

CHAPTER

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COMMUNICATIONS

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COMMUNICATIONS

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I	EMERGENCY LOCATOR TRANSMITTER (ELT)	23-24-11		101		Jun 21/2016	ALL
	<u>AIRCRAFT COMMUNICATIONS ADDRESSING AND REPORTING SYSTEM (ACARS)</u>						
I	ACARS/CMU - POWER & CONTROL	23-27-31		101		Jun 21/2016	ALL
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I	ACARS/CMU - 716 VHF AND FMC INTERFACES	23-27-35		101		Jun 21/2016	ALL
	ACARS/CMU - OUTPUT BUS 4 INTERFACES	23-27-36		101		Apr 17/2014	YT101-YT105
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I	ACARS/CMU - OUTPUT BUS 6 AND BUS 7 INTERFACES	23-27-37		101		Jun 21/2016	ALL
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I	PASSENGER ADDRESS SYSTEM	23-31-11		101		Jun 21/2016	YT101-YT118 YT126-YT133
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I	FLIGHT AND GROUND CREW CALL	23-42-11		101		Jun 21/2016	YT101-YT105 YT126-YT133
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I	CABIN INTERPHONE - BASELINE HANDSETS	23-42-12		101		Jun 21/2016	ALL
	FORWARD ATTENDANT CONTROL PANEL	23-42-14		101	1	Aug 18/2014	YT101-YT105
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I				104	1	Jun 21/2016	YT126-YT131
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I	AFT ATTENDANT CONTROL PANEL	23-42-15		101	1	Jun 21/2016	ALL
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	<u>GROUND CREW CALL SYSTEM</u>						
I	GROUND CREW CALL	23-43-11		101		Jun 21/2016	ALL
	<u>FLIGHT INTERPHONE SYSTEM</u>						
	FLIGHT INTERPHONE	23-51-11		101	1	Aug 31/2015	YT101-YT112 YT126-YT131

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<u>VOICE RECORDER SYSTEM</u>						
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23-12-11	VHF COMMUNICATIONS 1
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23-12-31	VHF COMMUNICATIONS 3
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23-70-11	VIDEO SURVEILLANCE SYSTEM
23-71-11	VOICE RECORDER

