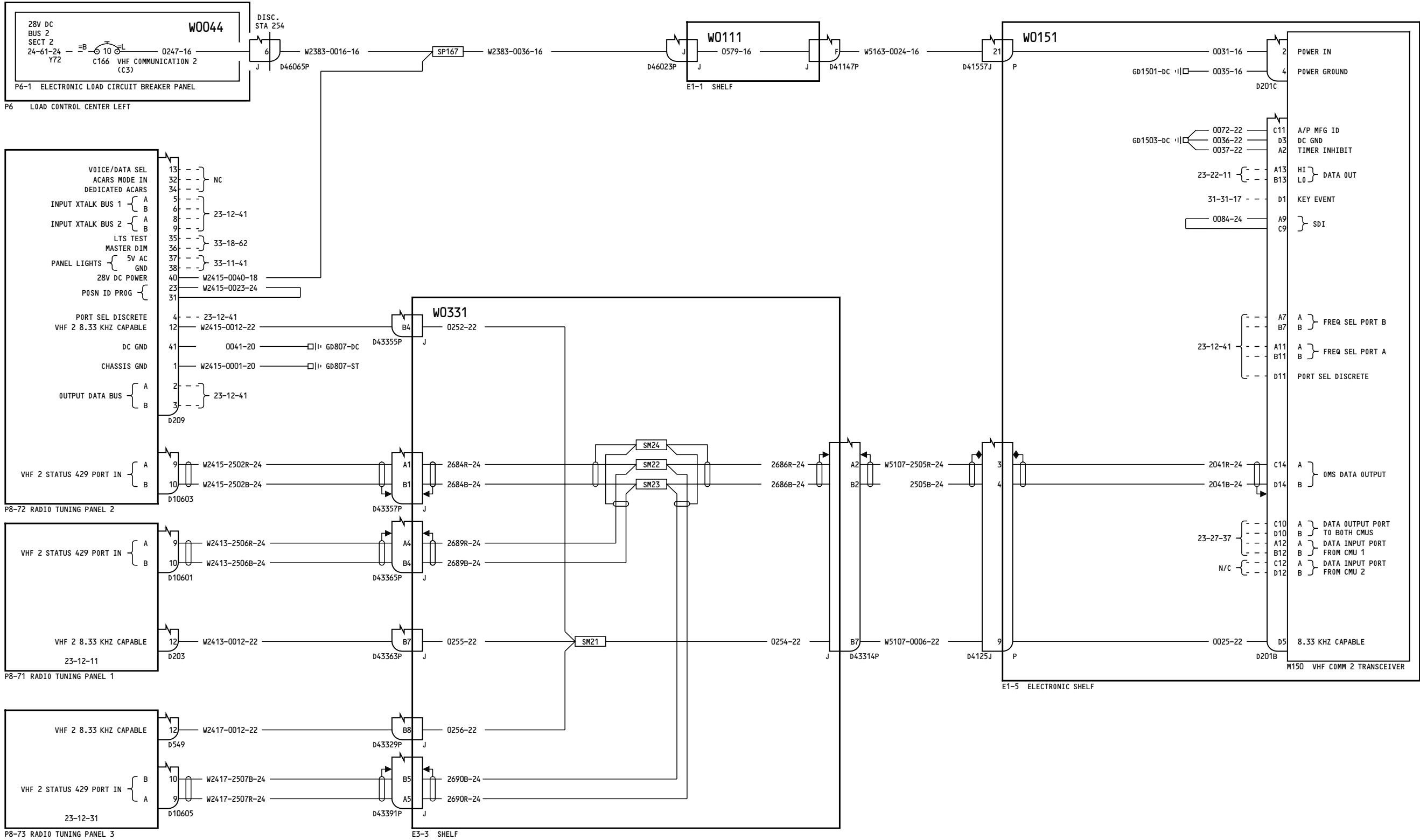
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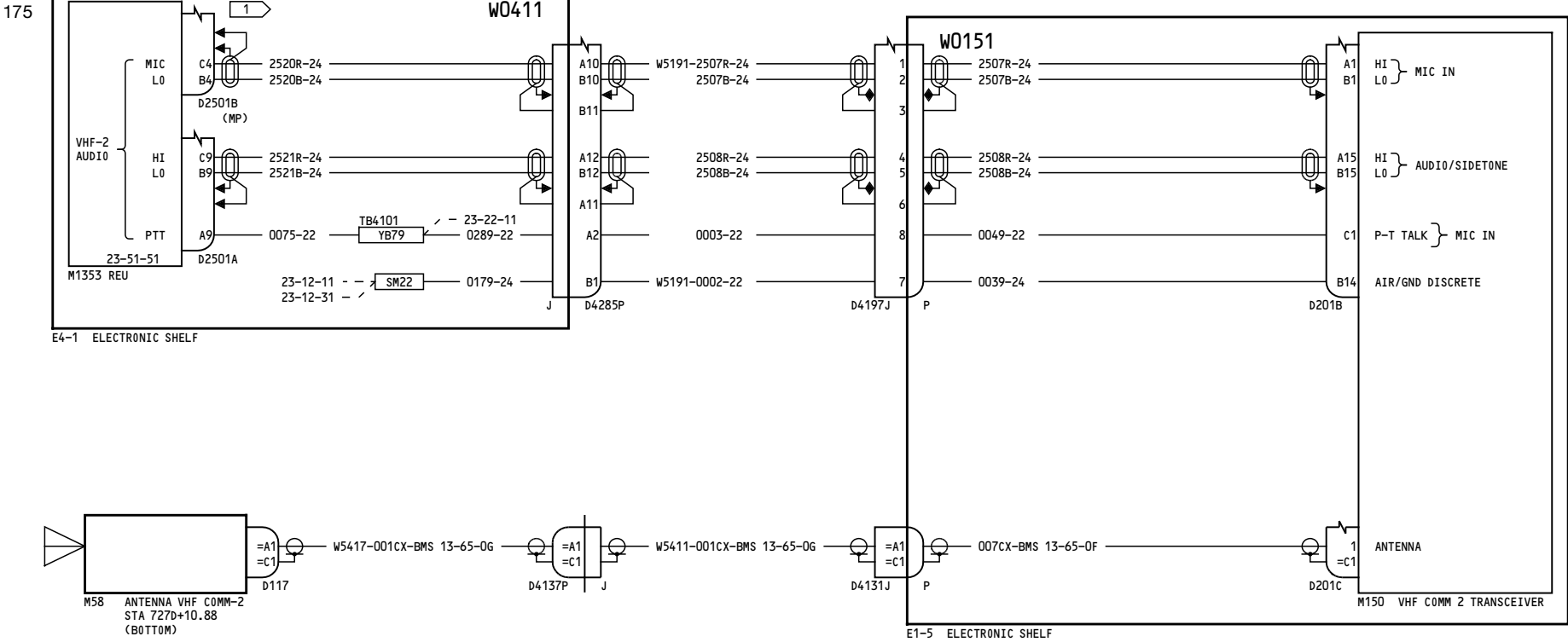
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NOTES:

ALL SHIELDS MUST NOT BE STRIPPED BACK TO EXPOSE MORE THAN 2 INCHES OF SIGNAL WIRE. SHIELD PIGTAIL MUST NOT EXCEED 2 INCHES.

1 DOUBLE-SHIELDED SHIELDS ARE ISOLATED FROM EACH OTHER.

YT101-YT103

VHF COMMUNICATION NO.2

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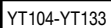
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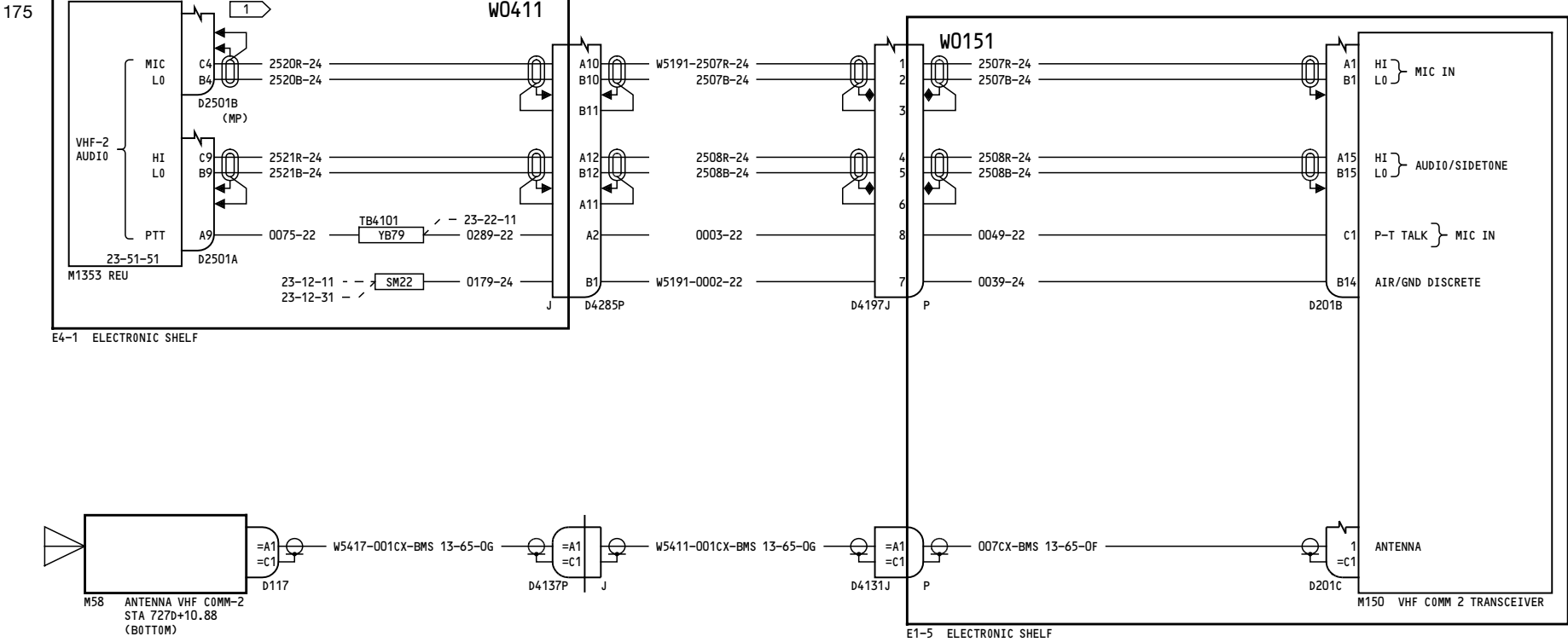
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NOTES:

ALL SHIELDS MUST NOT BE STRIPPED BACK TO EXPOSE MORE THAN 2 INCHES OF SIGNAL WIRE. SHIELD PIGTAIL MUST NOT EXCEED 2 INCHES.

1 DOUBLE-SHIELDED SHIELDS ARE ISOLATED FROM EACH OTHER.

YT104-YT133

VHF COMMUNICATION NO.2

D280A351

23-12-21

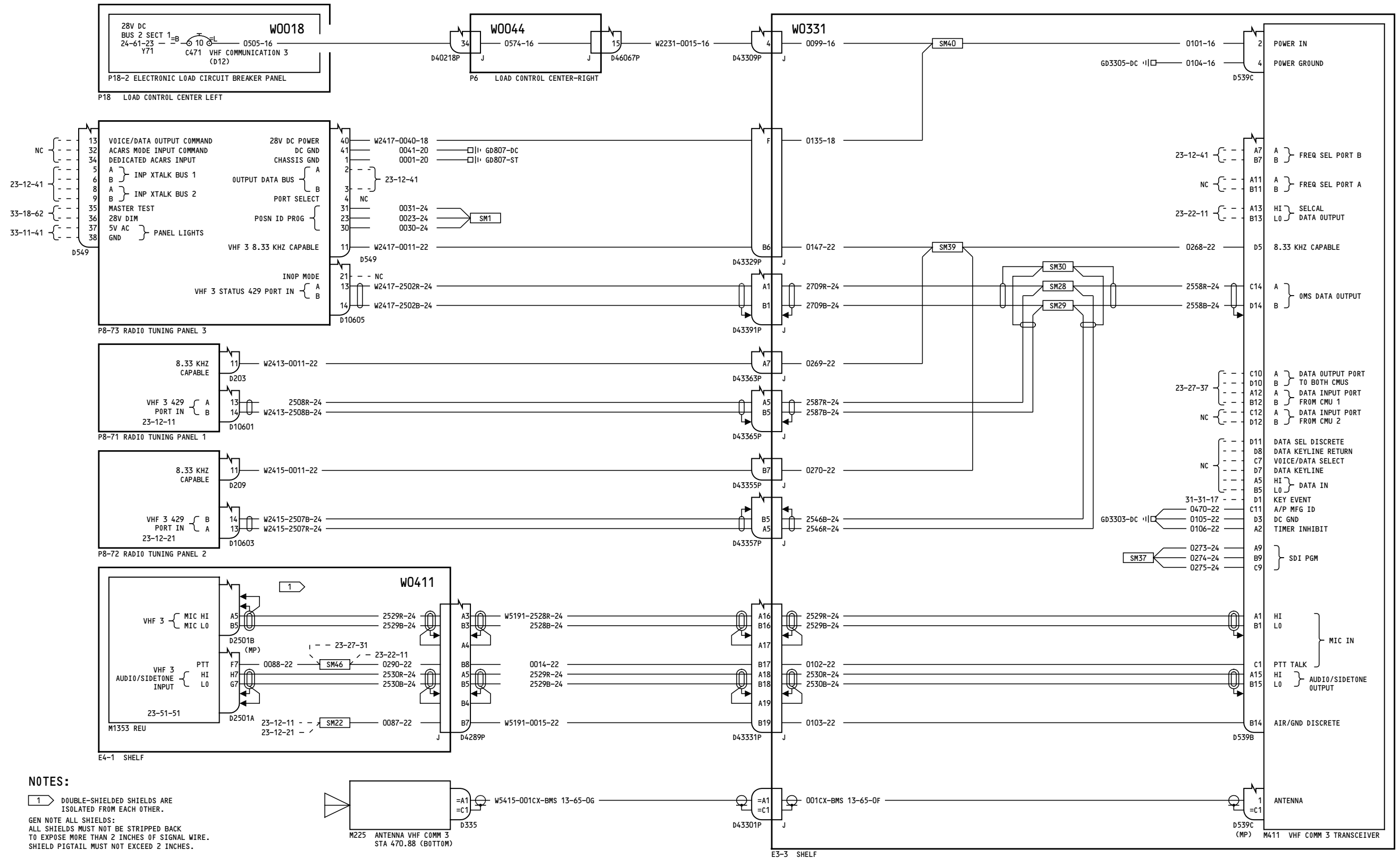
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VHF COMMUNICATION NO.3

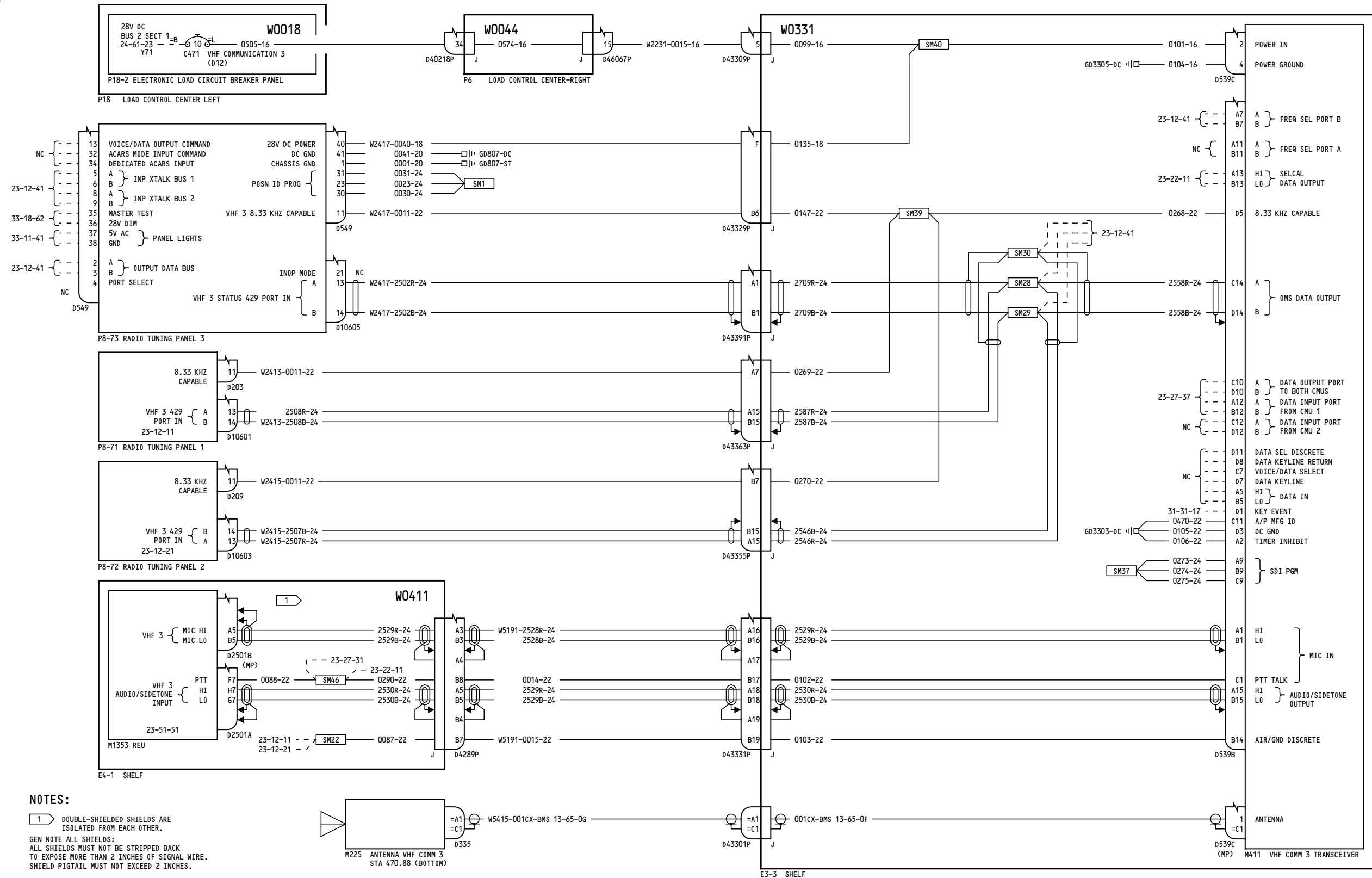
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NOTES:

1 DOUBLE-SHIELDED SHIELDS ARE ISOLATED FROM EACH OTHER.

GEN NOTE ALL SHIELDS:
ALL SHIELDS MUST NOT BE STRIPPED BACK
TO EXPOSE MORE THAN 2 INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED 2 INCHES.

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The diagram illustrates the wiring for the E3-3 SHELF, which houses three radio tuning panels (P8-71, P8-72, P8-73) and three electronic shelves (W0331, W0131, W0151).

P8-71 RADIO TUNING PANEL 1: Features a PORT SEL DISCRETE input, HF-1 and HF-2 DATA MODE ARMED inputs, VHF-C, VHF-R, and VHF-L DATA ARMED inputs, and an OUTPUT DATA BUS. It is connected to W0331 via a D203 connector.

P8-72 RADIO TUNING PANEL 2: Features a PORT SEL DISCRETE input, HF-1 and HF-2 DATA MODE ARMED inputs, VHF-C, VHF-R, and VHF-L DATA ARMED inputs, and an OUTPUT DATA BUS. It is connected to W0331 via a D209 connector.

P8-73 RADIO TUNING PANEL 3: Features an OUTPUT DATA BUS, HF-1 and HF-2 DATA MODE ARMED inputs, VHF-C, VHF-R, and VHF-L DATA ARMED inputs, and an INPUT XTALK DATA BUS 1. It is connected to W0331 via a D549 connector.

W0331: A central electronic shelf with multiple ports (A1-A5, B1-B5) and a D43363P connector. It is connected to W0131 via a D43367P connector and to W0151 via a D43314P connector.

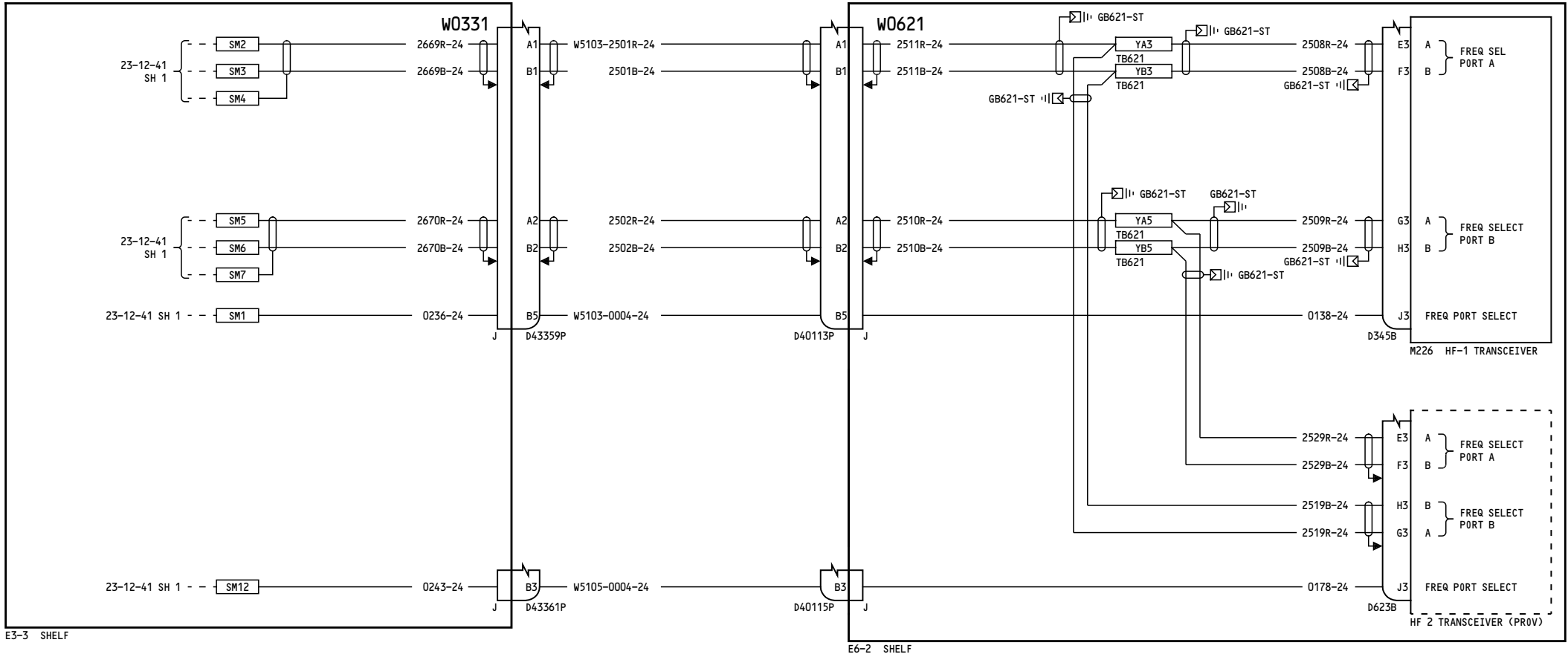
W0131: An electronic shelf with ports (A1-A3, B1-B3) and a D4123P connector. It is connected to W0151 via a D4125J connector.

W0151: An electronic shelf with ports (A1-A3, B1-B3) and a D201B connector. It is connected to the M149 VHF COMM 1 TRANSCEIVER and the M150 VHF COMM 2 TRANSCEIVER.

The diagram also shows connections to the M411 VHF COMM 3 TRANSCEIVER and various signal lines (e.g., 23-12-11, 23-12-21, 23-12-41 SH 2) and discrete ports (e.g., 0245-24, 0247-24, 0253-24).

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GEN NOTE: ALL SHIELDS;
ALL SHIELDS MUST NOT BE STRIPPED BACK TO
EXPOSE MORE THAN TWO INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED TWO INCHES.

YT101-YT103

VHF/HF COMMUNICATIONS

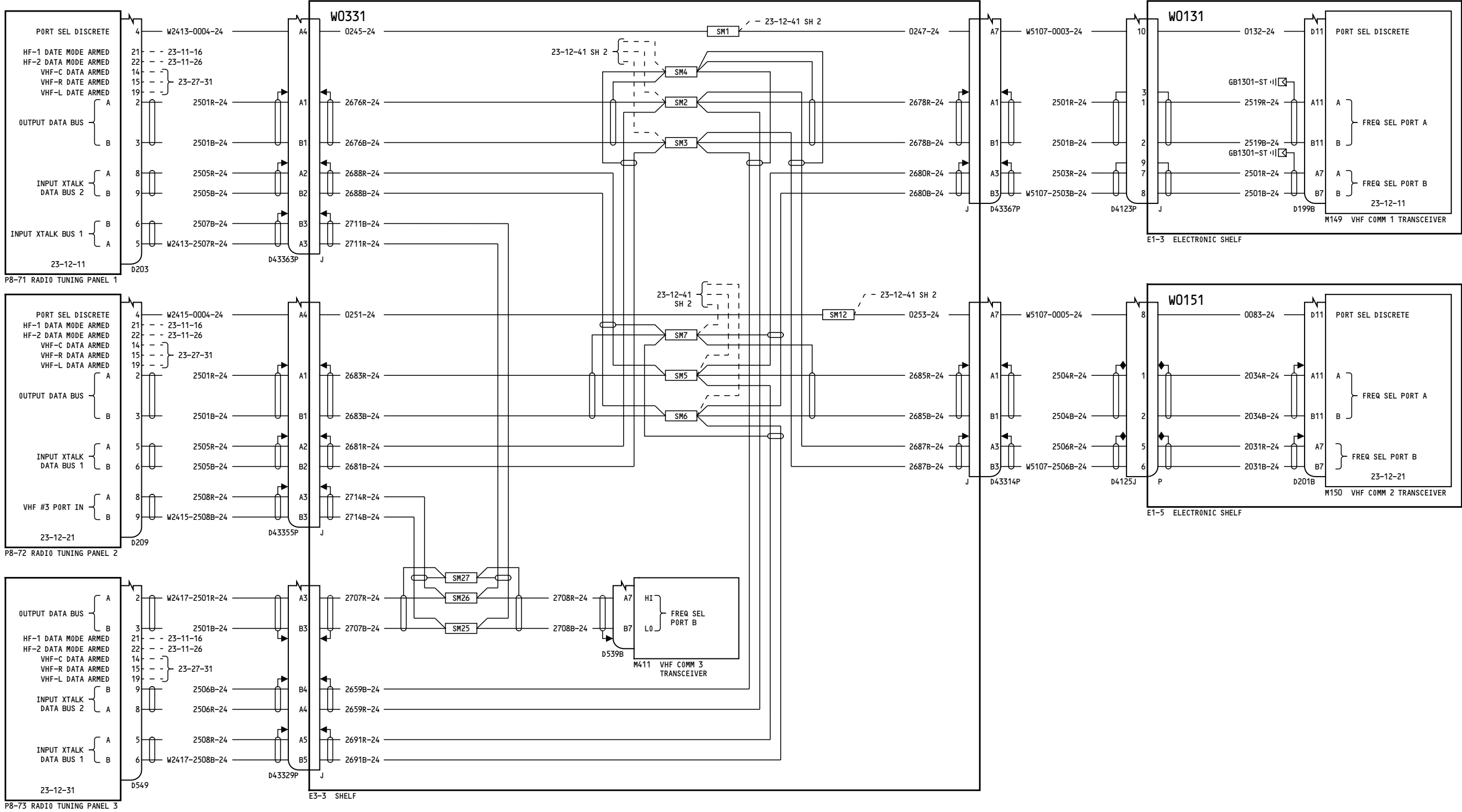
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YT104-YT133

VHF/HF COMMUNICATIONS

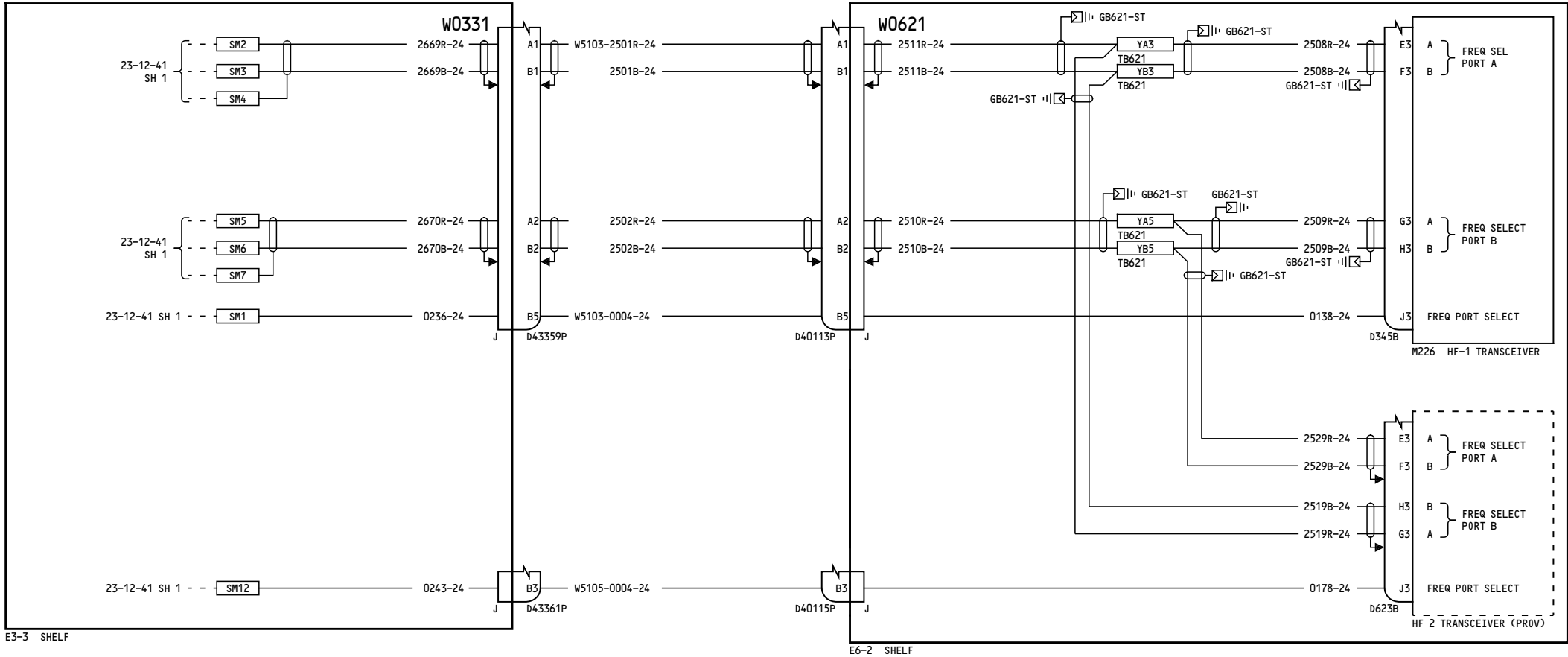
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GEN NOTE: ALL SHIELDS;
ALL SHIELDS MUST NOT BE STRIPPED BACK TO
EXPOSE MORE THAN TWO INCHES OF SIGNAL WIRE.
SHIELD PIGTAIL MUST NOT EXCEED TWO INCHES.

YT104-YT133

VHF/HF COMMUNICATIONS

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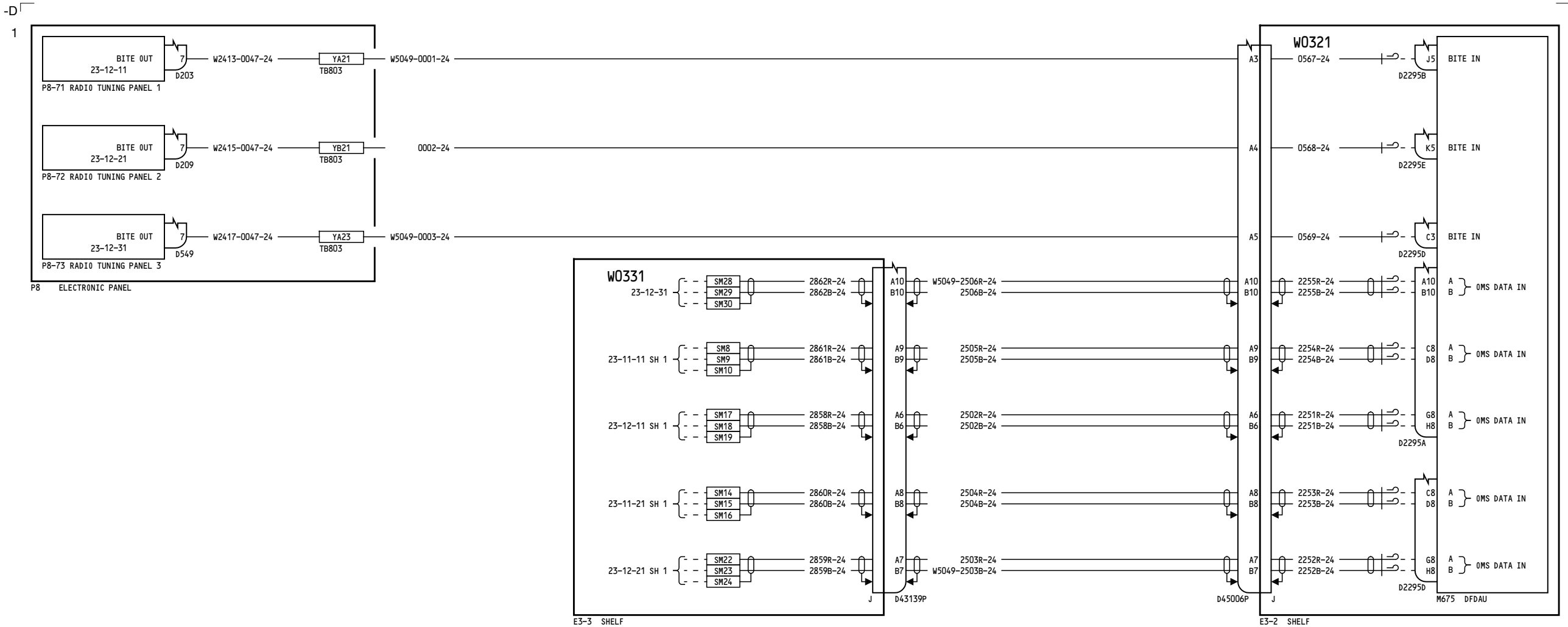
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737-800 WIRING DIAGRAM MANUAL



YT104-YT133

VHF/HF COMMUNICATIONS

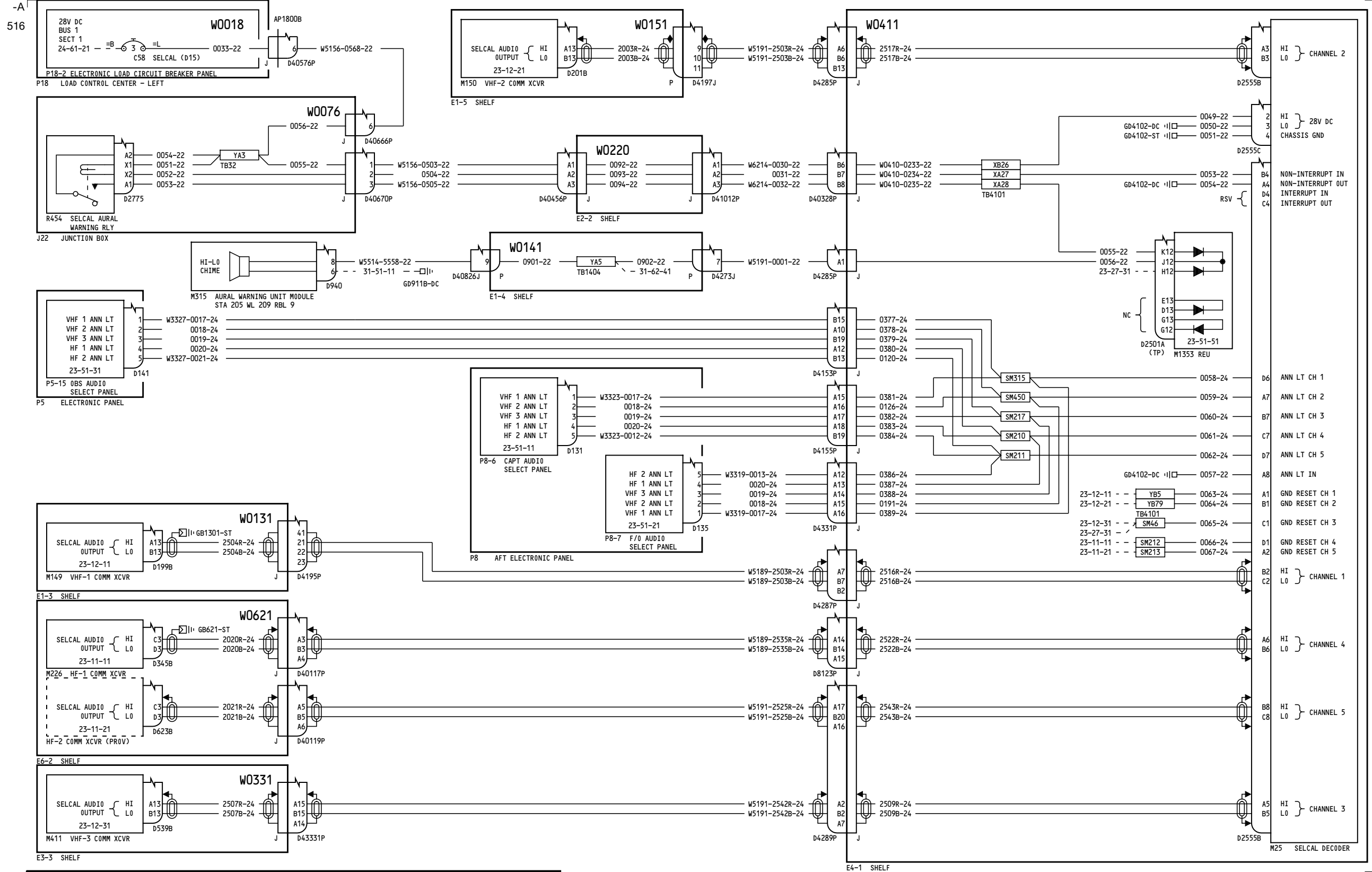
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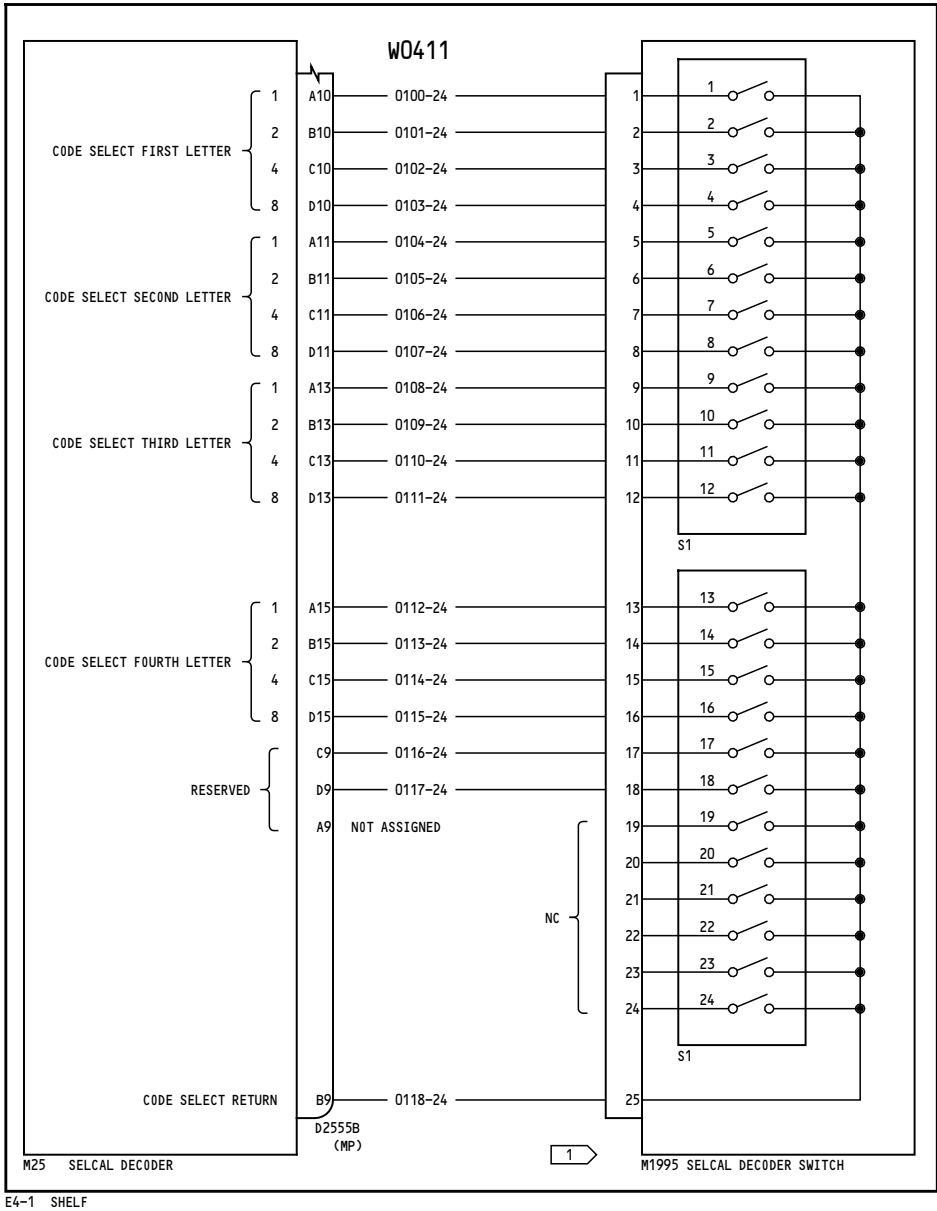
ALL	SELCAL
	D280A351

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NOTES:

1 FOR EACH BIT DESIGNATED AS "0"
SET THE CORRESPONDING SWITCH TO "ON"
FOR EACH BIT DESIGNATED AS "1"
SET THE CORRESPONDING SWITCH TO "OFF"
(FOR ANY UNUSED SWITCH SET TO "OFF")

ALL	SELCAL D280A351
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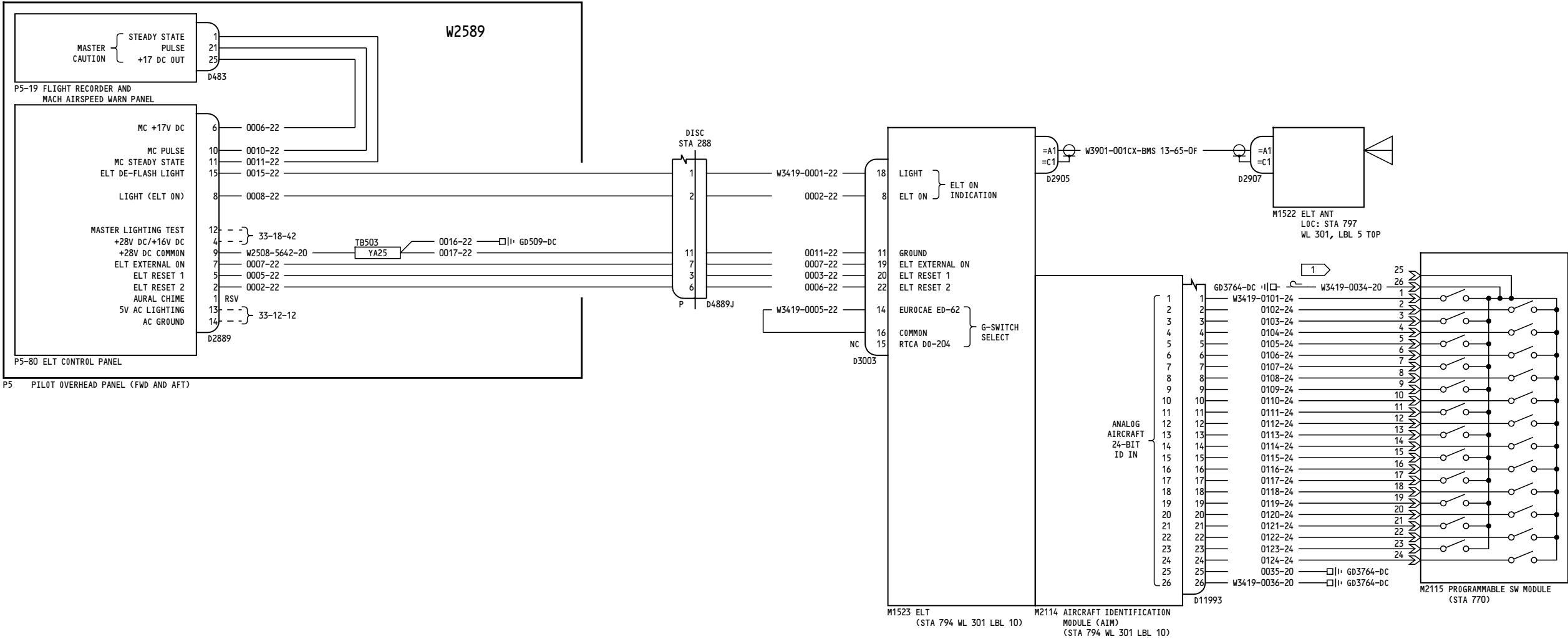
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AIRPLANE	CODE	D2555B (SELCAL DECODER CONNECTOR)																							
		PIN 10				PIN 11				PIN 13				PIN 15				PIN 9							
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			C	D				
		M1995 (DECODER SWITCH)														<div>1</div>									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			17	18				
YT101	PR-KL	1	0	1	1	1	1	1	1	0	1	0	1	1	1	0	1			1	1				
YT102	AE-BP	1	0	0	0	1	0	1	0	0	1	0	0	1	0	1	1			1	1				
YT103	HS-BD	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0			1	1				
YT104	HP-DJ	0	0	0	1	1	0	1	1	0	0	1	0	1	0	0	1			1	1				
YT105	EG-DH	1	0	1	0	1	1	1	0	0	0	1	0	0	0	0	1			1	1				
YT106	KM-FH	0	1	0	1	0	0	1	1	0	1	1	0	0	0	0	1			1	1				
YT107	BQ-DL	0	1	0	0	0	1	1	1	0	0	1	0	1	1	0	1			1	1				
YT108	KL-DQ	0	1	0	1	1	1	0	1	0	0	1	0	0	1	1	1			1	1				
YT109	DK-LM	0	0	1	0	0	1	0	1	1	1	0	1	0	0	1	1			1	1				
YT110	CG-HK	1	1	0	0	1	1	1	0	0	0	0	1	0	1	0	1			1	1				
YT111	AD-LR	1	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1			1	1				
YT112	ER-BJ	1	0	1	0	1	1	1	1	0	1	0	0	1	0	0	1			1	1				
YT113	DK-FH	0	0	1	0	0	1	0	1	0	1	1	0	0	0	0	1			1	1				
YT114	FK-BC	0	1	1	0	0	1	0	1	0	1	0	0	1	1	0	0			1	1				
YT115	LS-AC	1	1	0	1	0	0	0	0	1	0	0	0	1	1	0	0			1	1				
YT116	DS-BG	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0			1	1				
YT117	CD-RS	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	0			1	1				
YT118	BL-AJ	0	1	0	0	1	1	0	1	1	0	0	0	1	0	0	1			1	1				
YT119	EK-AC	1	0	1	0	0	1	0	1	1	0	0	0	1	1	0	0			1	1				
YT120	CP-ER	1	1	0	0	1	0	1	1	1	0	1	0	1	1	1	1			1	1				
YT126	GR-AB	1	1	1	0	1	1	1	1	1	0	0	0	0	1	0	0			1	1				
YT127	GR-AB	1	1	1	0	1	1	1	1	1	0	0	0	0	1	0	0			1	1				
YT128	AG-DQ	1	0	0	0	1	1	1	0	0	0	1	0	0	1	1	1			1	1				
YT129	AL-CF	1	0	0	0	1	1	0	1	1	1	0	0	0	1	1	0			1	1				
YT130	AL-MR	1	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1			1	1				
YT131	FM-CK	0	1	1	0	0	0	1	1	1	1	0	0	0	1	0	1			1	1				