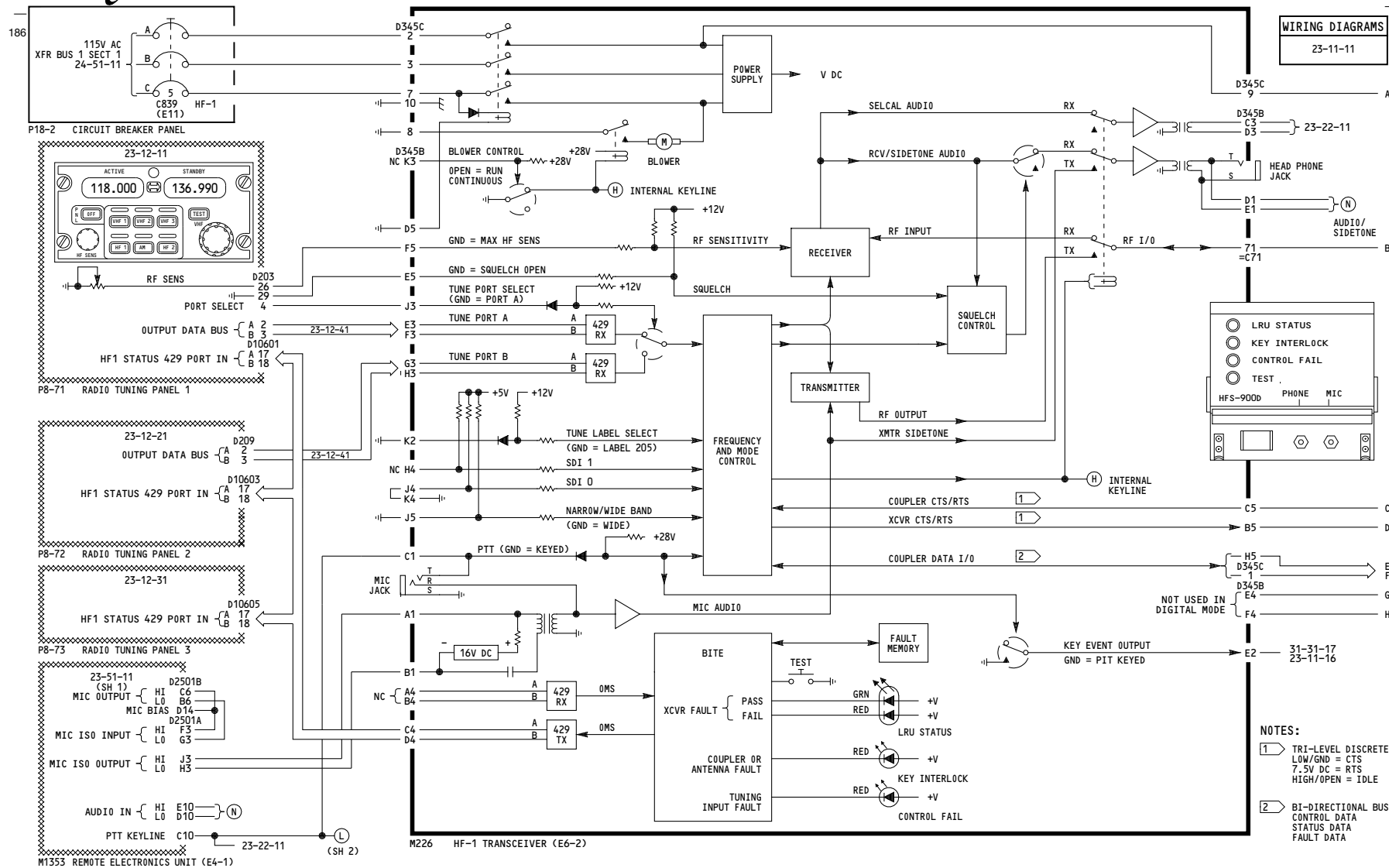
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YT101-YT103

HF COMMUNICATIONS 1

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DIGITAL CONTROL INTERFACE MODE IS DEPICTED. COUPLER WILL OPERATE IN ANALOG INTERFACE MODE WHEN CONNECTED TO HFS-700 OR HFS-900 XCVR.

POWER SUPPLY

V DC

20

IMPEDANCE SENSOR

50

OFF-LINE TX/RX

RX ISLN

TX-TUNE

IMPEDANCE MATCHING NETWORK

TUNES ANT TO 50 FOR TX

TUNE TIME: 7 SEC MAXIMUM 2-4 SEC TYPICAL ZOOMS QUICK TUNE

DISABLE/OFF-LINE TX/RX

SPARK GAP

CONTROLLER

FAULT MEMORY

QUICK TUNE MEMORY

D341 A D

D341 A1 C1

D341 H 1 CPLR CTS/RTS 1 XCVR CTS/RTS 2 DATA I/O

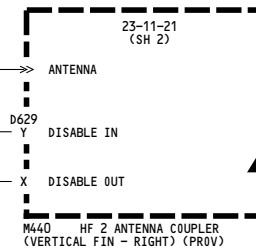
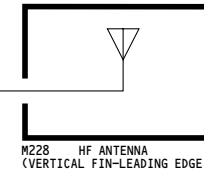
NOT USED IN DIGITAL I/F MODE