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NOTES:

1 M2115 IS DISABLED SO AIM WILL RETAIN FACTORY CODING

ALL	EMERGENCY LOCATOR TRANSMITTER
	D280A351

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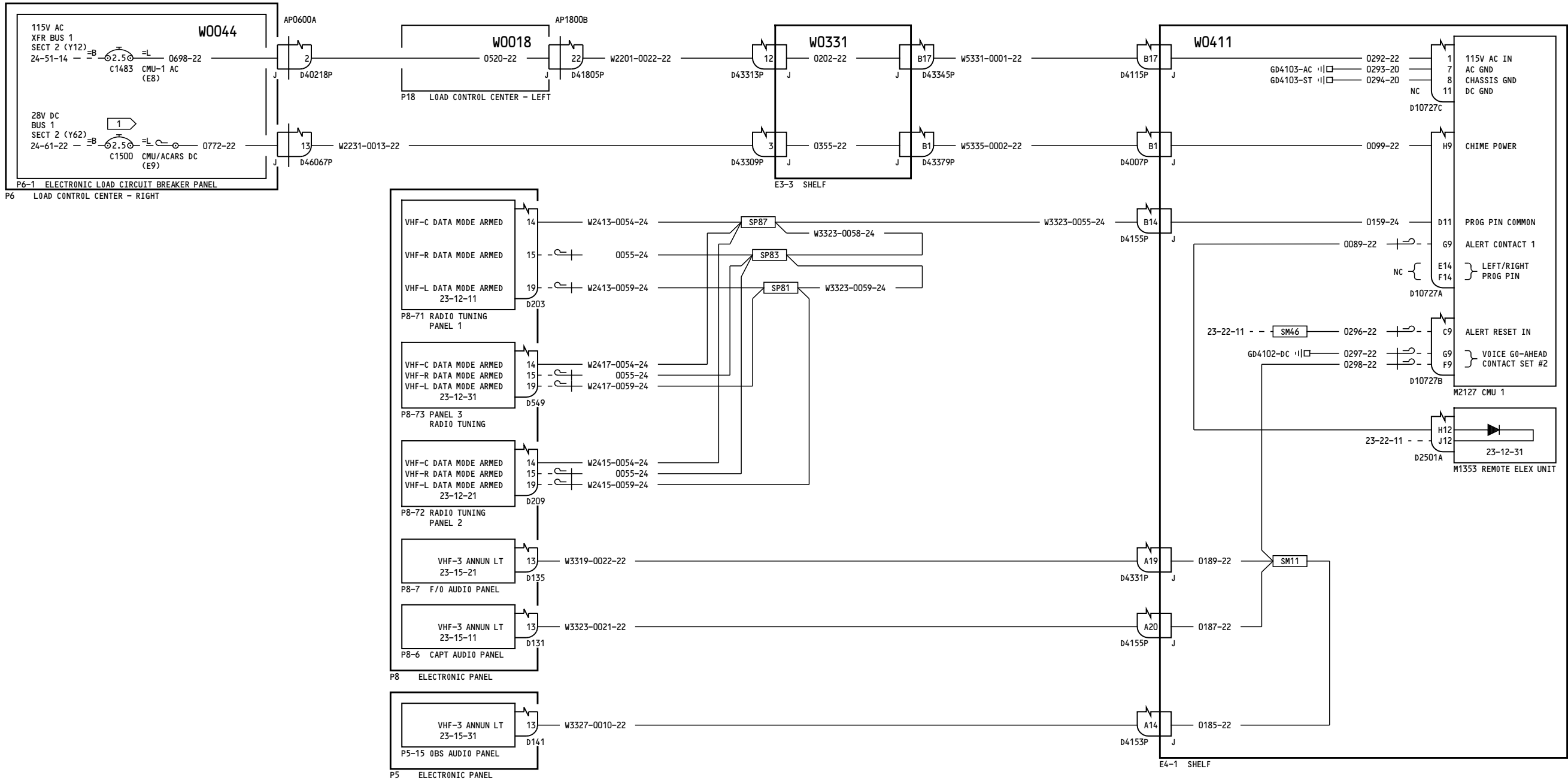
ALL	EMERGENCY LOCATOR TRANSMITTER D280A351
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NOTES:

1 COLLAR AND LABEL INOP

YT101-YT103

CMU POWER & CONTROL

D280A351

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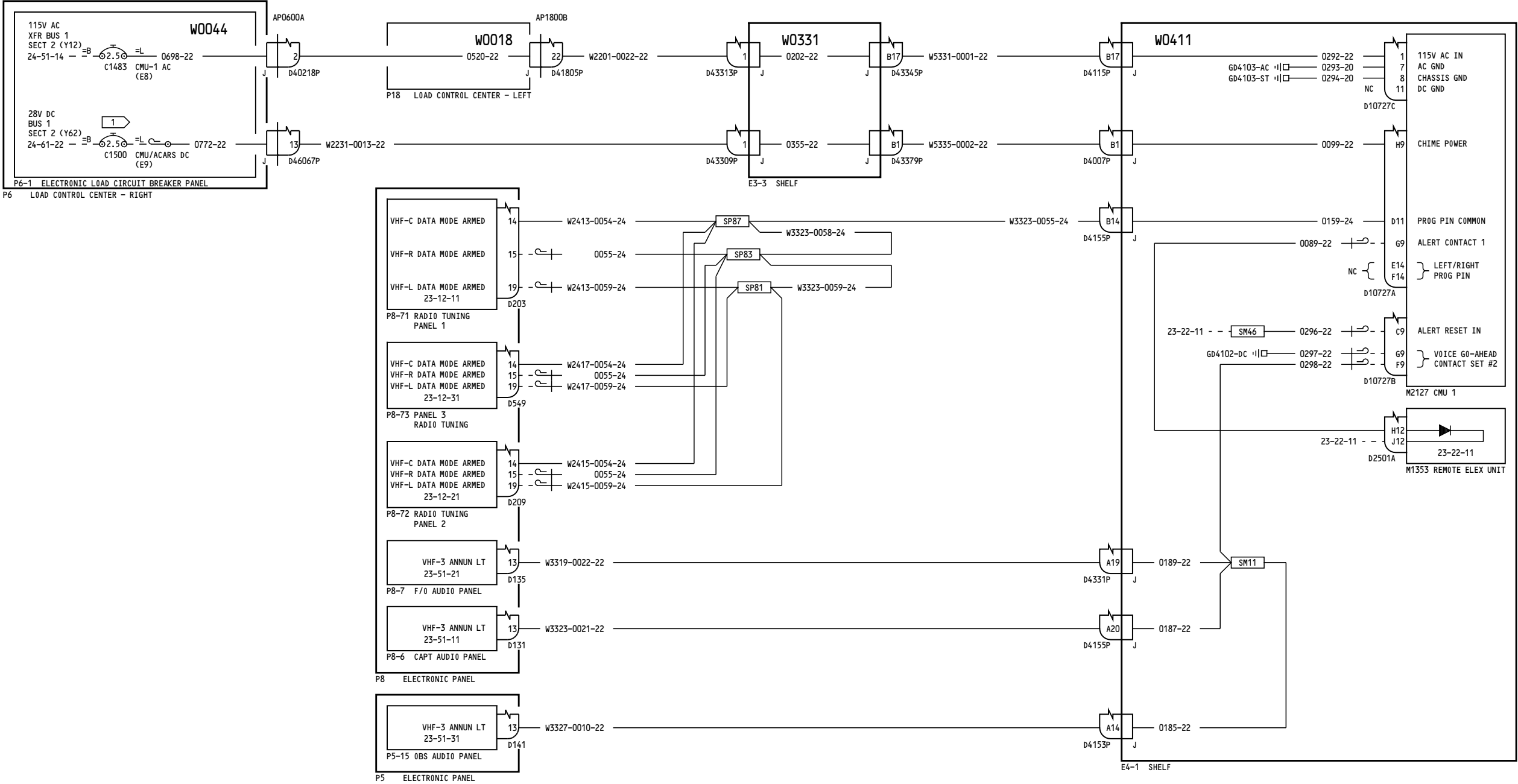
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NOTES:

1 COLLAR AND LABEL INOP

YT104-YT133

CMU POWER & CONTROL

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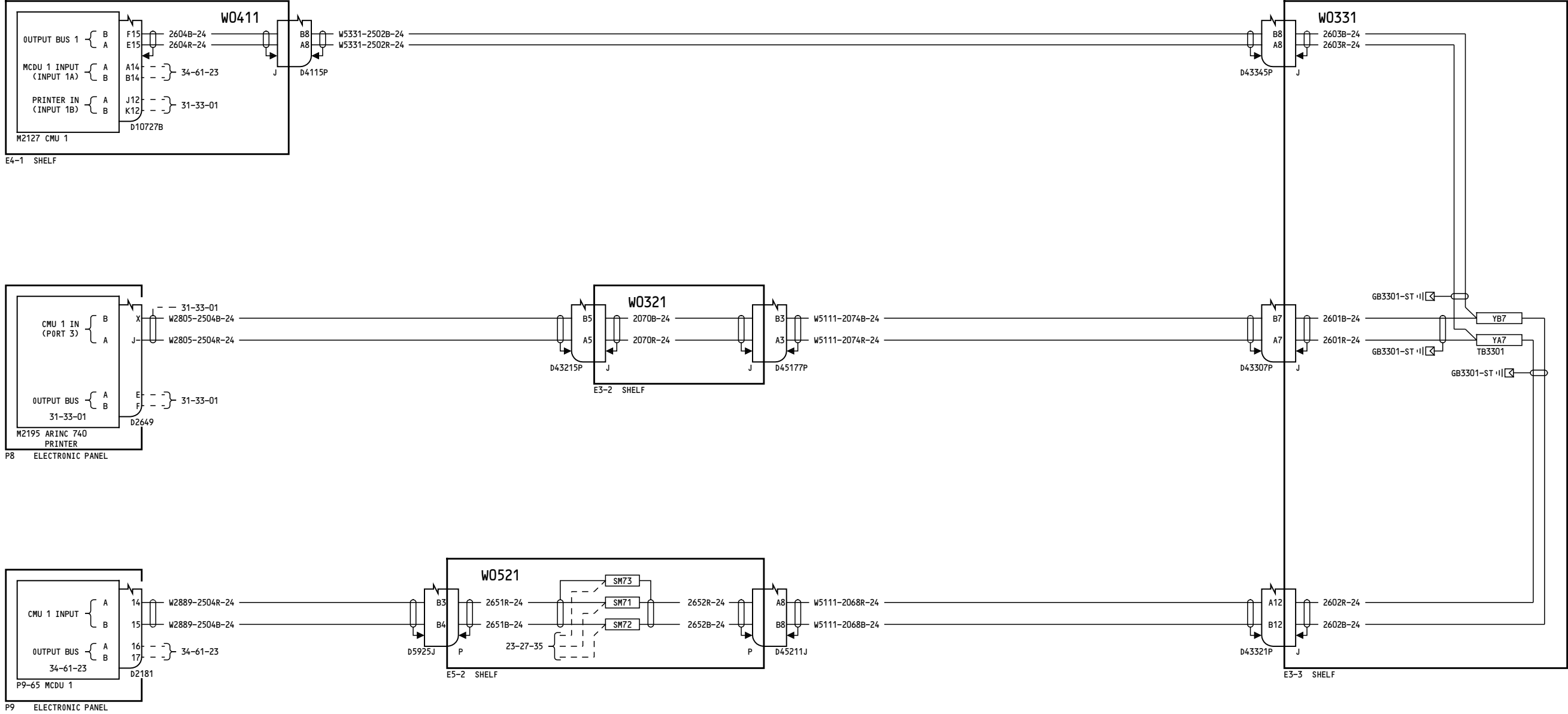
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YT101-YT103

CMU OUTPUT 1 INTERFACES -
FMC 1/MCDU 1/PRINTER

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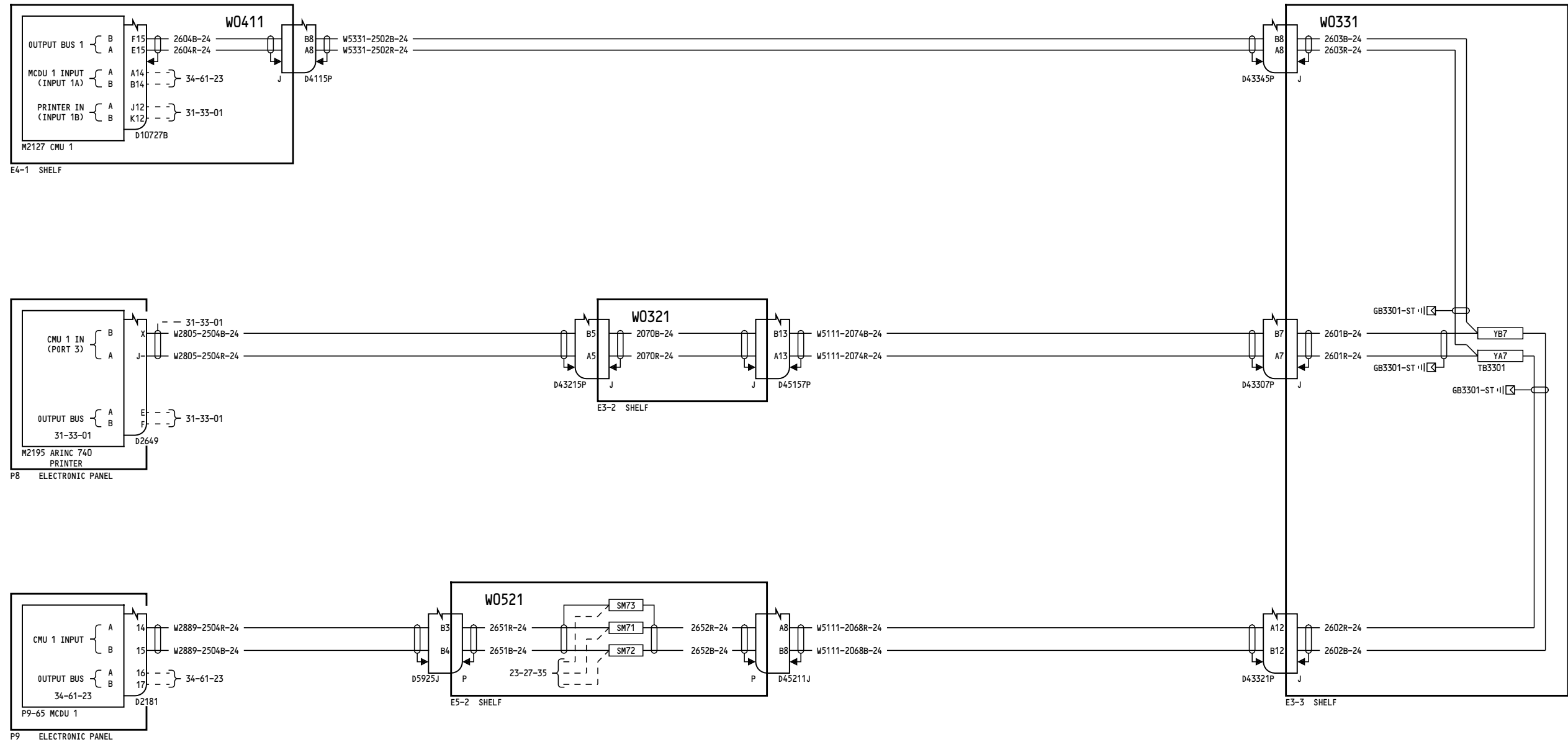
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YT104-YT133

CMU OUTPUT 1 INTERFACES -
FMC 1/MCDU 1/PRINTER

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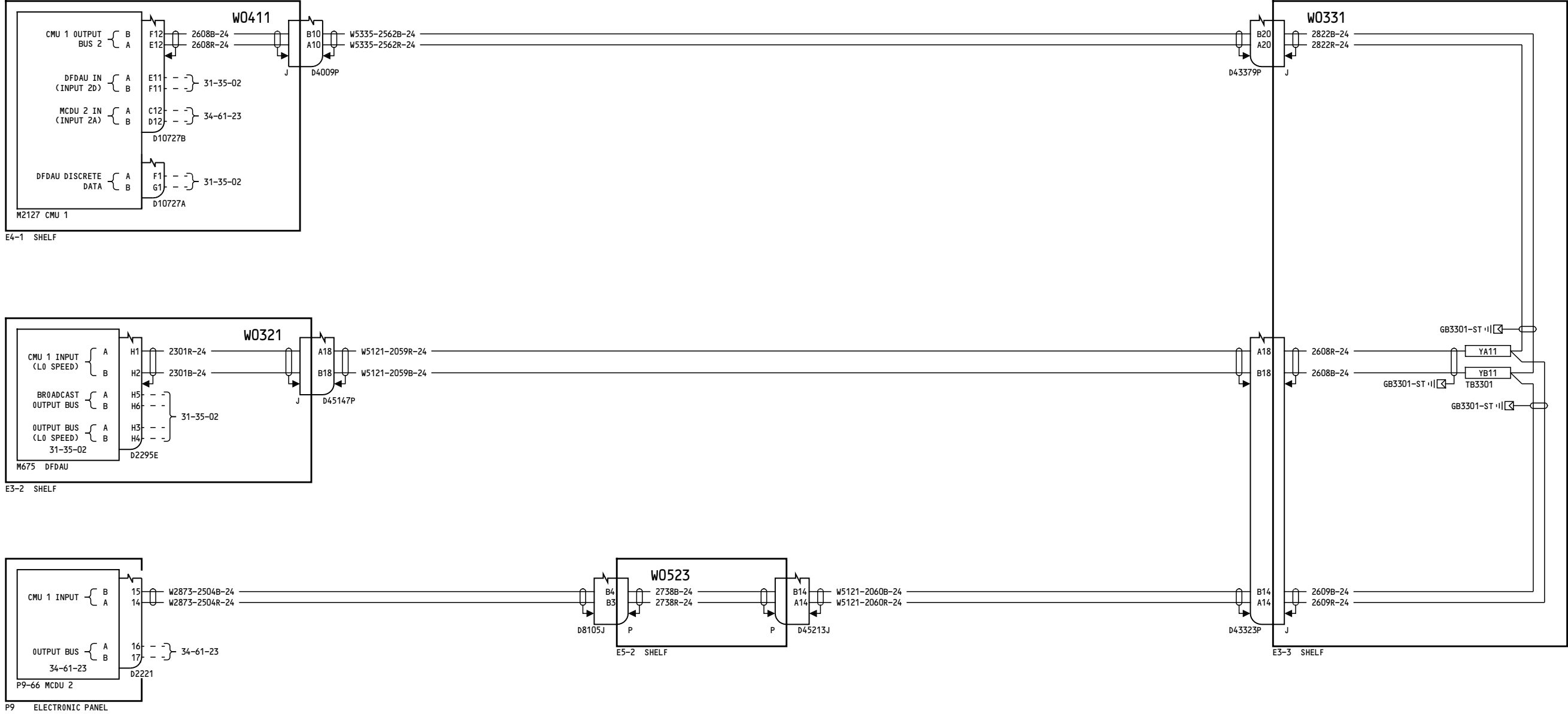
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ALL

CMU OUTPUT 2 INTERFACES -
FMC 2/MCDU 2/DFDAU/MIDU

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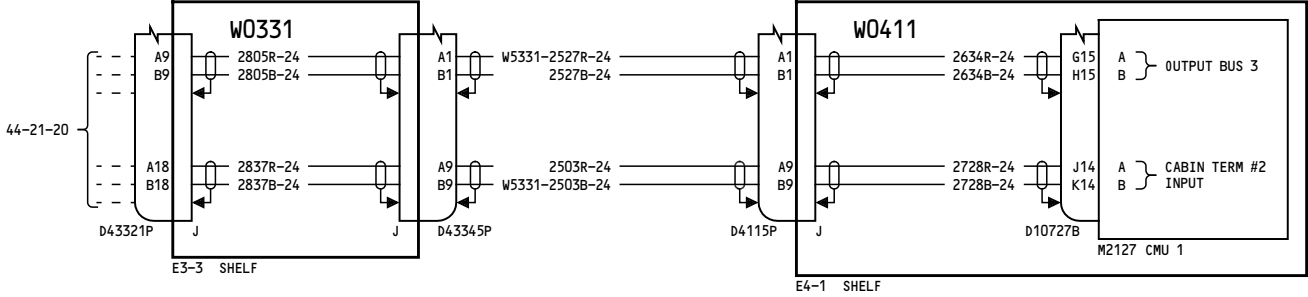
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YT101-YT120

**OUTPUT BUS 3 INTERFACES -
CABIN TERMINALS**

D280A351

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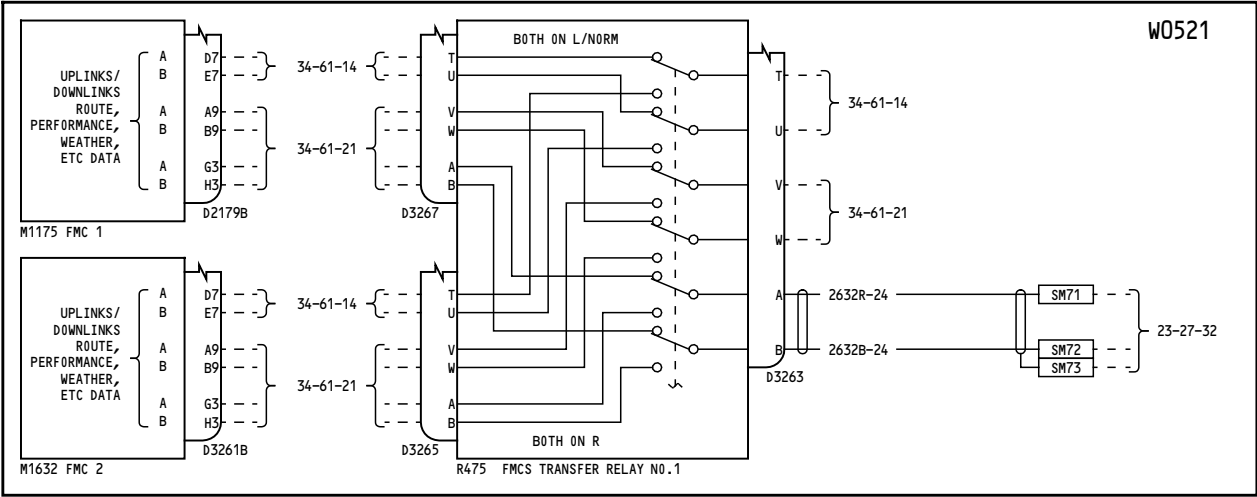
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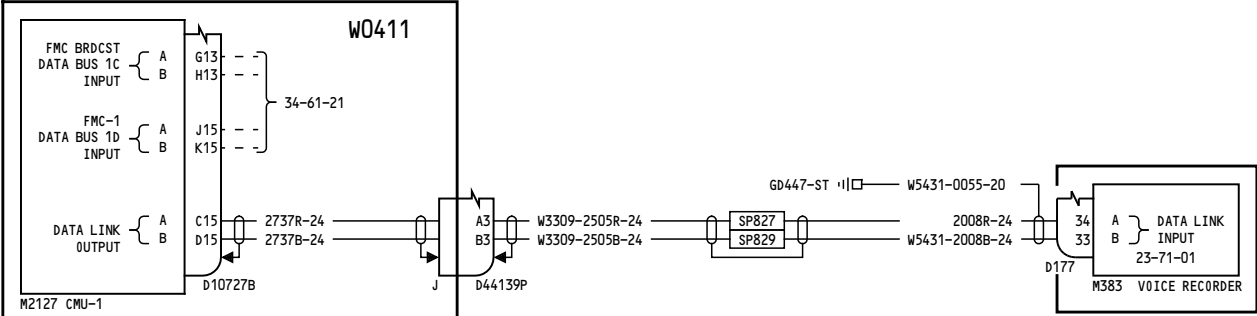
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E5-2 SHELF



E4-1 SHELF

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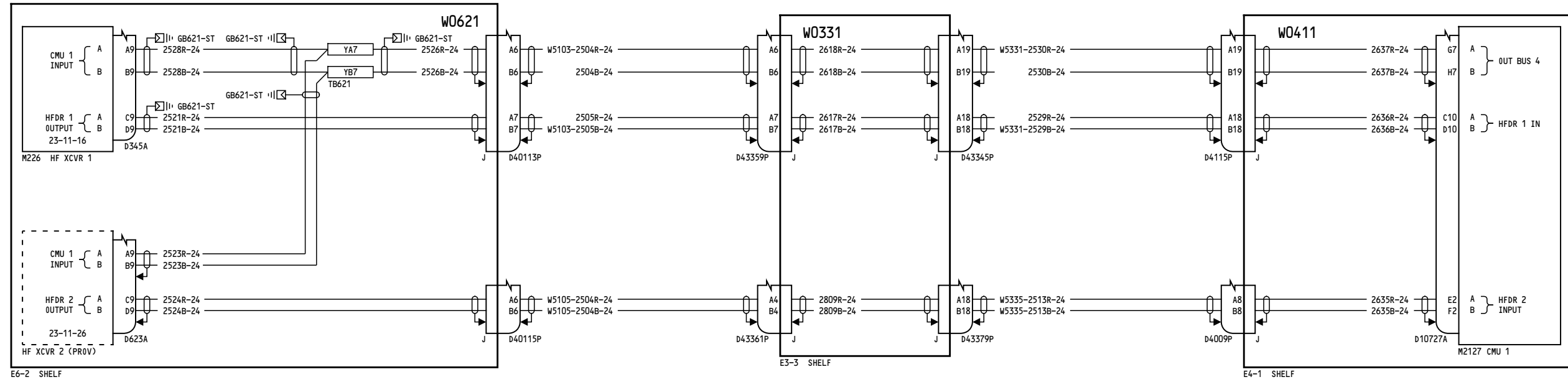
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YT101-YT105	CMU OUTPUT 4 INTERFACES - SATCOM/HF
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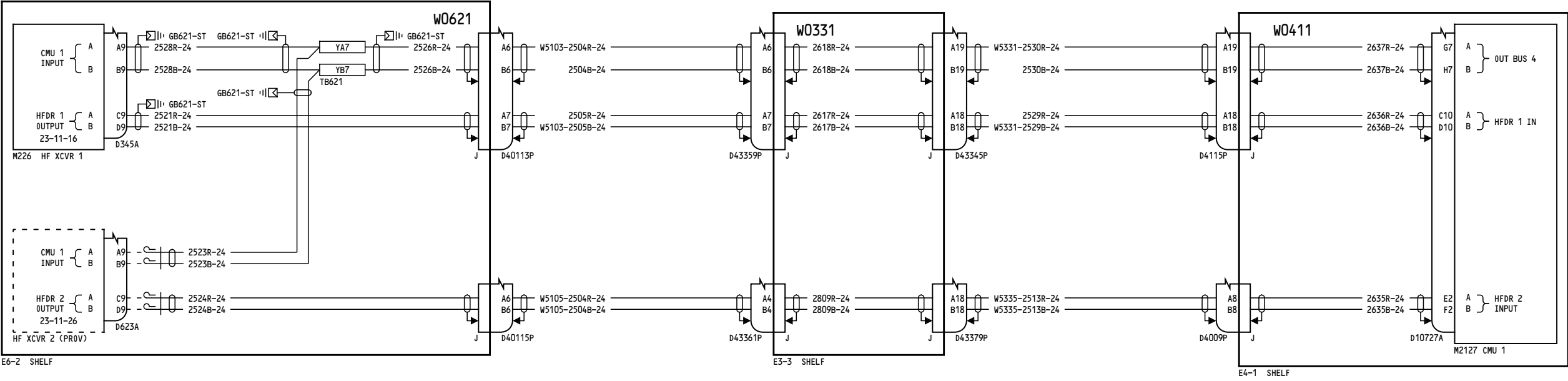
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YT106-YT133

CMU OUTPUT 4 INTERFACES -
SATCOM/HF

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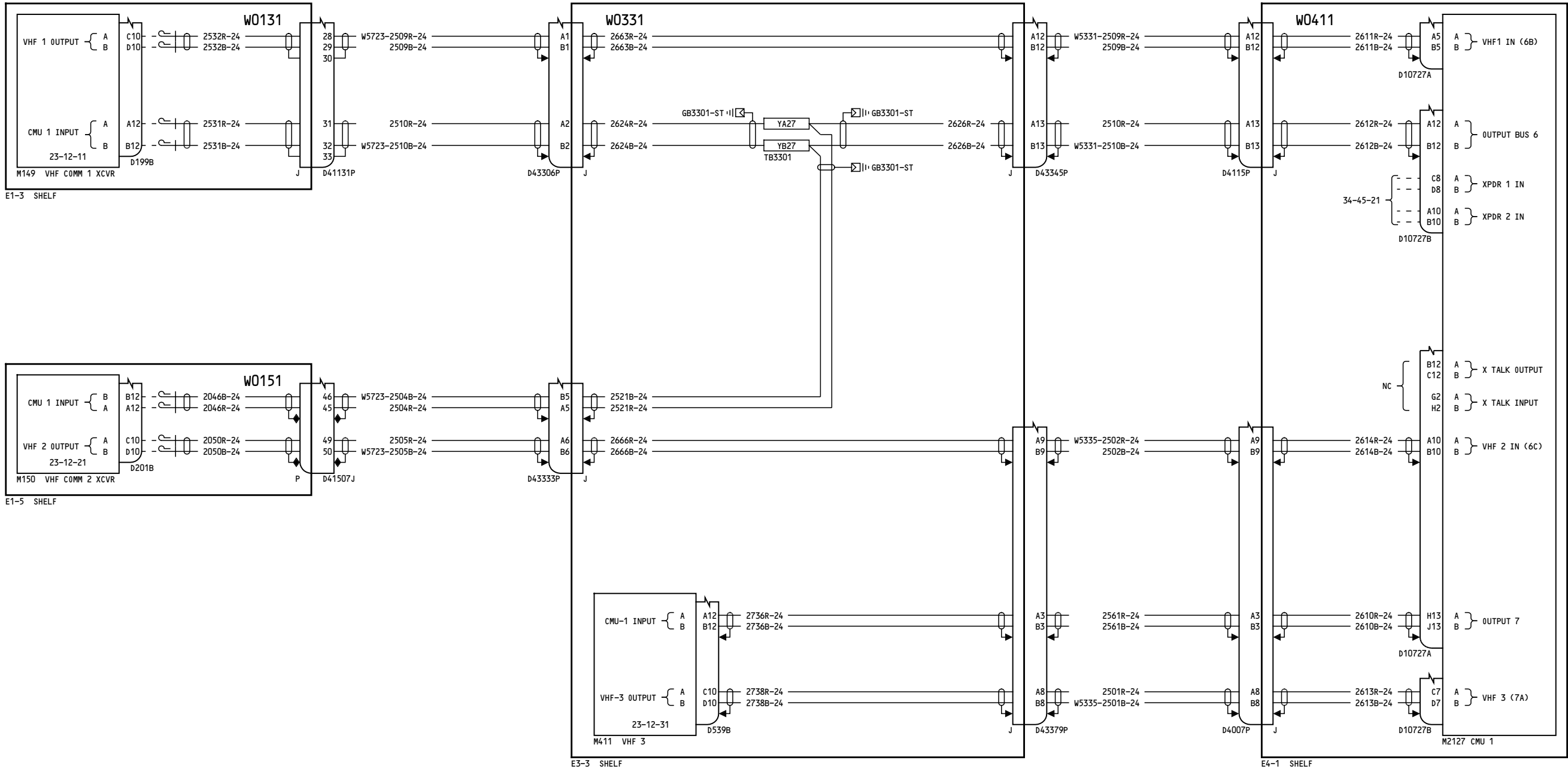
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CMU OUTPUT 6/7 INTERFACES
- COMMUNICATIONS

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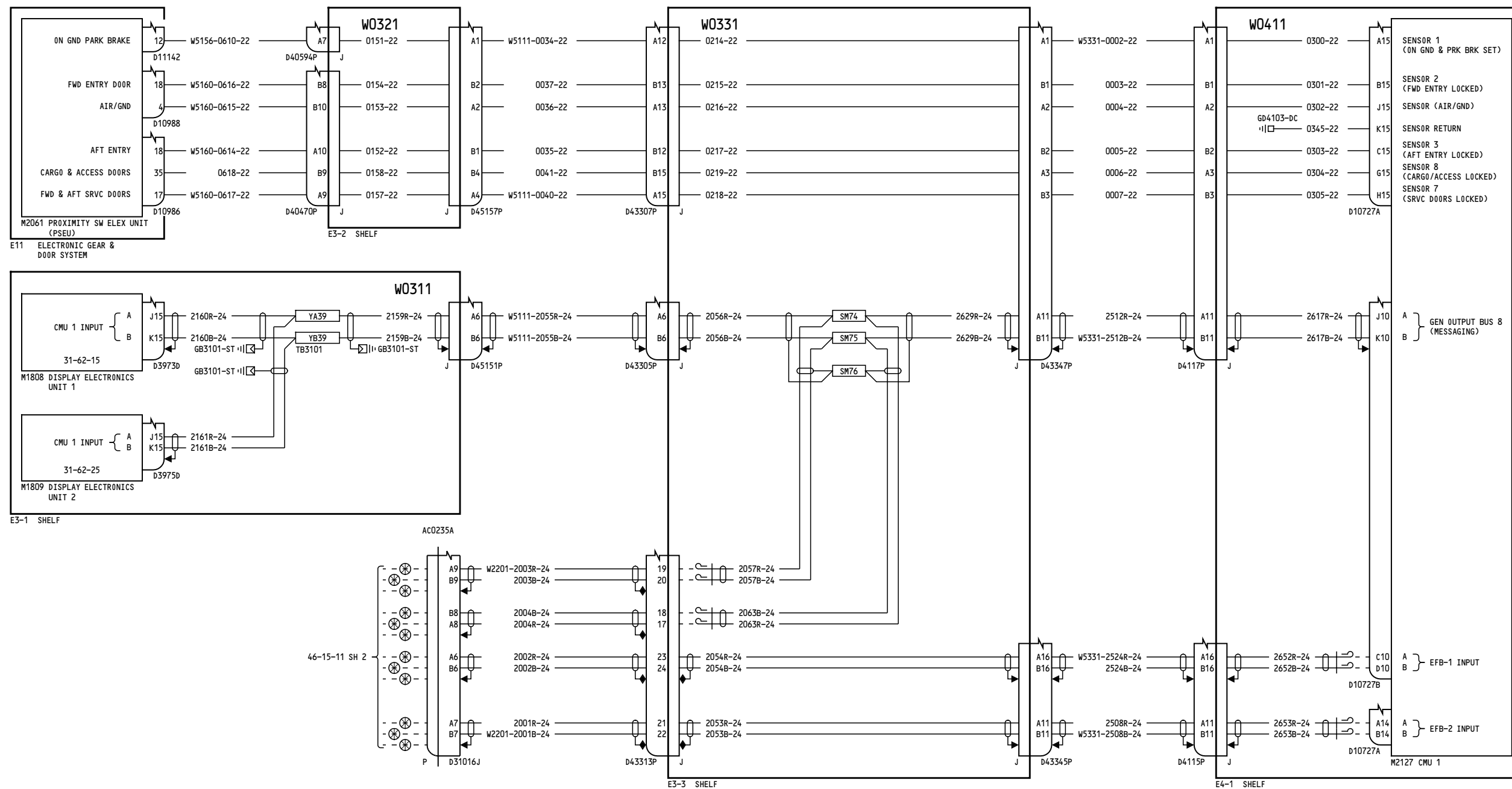
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YT101-YT103

**CMU 000I, CREW ADVISORIES
AND OUTPUT 8**

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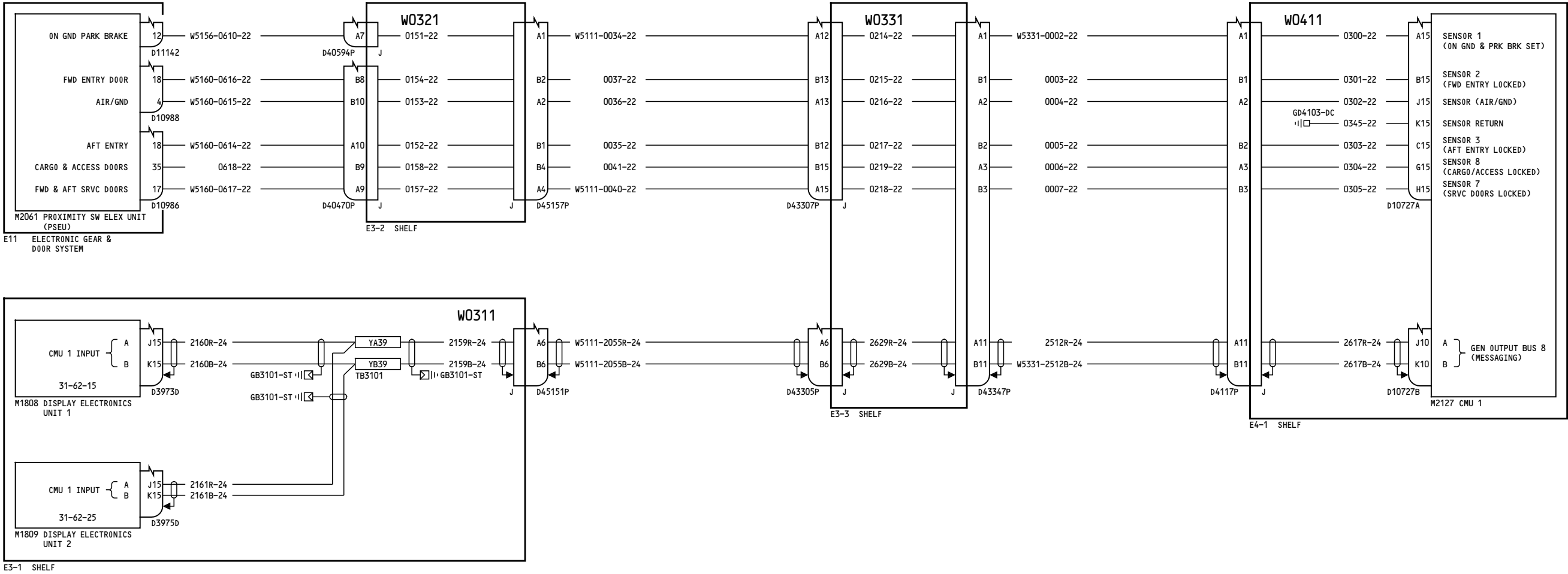


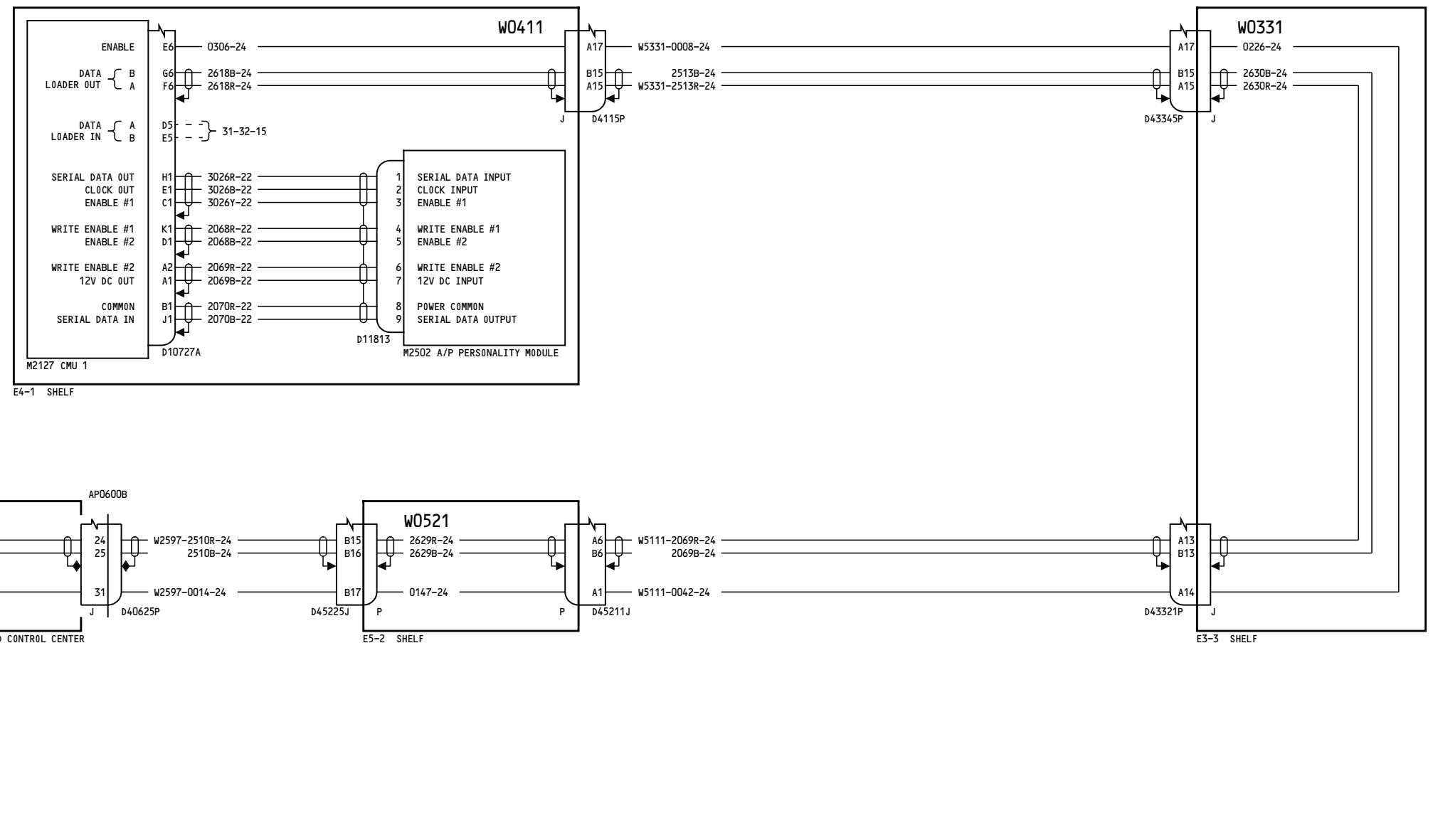
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**CMU INTERFACES -
DATA LOADER PROGRAM PINS**

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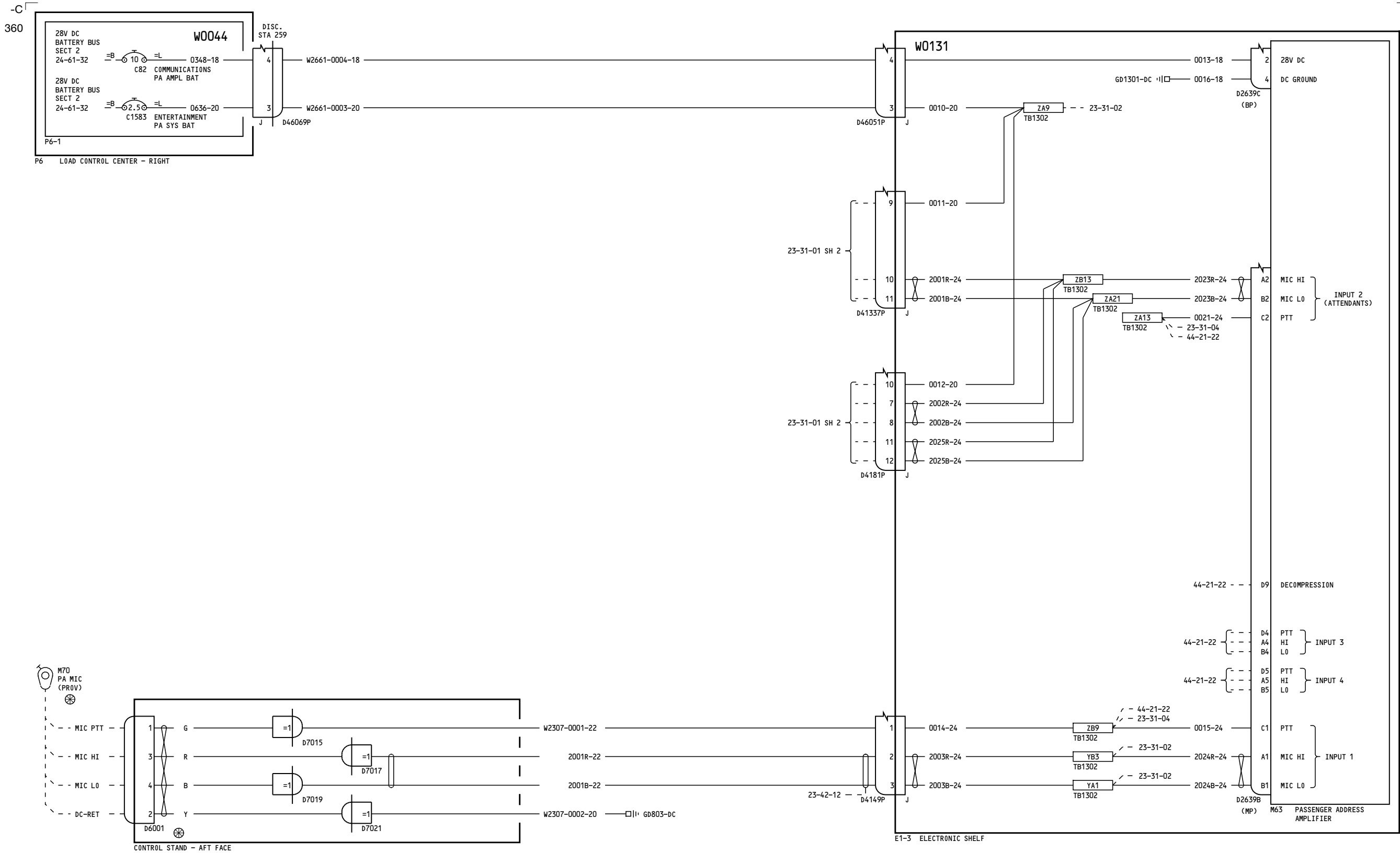
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YT101-YT106