(SH 1) L K

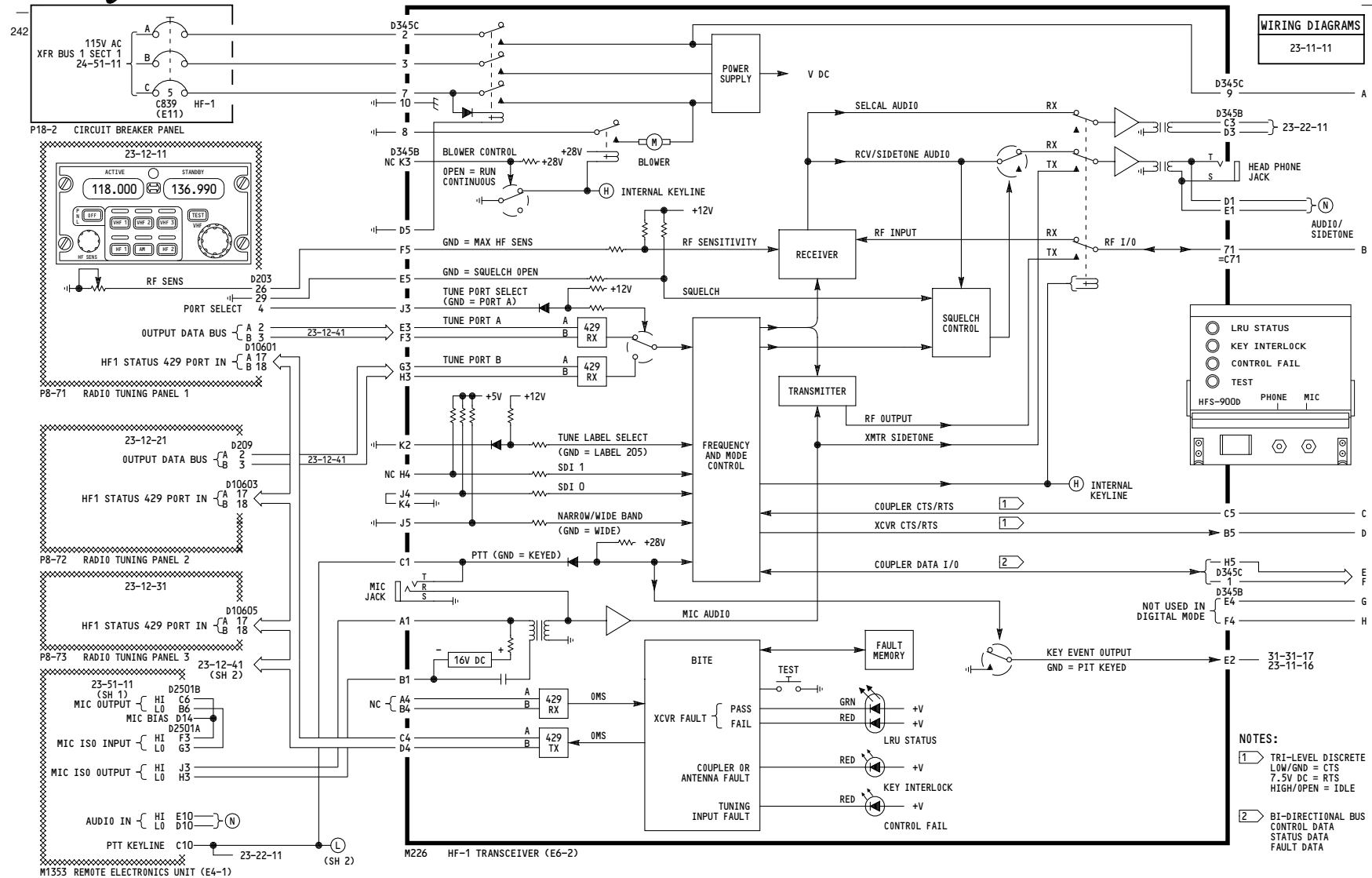
DISABLE OUT GND = TX/TUNE

DISABLE IN GND = OTHER SIDE TX/TUNE

M227 HF-1 ANTENNA COUPLER (VERTICAL FIN - LEFT)