PASSENGER ADDRESS ATTENDANTS PANELS

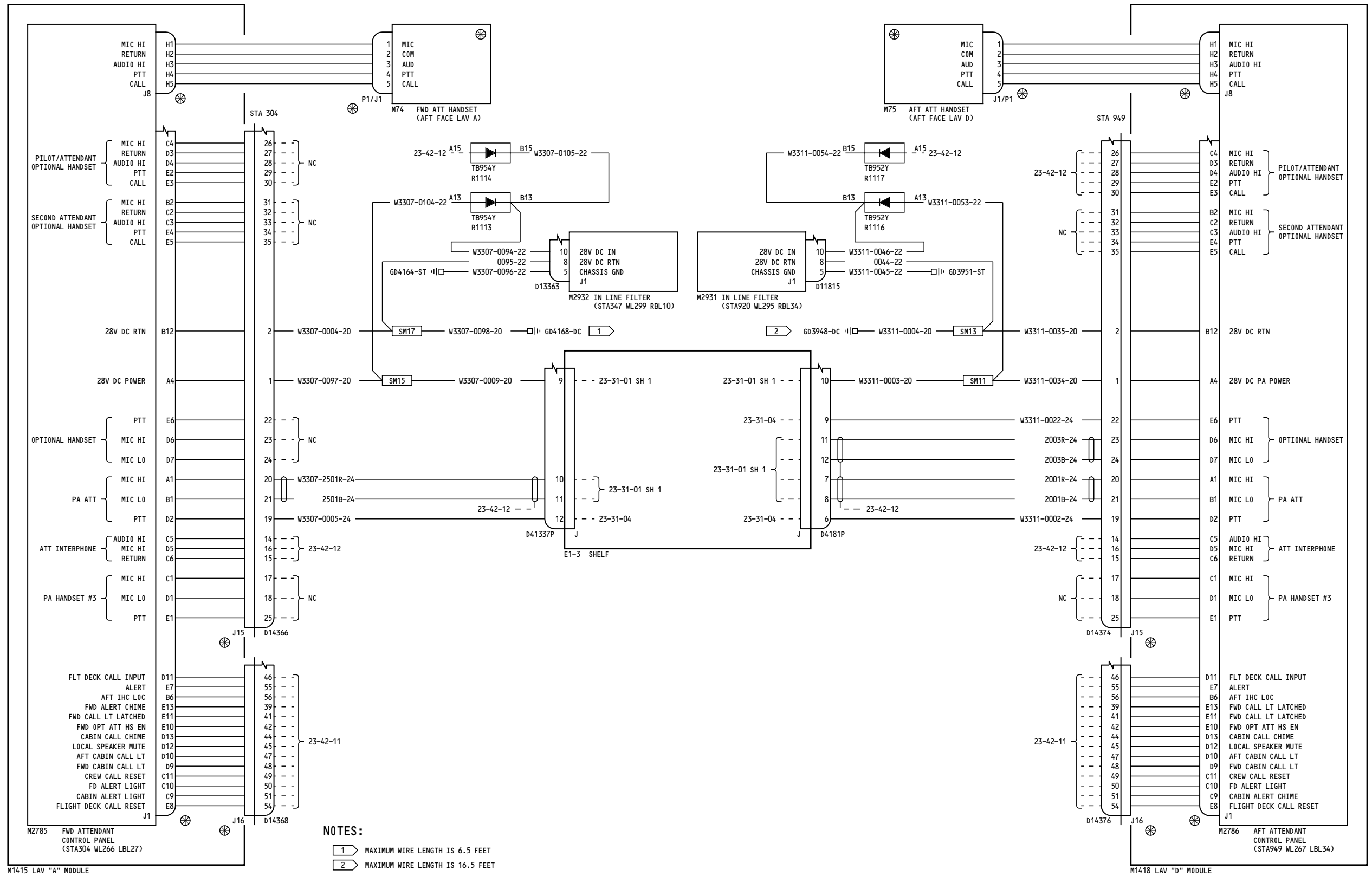
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YT101-YT106

PASSENGER ADDRESS ATTENDANTS PANELS

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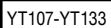
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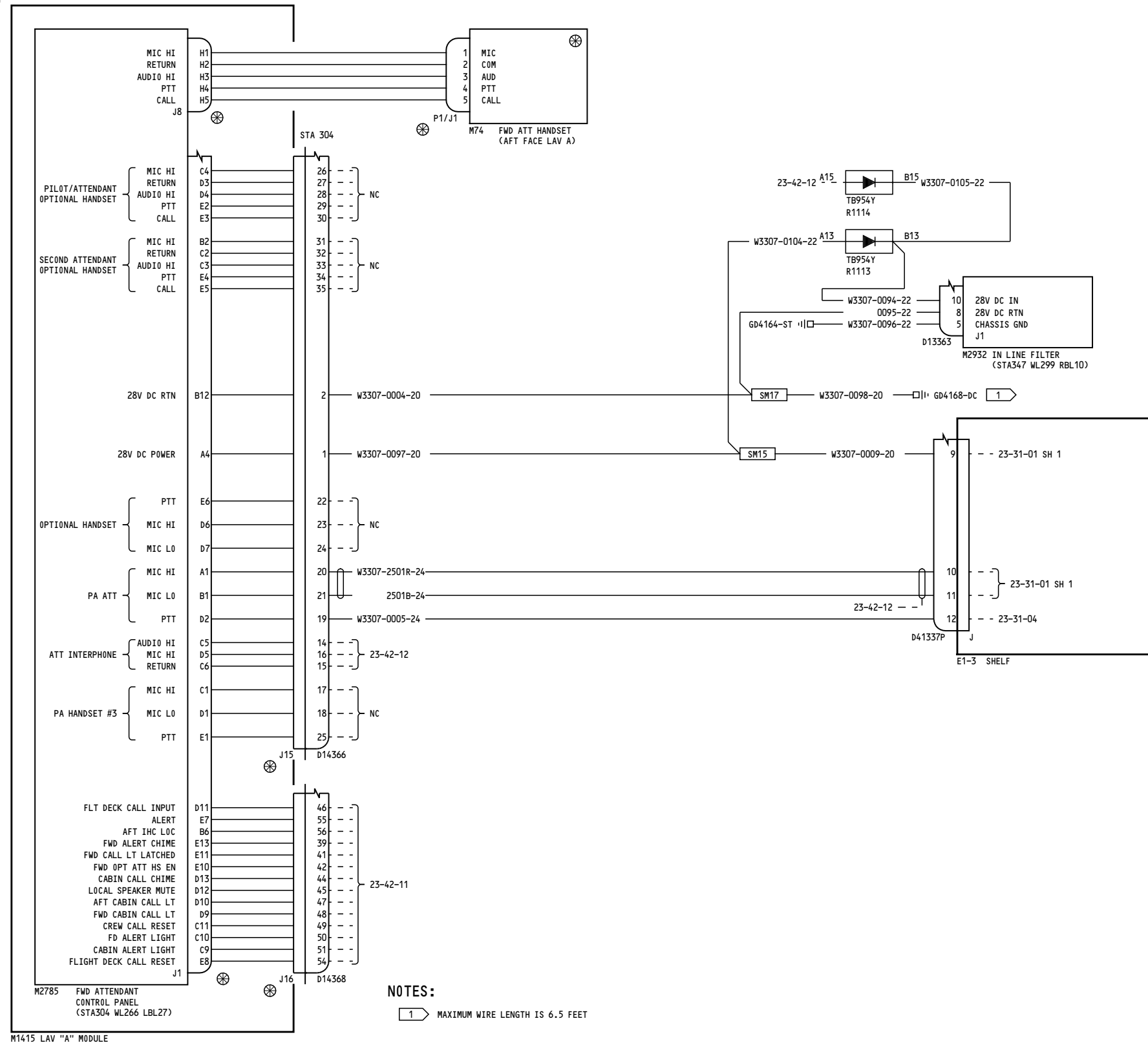
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M1415 LAV "A" MODULE

YT107-YT133

PASSENGER ADDRESS
ATTENDANTS PANELS

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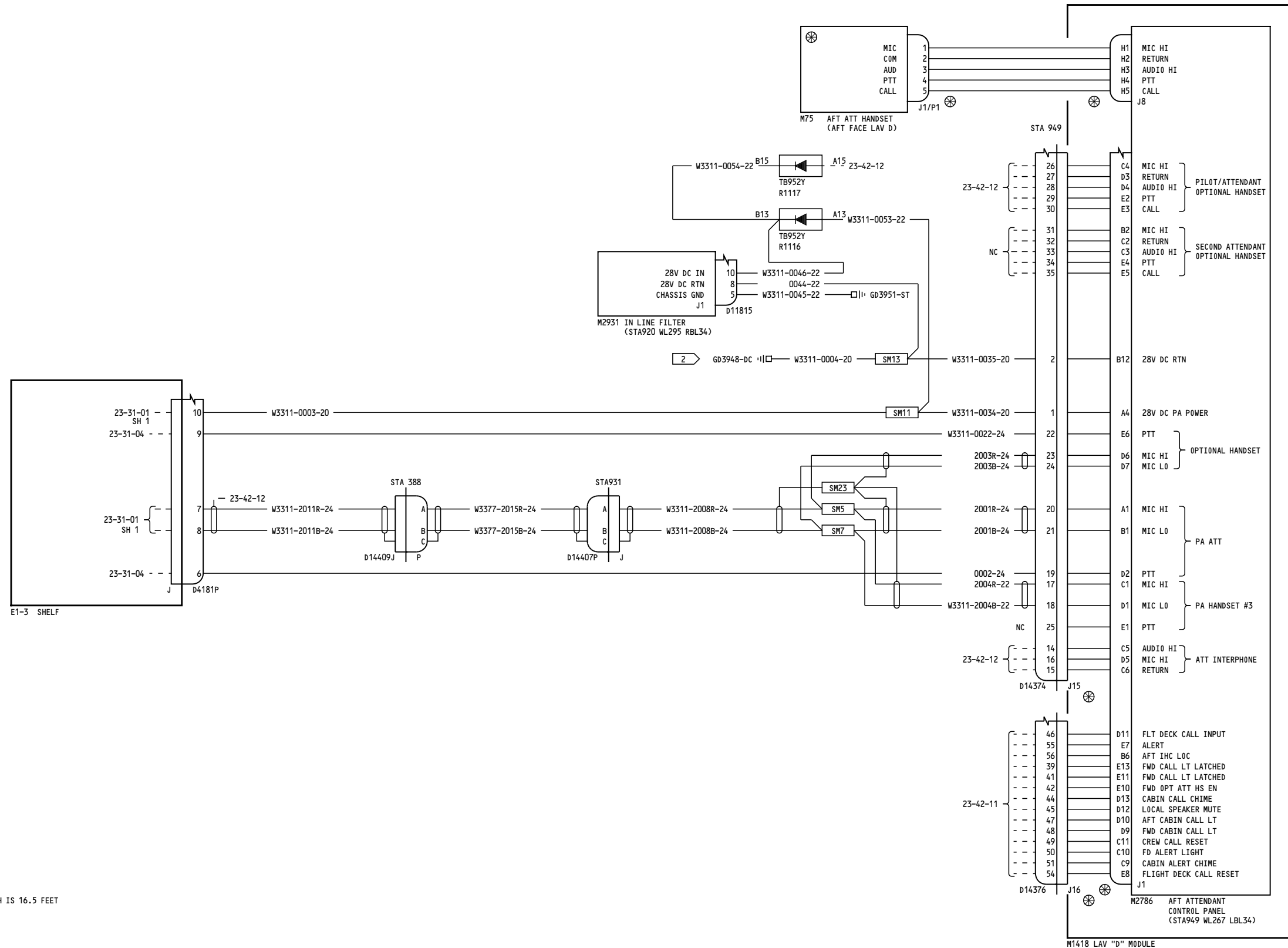
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NOTES:

2 MAXIMUM WIRE LENGTH IS 16.5 FEET

YT107-YT133

**PASSENGER ADDRESS
ATTENDANTS PANELS**

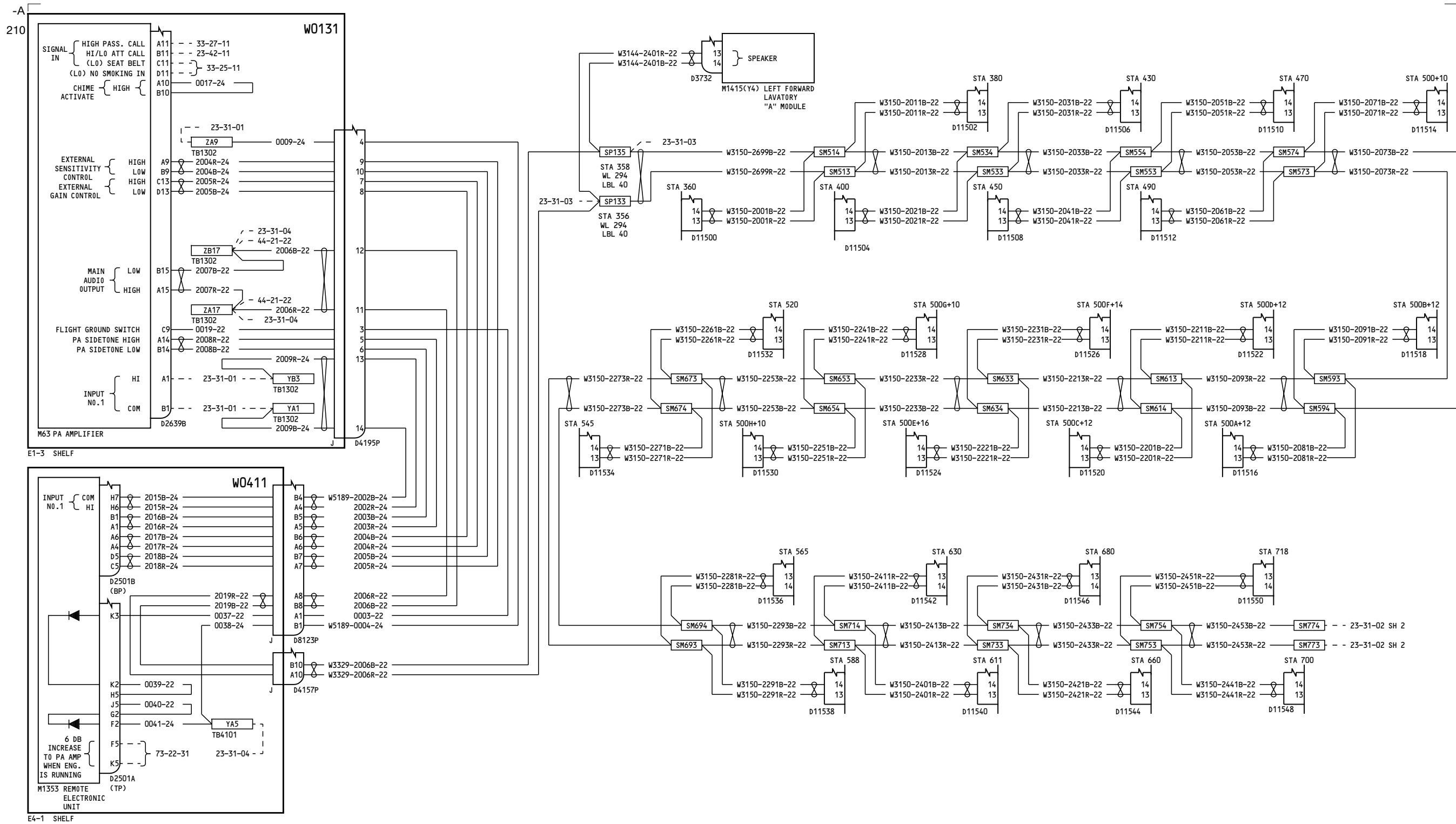
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ALL

PASSENGER ADDRESS
AND ENTERTAINMENT
LEFT SIDE

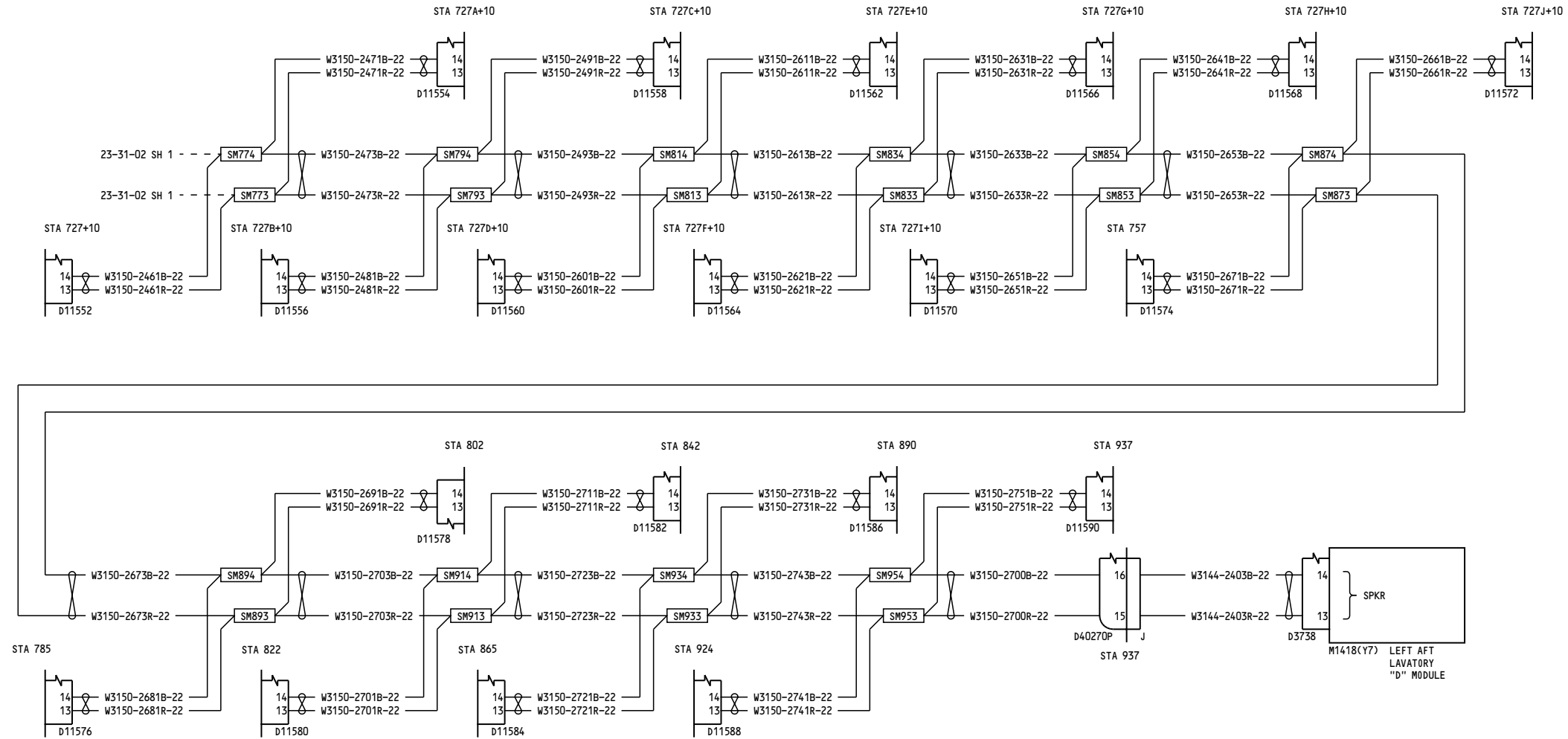
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ALL

**PASSENGER ADDRESS
AND ENTERTAINMENT
LEFT SIDE**

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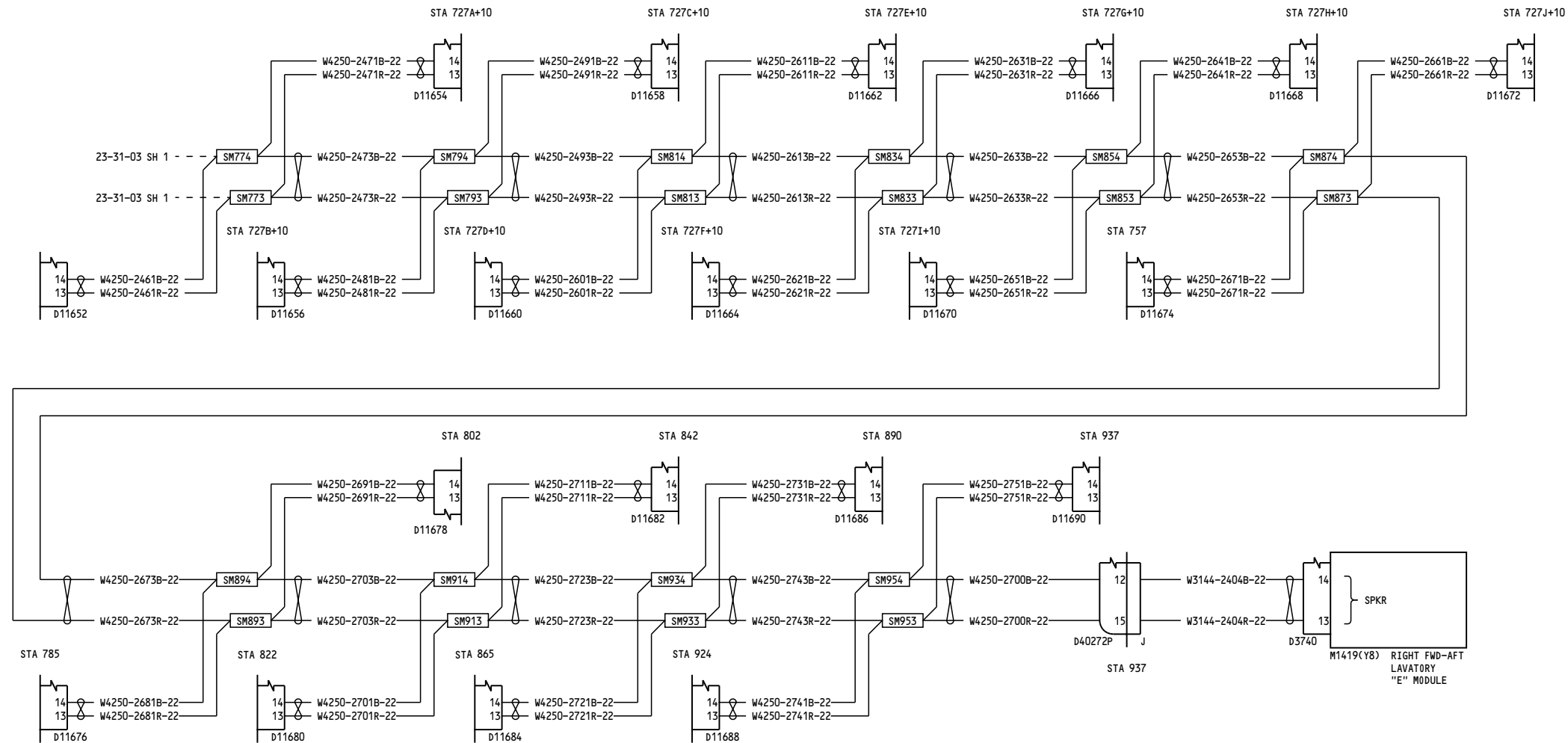
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ALL

PASSENGER ADDRESS
AND ENTERTAINMENT
RIGHT SIDE

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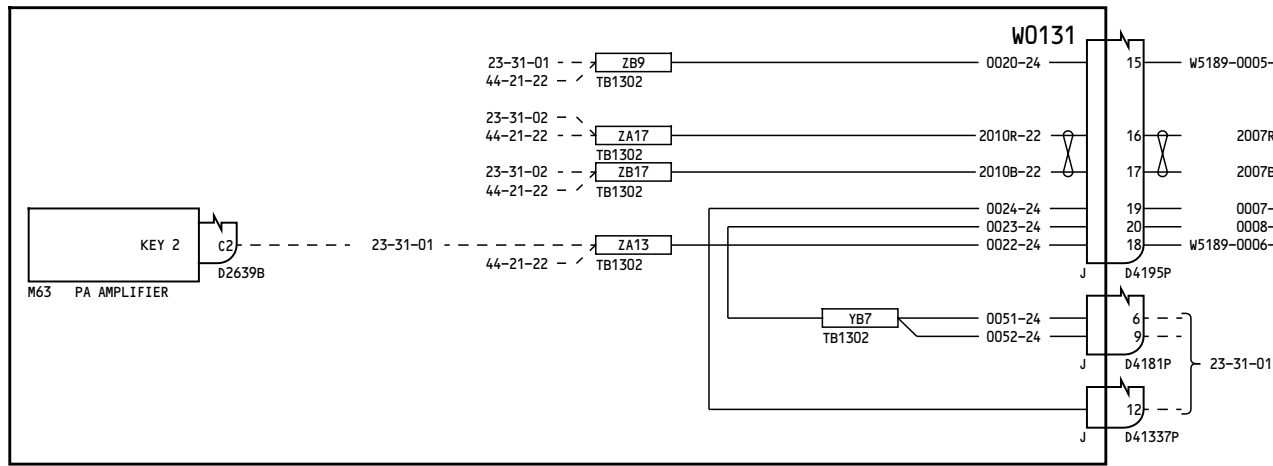
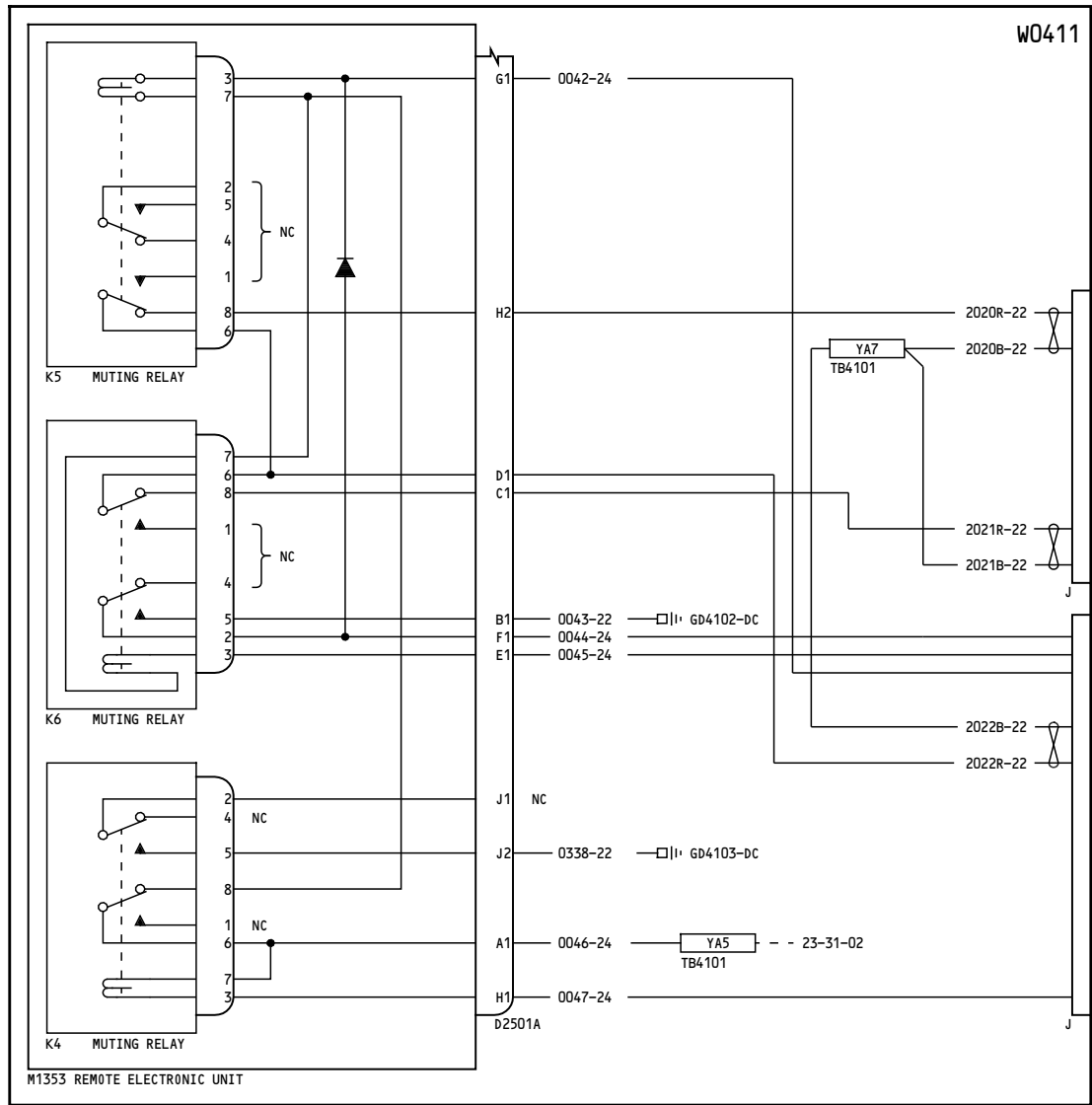
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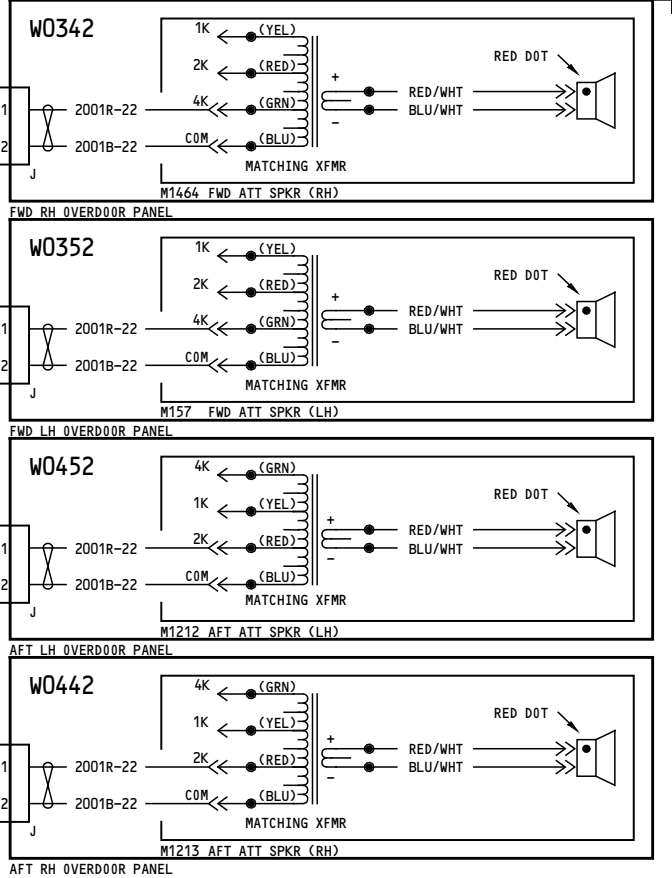


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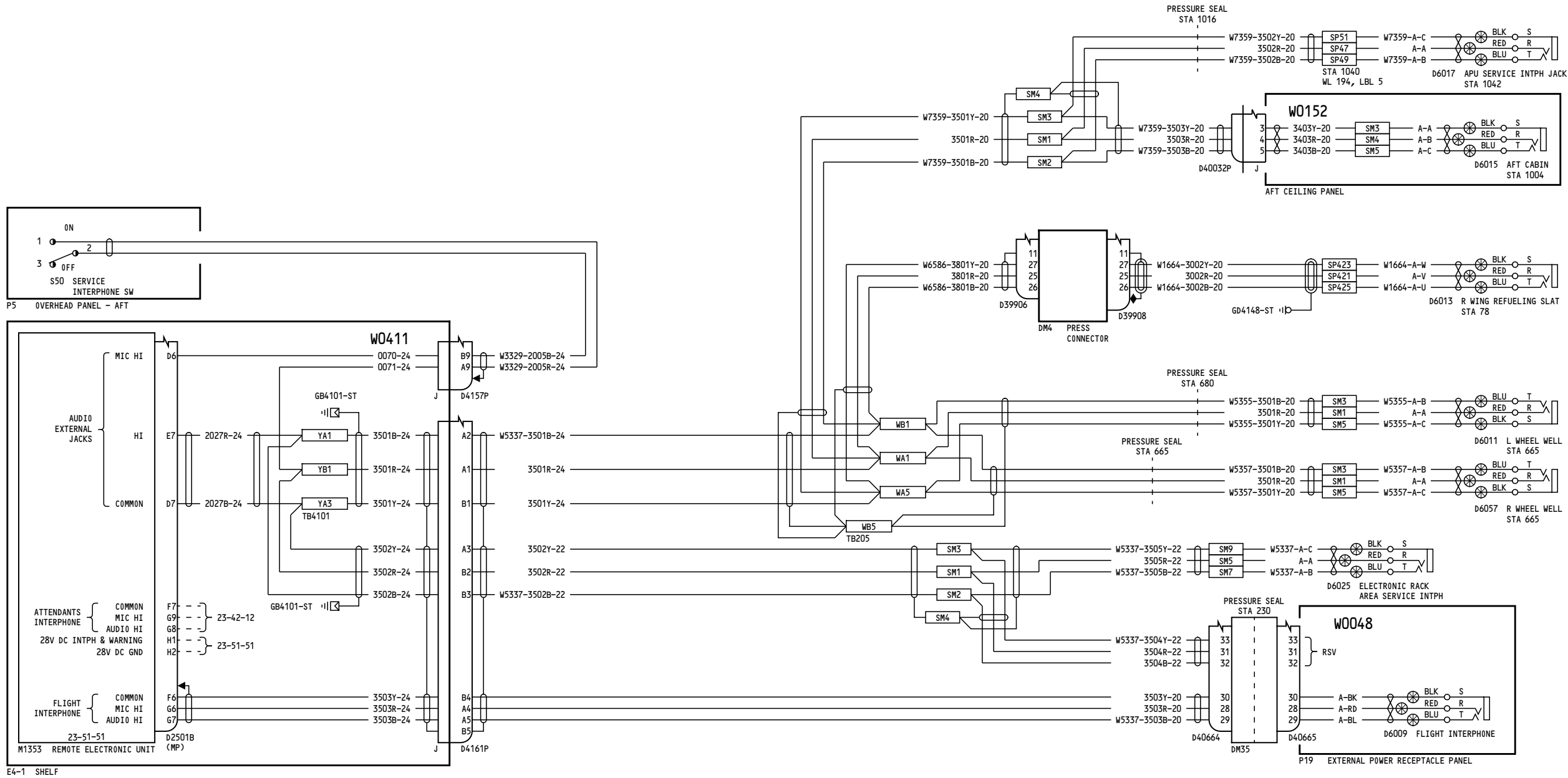
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ALL	SERVICE INTERPHONE JACKS
	D280A351

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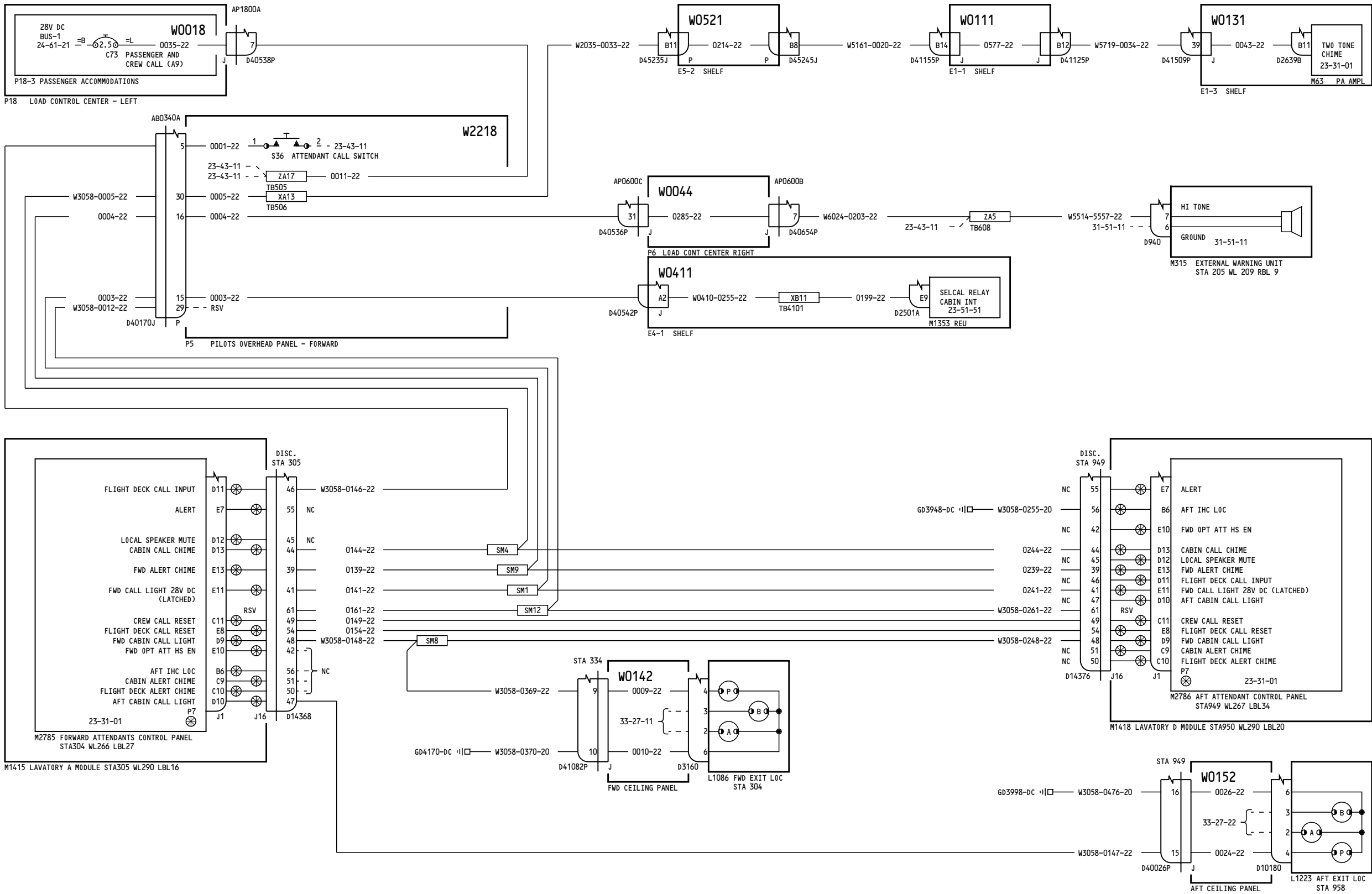
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YT101-YT105, YT126-YT129

CABIN INTERPHONE

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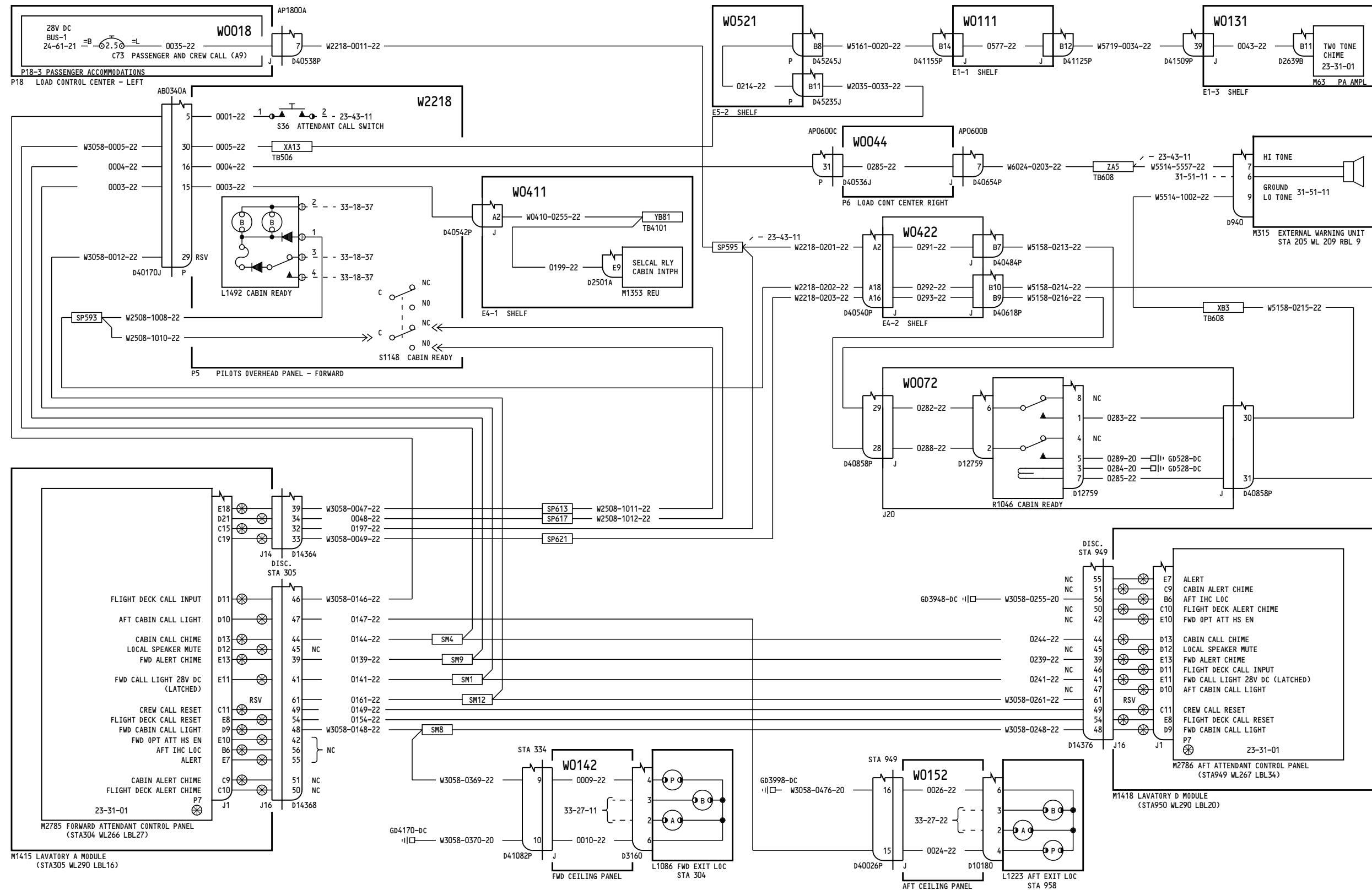
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YT106-YT120

CABIN INTERPHONE

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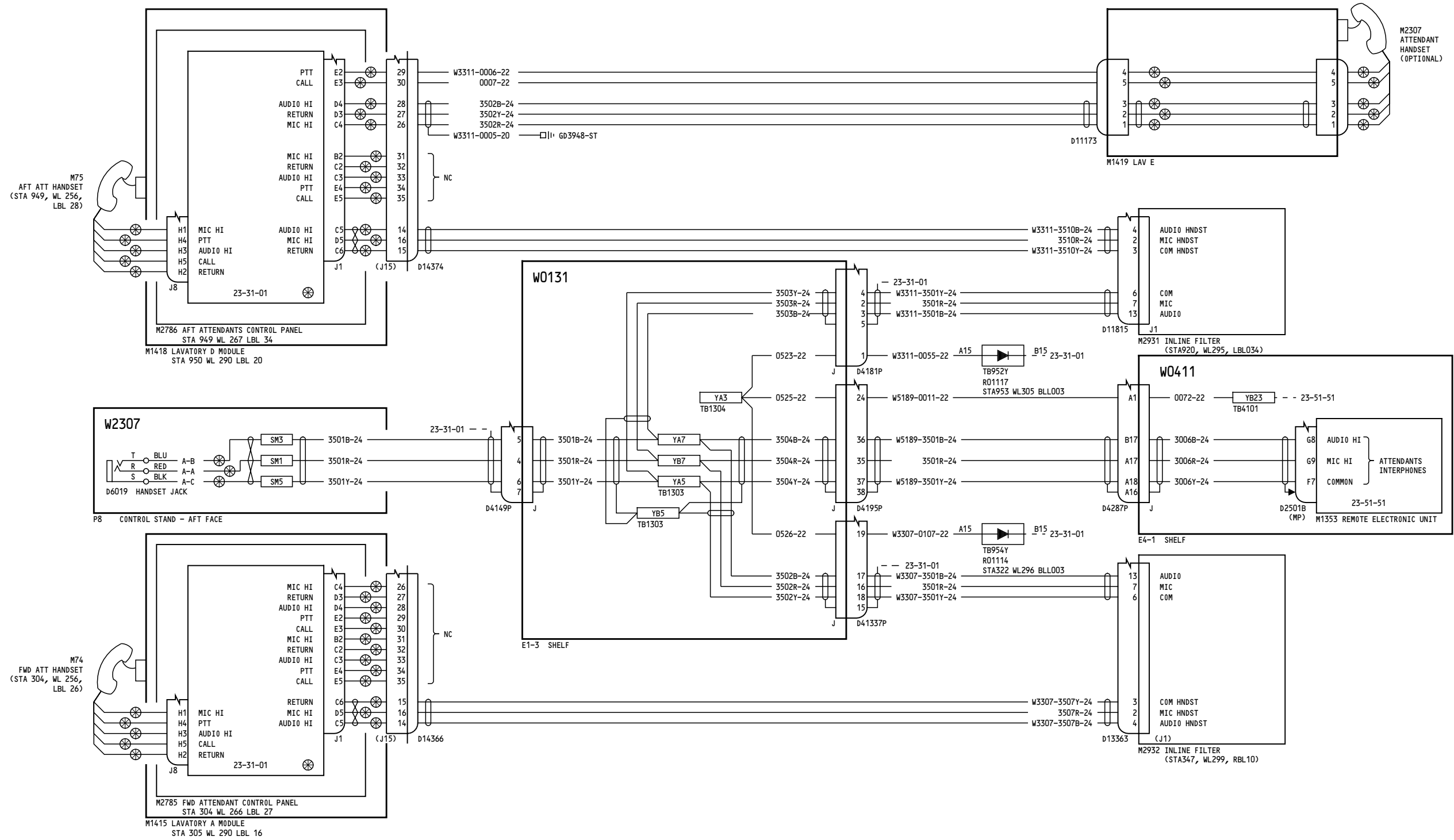
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**CABIN INTERPHONE -
ATTENDANT HANDSETS**

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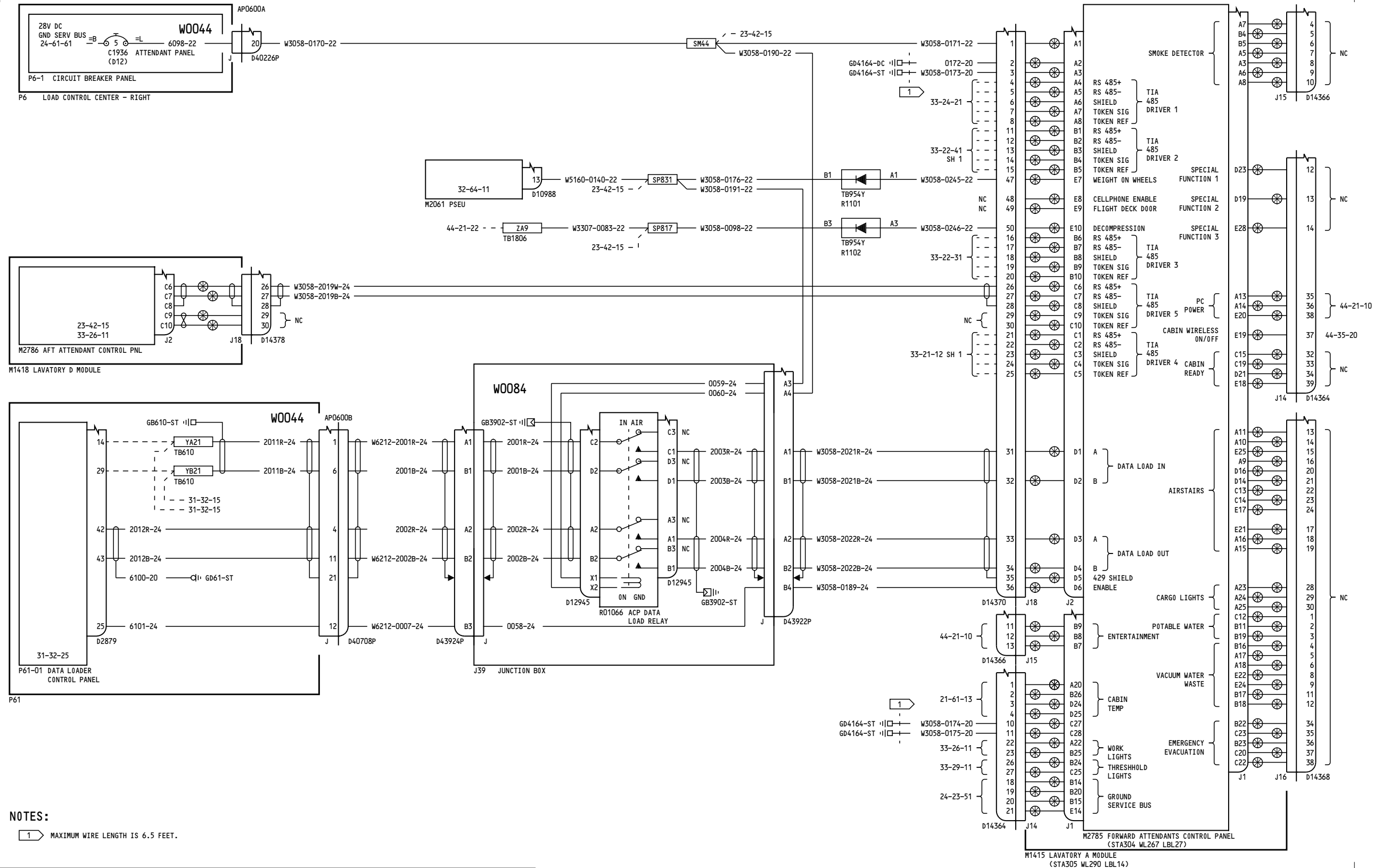
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109



NOTES:

- MAXIMUM WIRE LENGTH IS 6.5 FEET.

YT101-YT105

FORWARD ATTENDANT CONTROL PANEL

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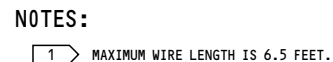
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FORWARD ATTENDANT CONTROL PANEL

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NOTES:

1 MAXIMUM WIRE LENGTH IS 6.5 FEET.

YT119-YT120

FORWARD ATTENDANT CONTROL PANEL

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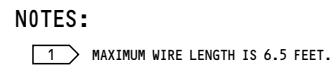
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FORWARD ATTENDANT CONTROL PANEL

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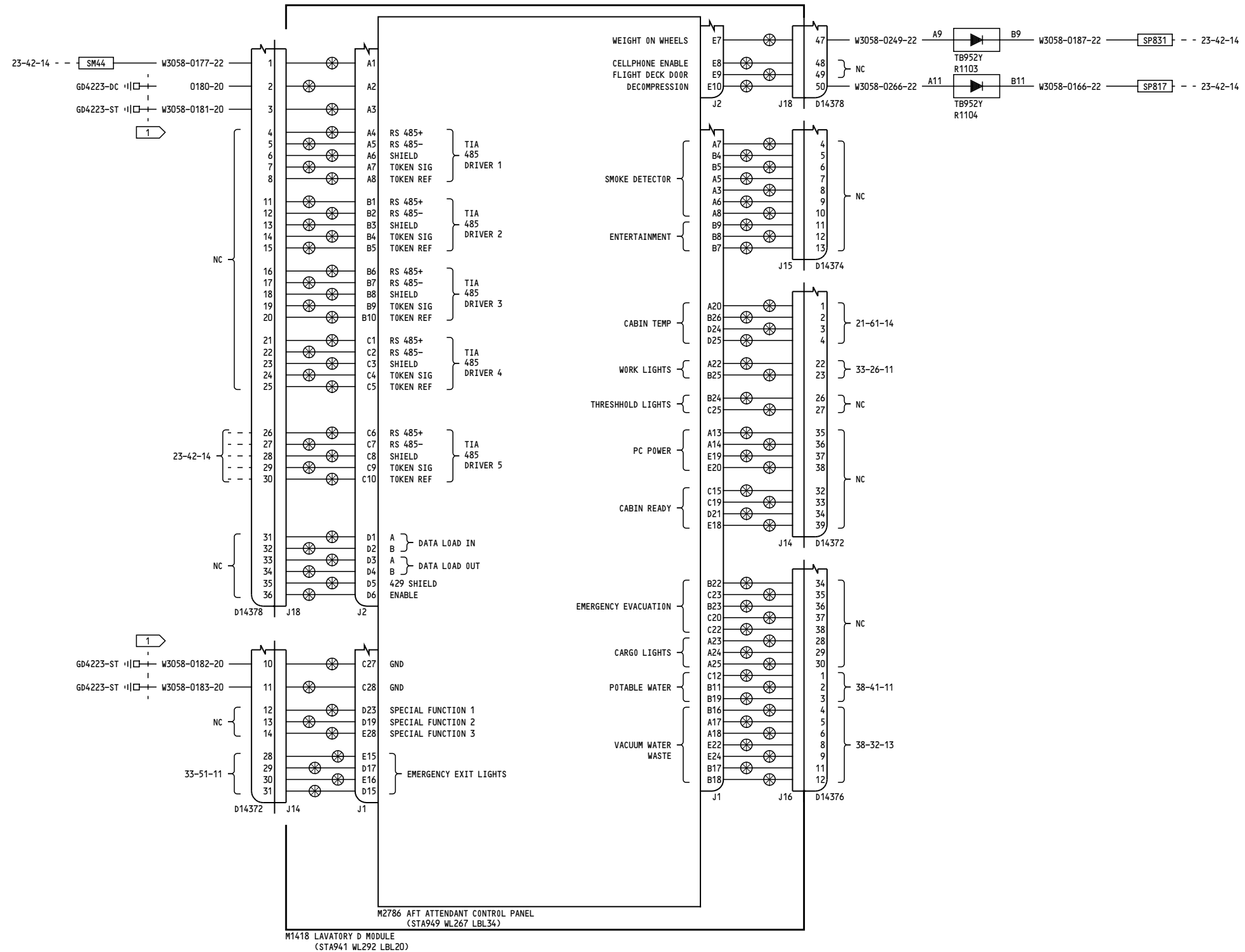
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NOTES:

1 MAXIMUM WIRE LENGTH IS 6.5 FEET.

ALL

**AFT ATTENDANT
CONTROL PANEL**

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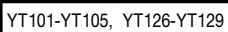
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GROUND CREW CALL

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May 15/2015

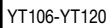
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May 15/2015

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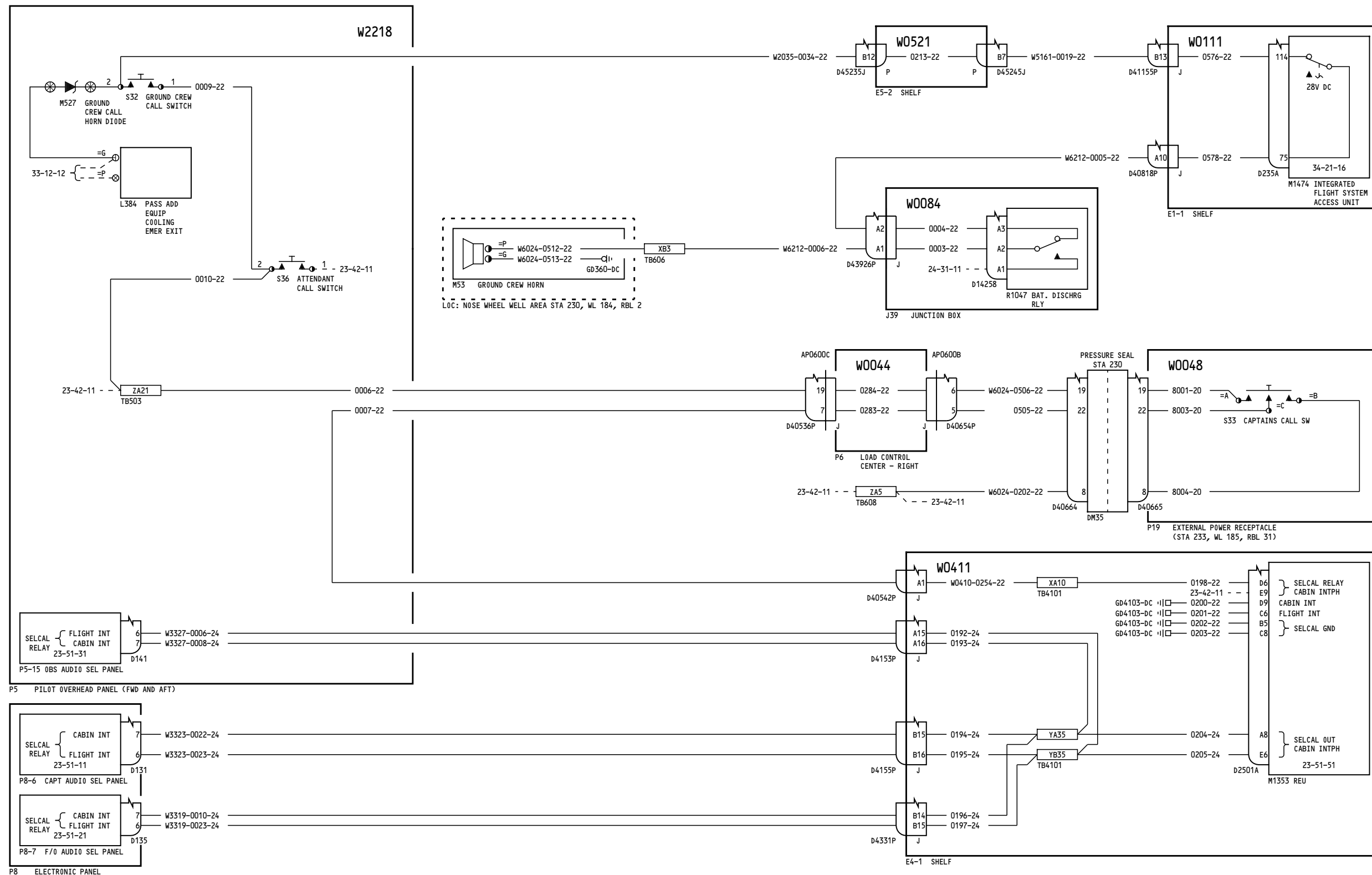
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Mar 14/2016

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Mar 14/2016



YT130-YT133

GROUND CREW CALL

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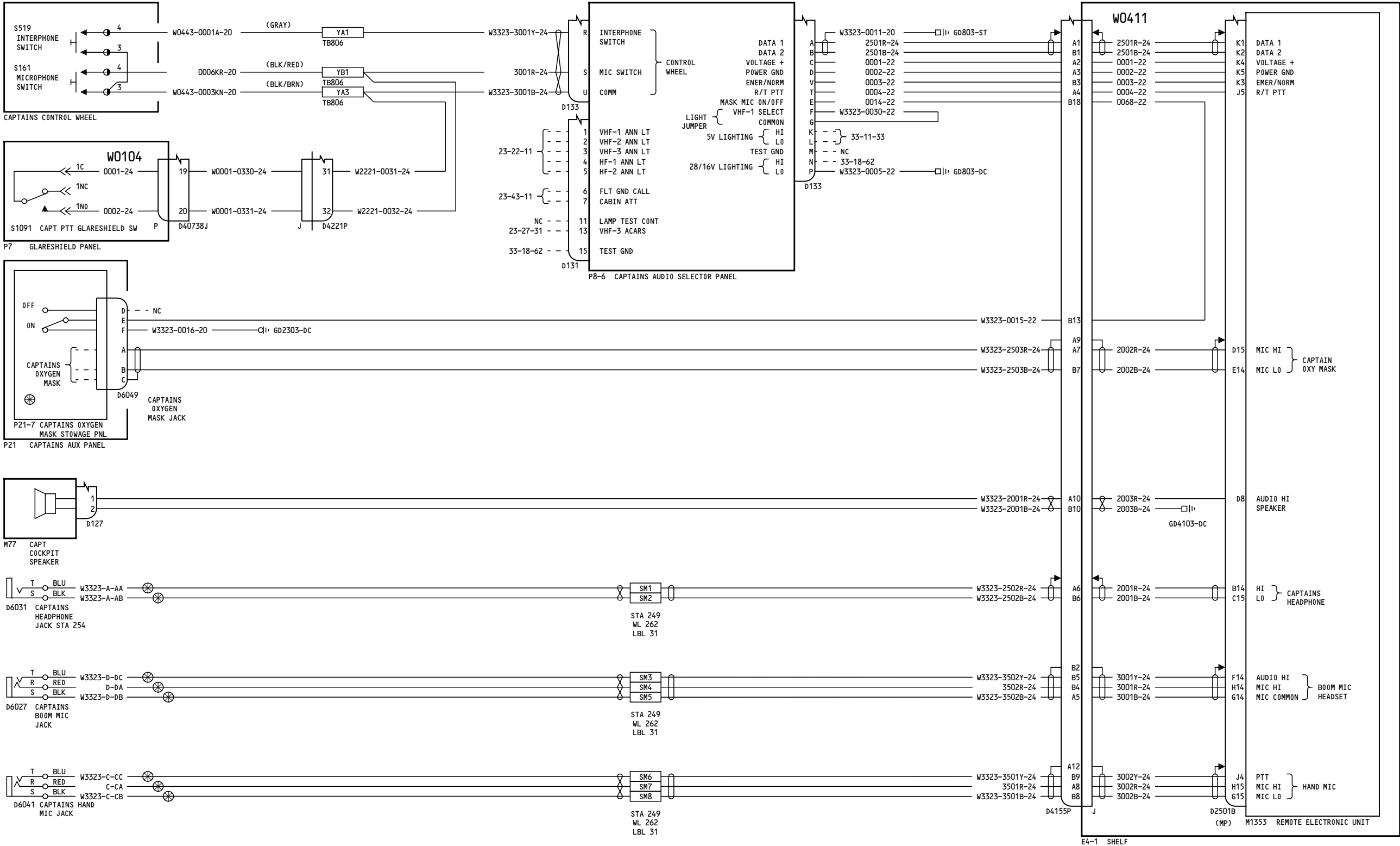
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ALL

AUDIO INTEGRATING
CAPTAIN

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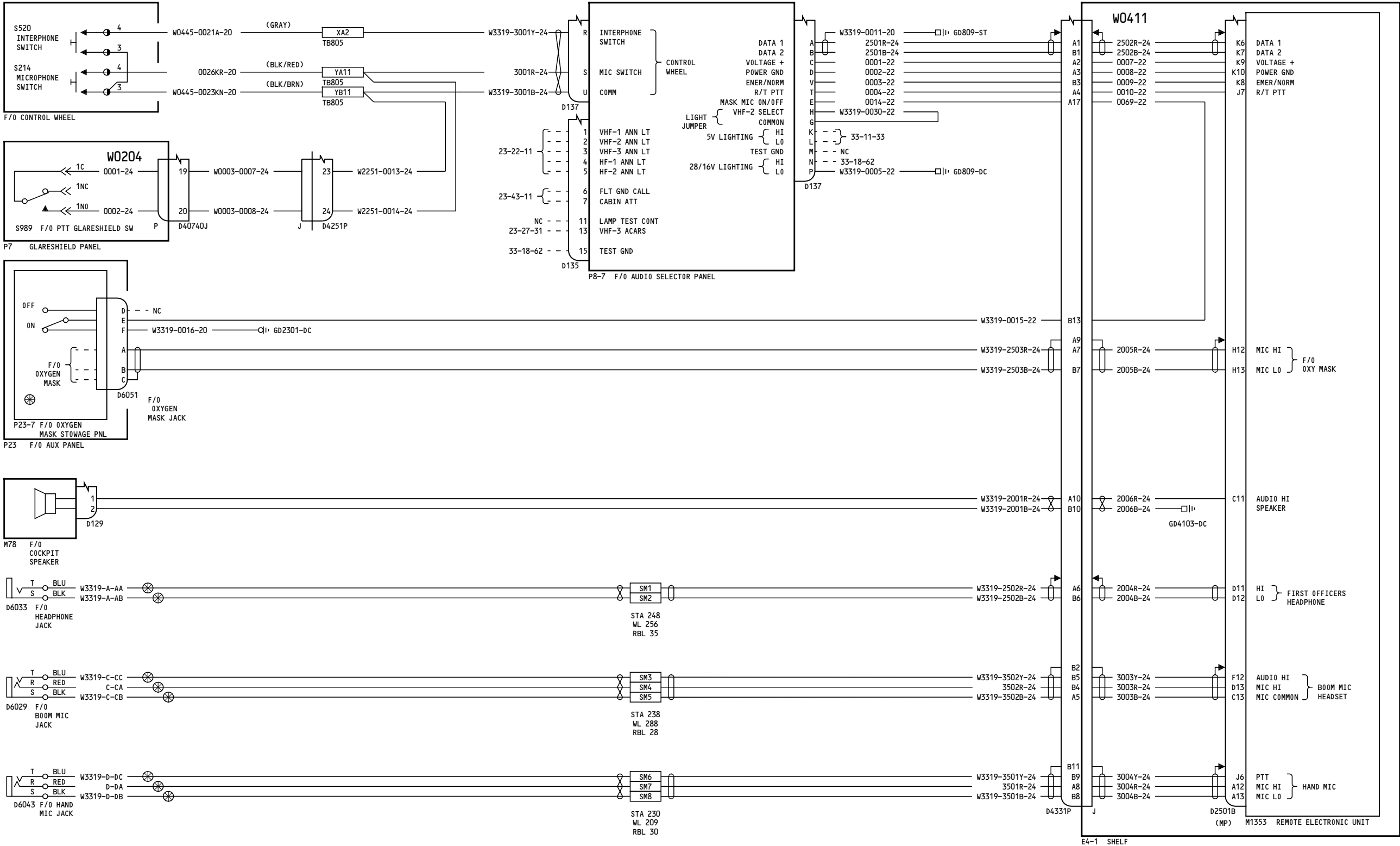
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**AUDIO INTEGRATING
FIRST OFFICER**

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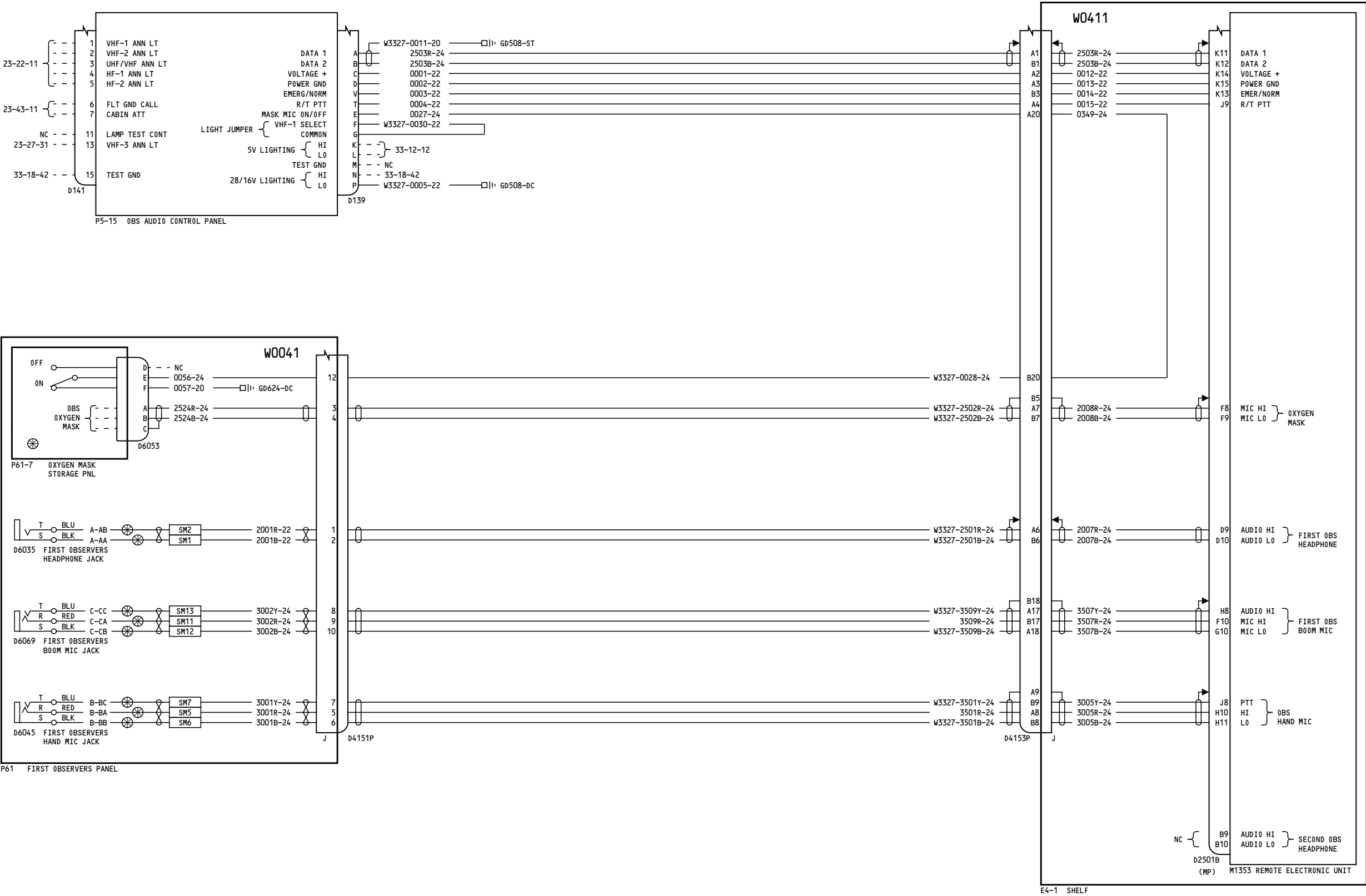
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**AUDIO INTEGRATING
OBSERVER**

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W0044

28V DC BUS 2 SECT. 2 24-61-24

28V DC BAT BUS SECT. 2 24-61-32

P6-2 LOAD CIRCUIT BREAKER PANEL

P6 LOAD CONTROL CENTER - RIGHT

W0411

28V DC CAPT

28V DC F/O

28V DC INTPH & WARNING

28V DC OBS

CASE GND

28V DC POWER GND F/O

28V DC POWER GND CAPT

OBS

INTPH & WARNING

SIGNAL GND

OUT

IN

MIC HI

MIC LO

MIC HI

MIC LO

OBS AUDIO HI

OBS AUDIO LO

F/O AUDIO HI

F/O AUDIO LO

AUDIO HI

AUDIO LO

PA HI

PA LO

PA MIC HI

PA MIC LO

PA GAIN HI

PA GAIN LO

PA SENSE HI

PA SENSE LO

MIC HI

MIC LO

COMMON

MIC HI

AUDIO HI

MIC HI

MIC LO

MIC HI

MIC LO

MIC HI

MIC LO

MIC PTT CONTROL OUT

MIC HI

MIC LO

MIC-PTT CONTROL OUT

MIC HI

MIC LO

RSV

RSV

23-31-02

23-41-11

23-41-11

23-42-12

23-12-11

23-12-21

23-12-31

23-11-11

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D2501B (MP)

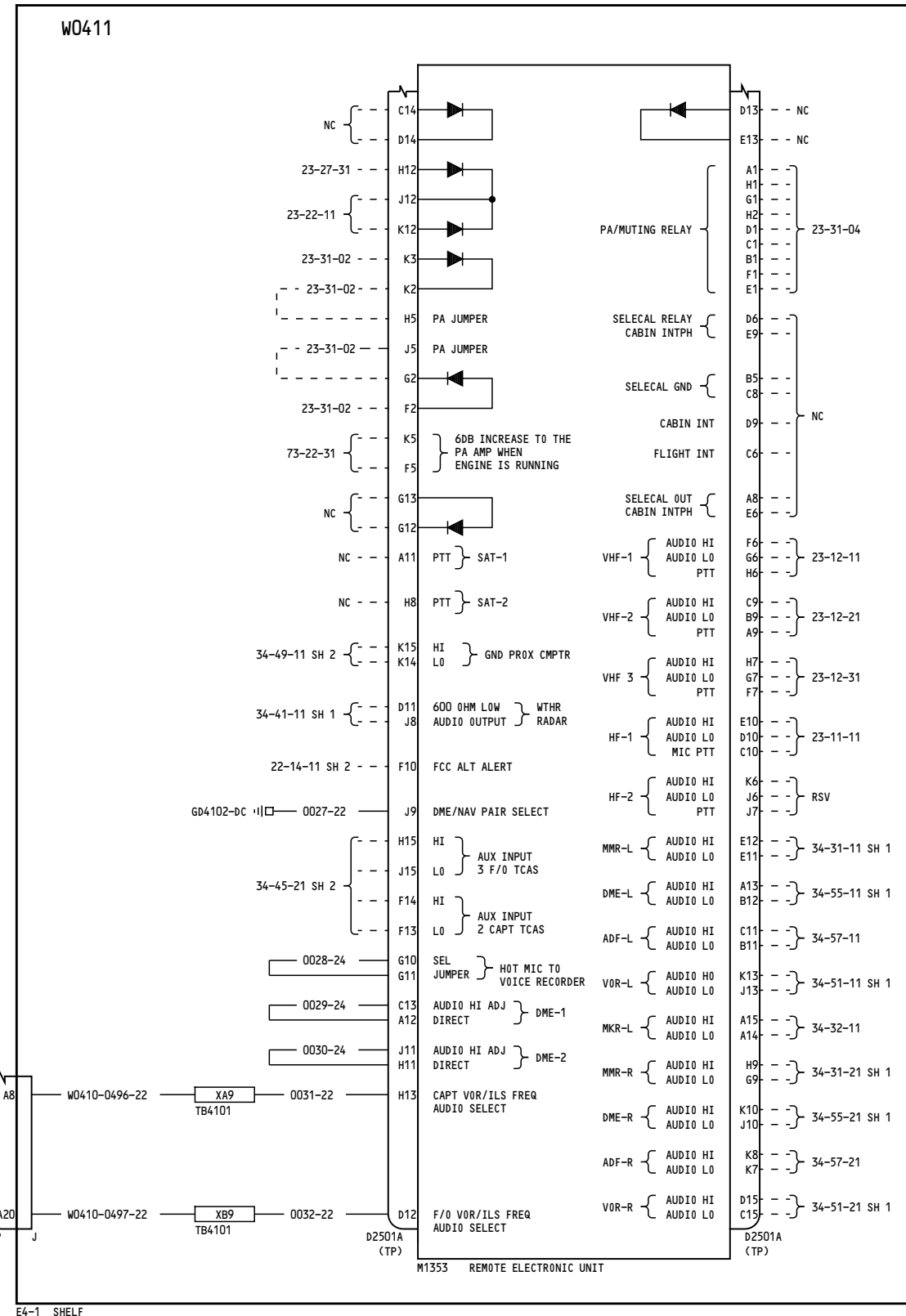
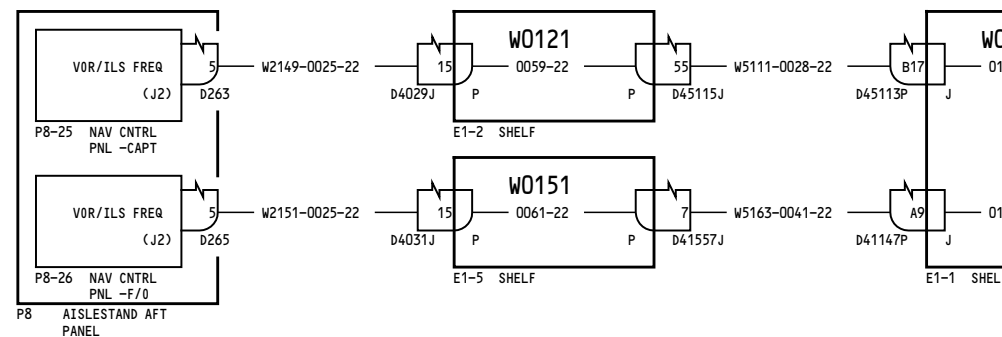
M1353 REMOTE ELECTRONIC UNIT

M383 VOICE RECORDER AFT CARGO COMPARTMENT STA 906 WL 195 RBL 45

E4-1 SHELF

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YT101-YT105

**AUDIO INTEGRATING
ELECTRONIC SHELF**

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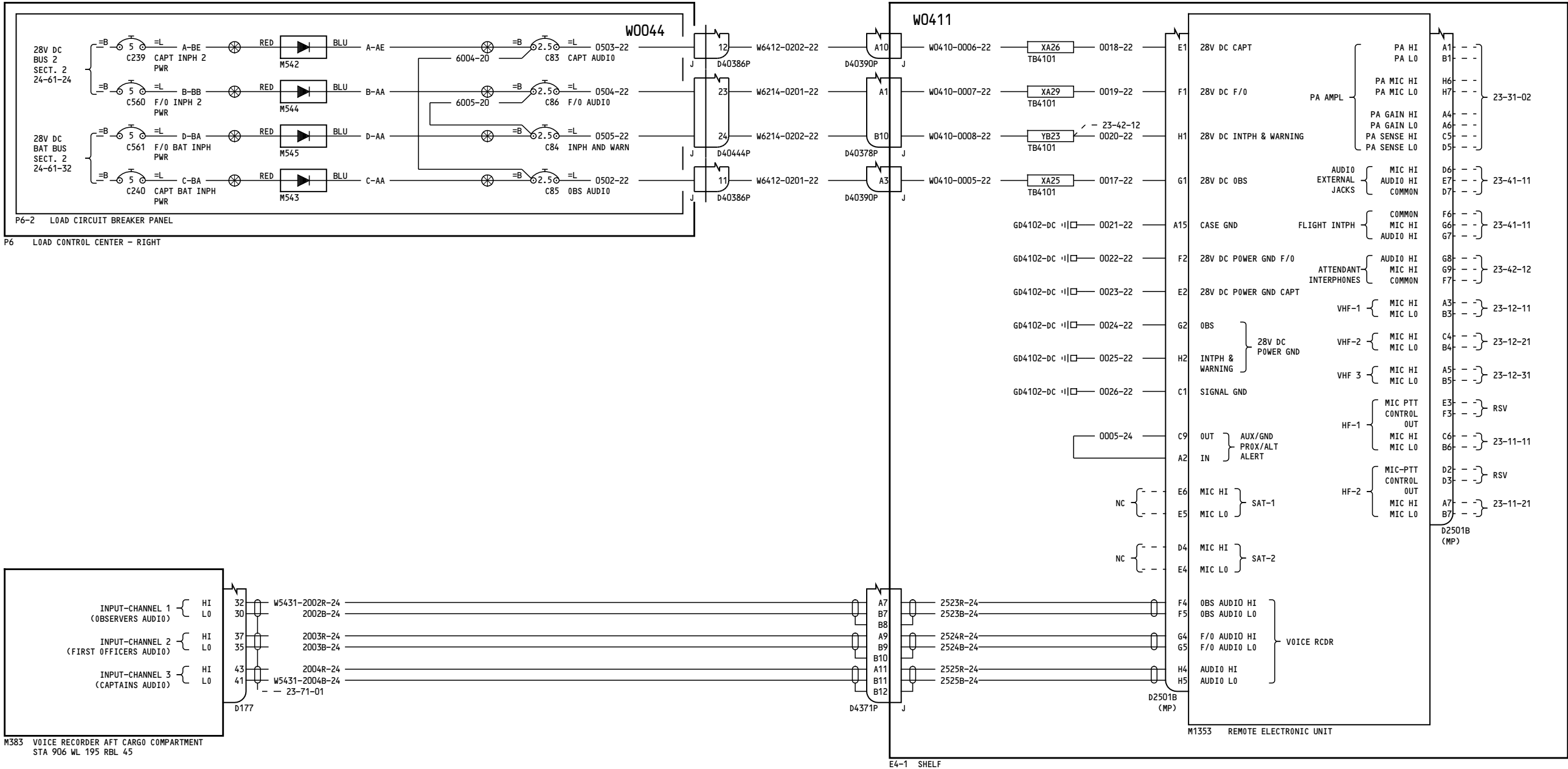
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YT106-YT133

**AUDIO INTEGRATING
ELECTRONIC SHELF**

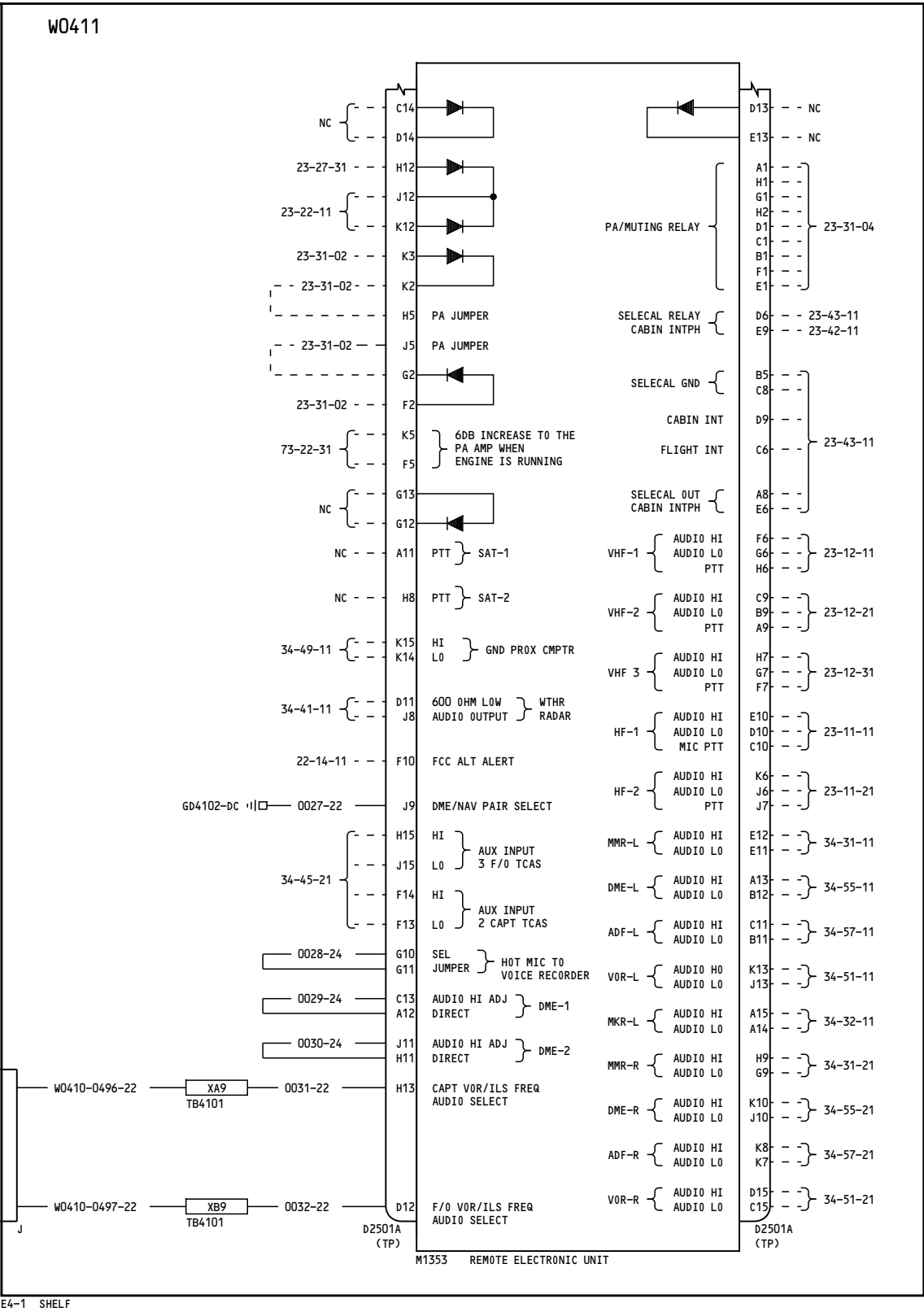
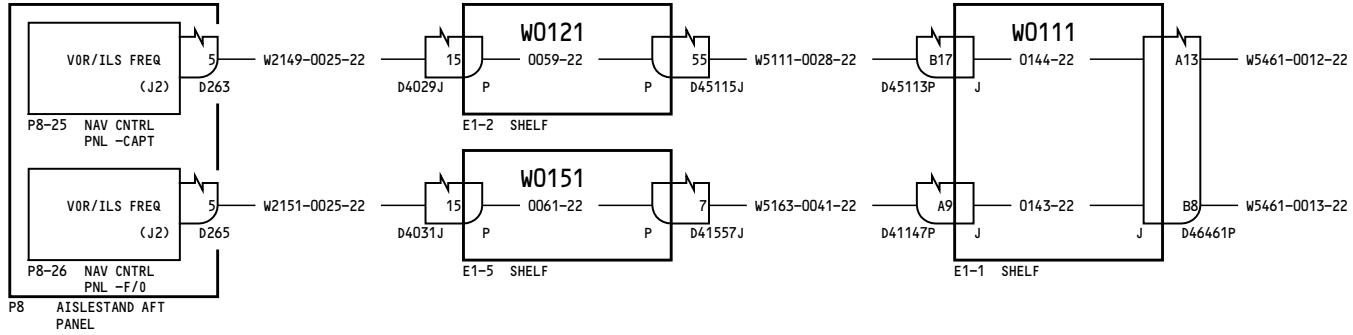
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YT106-YT133

**AUDIO INTEGRATING
ELECTRONIC SHELF**

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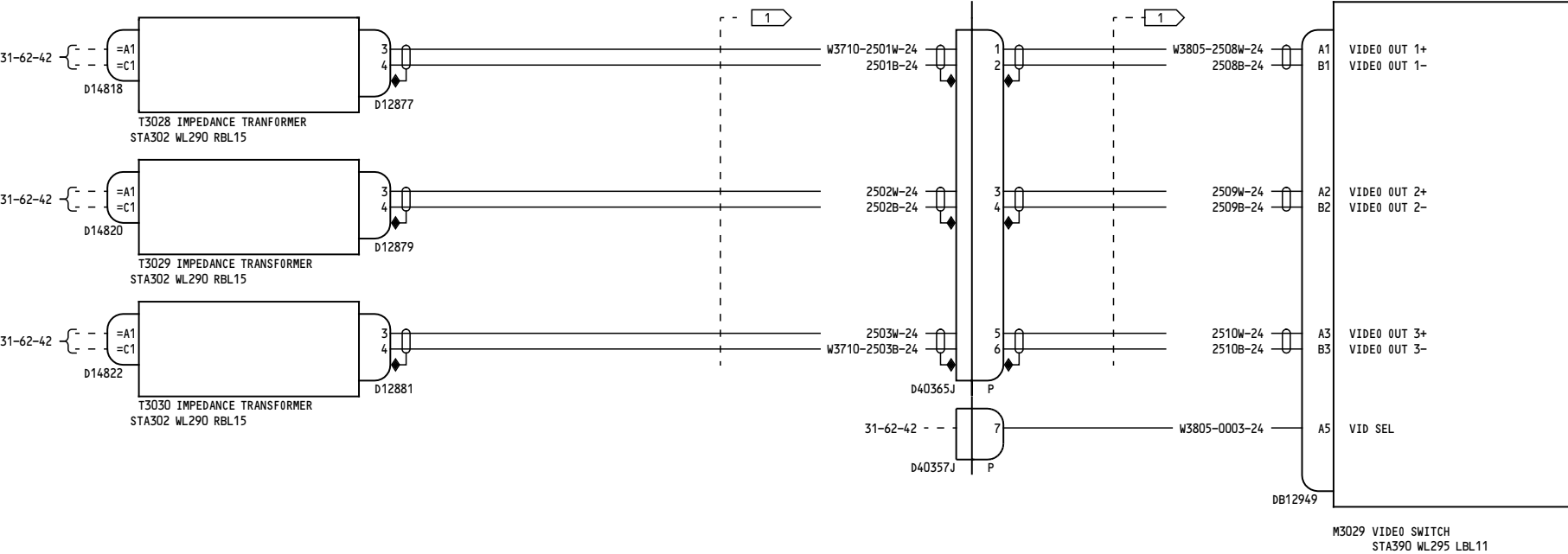
NOTES:

2 CABLE P/N S280W502-6

VIDEO SURVEILLANCE SYSTEM

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NOTES:

1 CABLE P/N S280W502-6

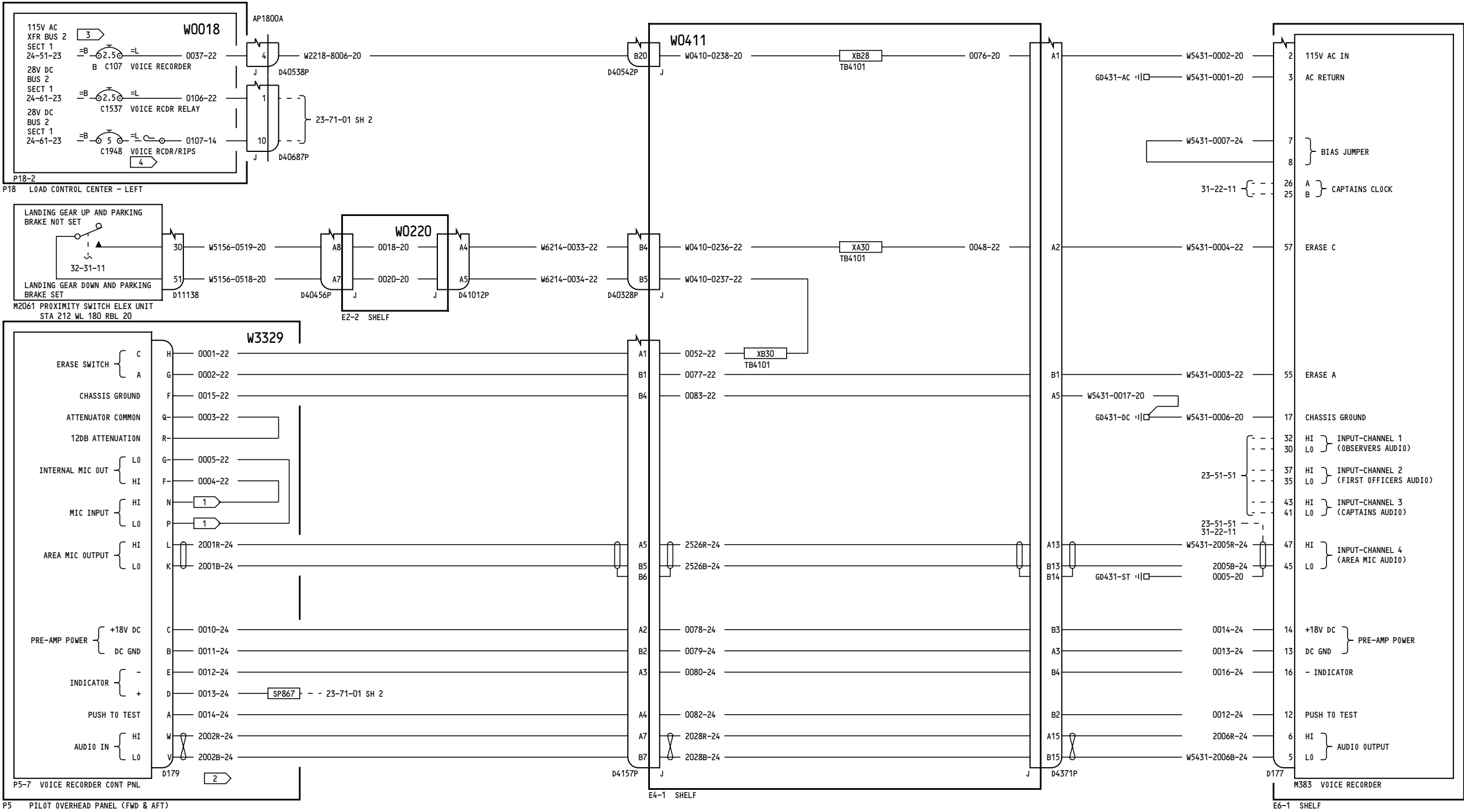
ALL	VIDEO SURVEILLANCE SYSTEM
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NOTES:

- 1. INSTALL BMS 13-16 CUT TO 2.0 INCHES MAXIMUM LENGTH STRIP BOTH END PER BAC 5162-9 AND INSTALL CONTACT BENDIX 10-314980-20S ON EACH END OF THE WIRE.
- 2. PIGTAILS 3 INCHES MAXIMUM
- 3. CVR AND FDR ARE REQUIRED TO BE POWERED FROM SEPARATE AC BUSES.
- 4. COLLAR AND LABEL INOP.

ALL

COCKPIT VOICE RECORDER

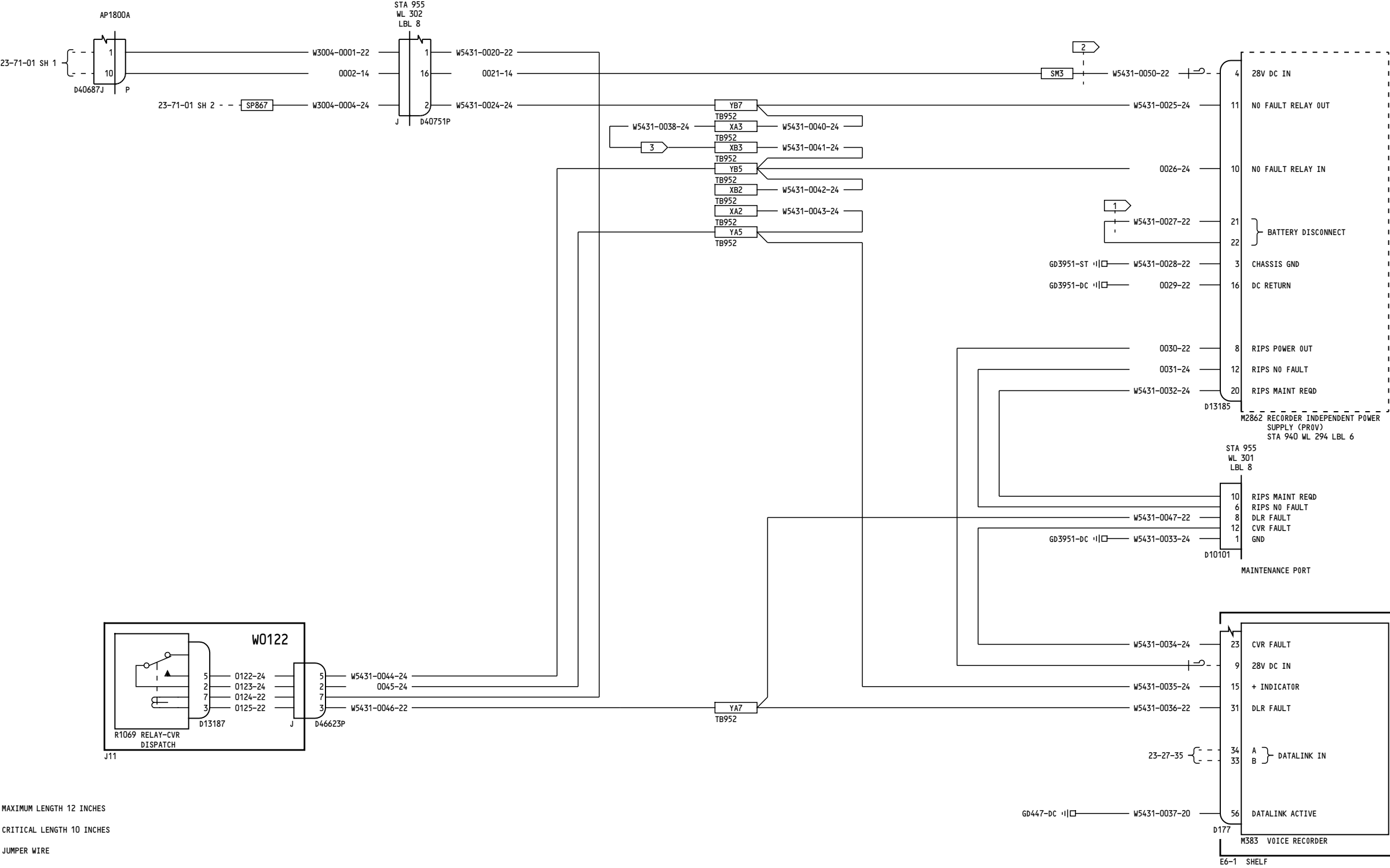
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- NOTES:
- 1 MAXIMUM LENGTH 12 INCHES
 - 2 CRITICAL LENGTH 10 INCHES
 - 3 JUMPER WIRE

ALL

COCKPIT VOICE RECORDER

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