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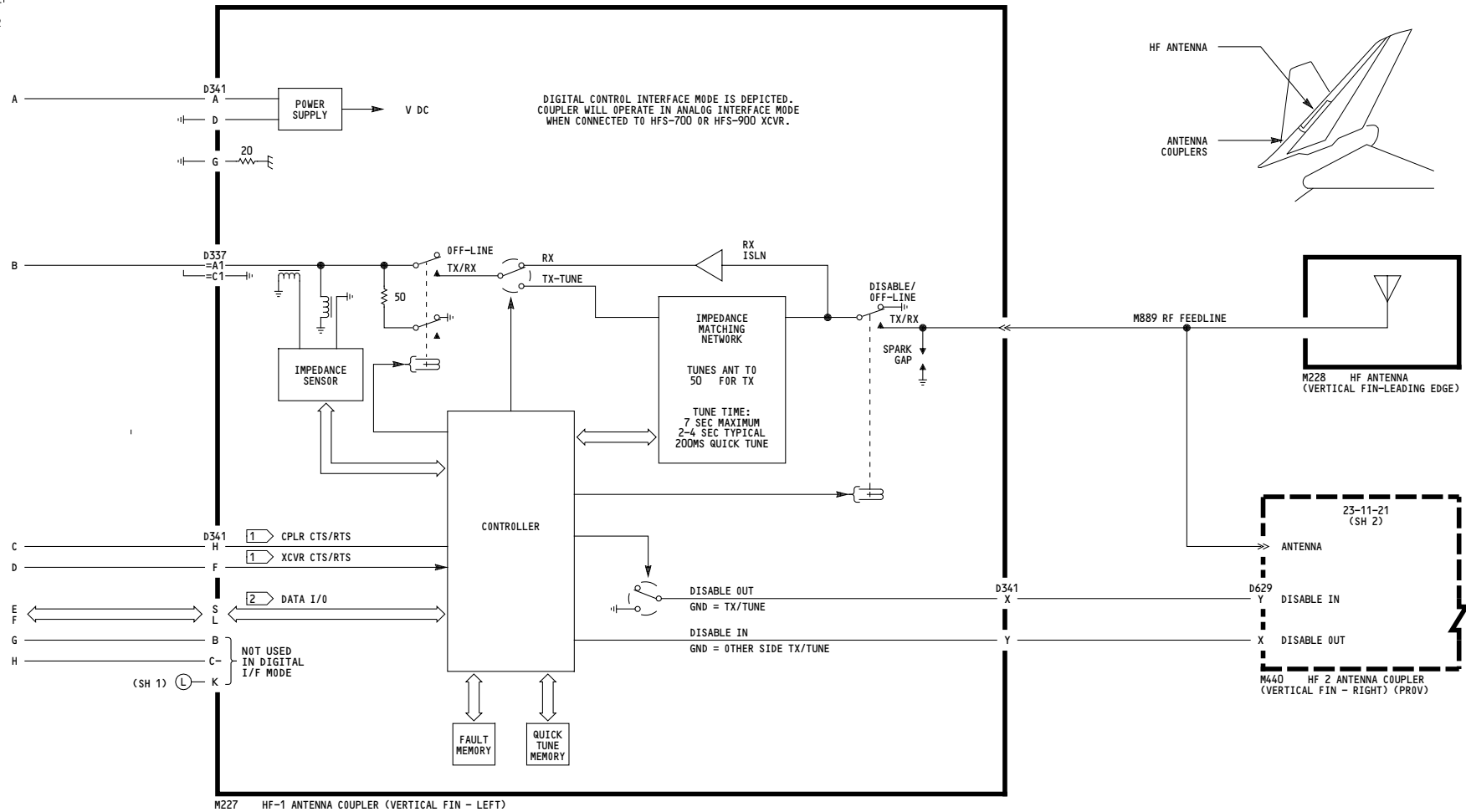
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NOTES:

- 1 TRI-LEVEL DISCRETE
LOW/GND = CTS
7.5V DC = RTS
HIGH/OPEN = IDLE
- 2 BI-DIRECTIONAL BUS
CONTROL DATA
STATUS DATA
FAULT DATA

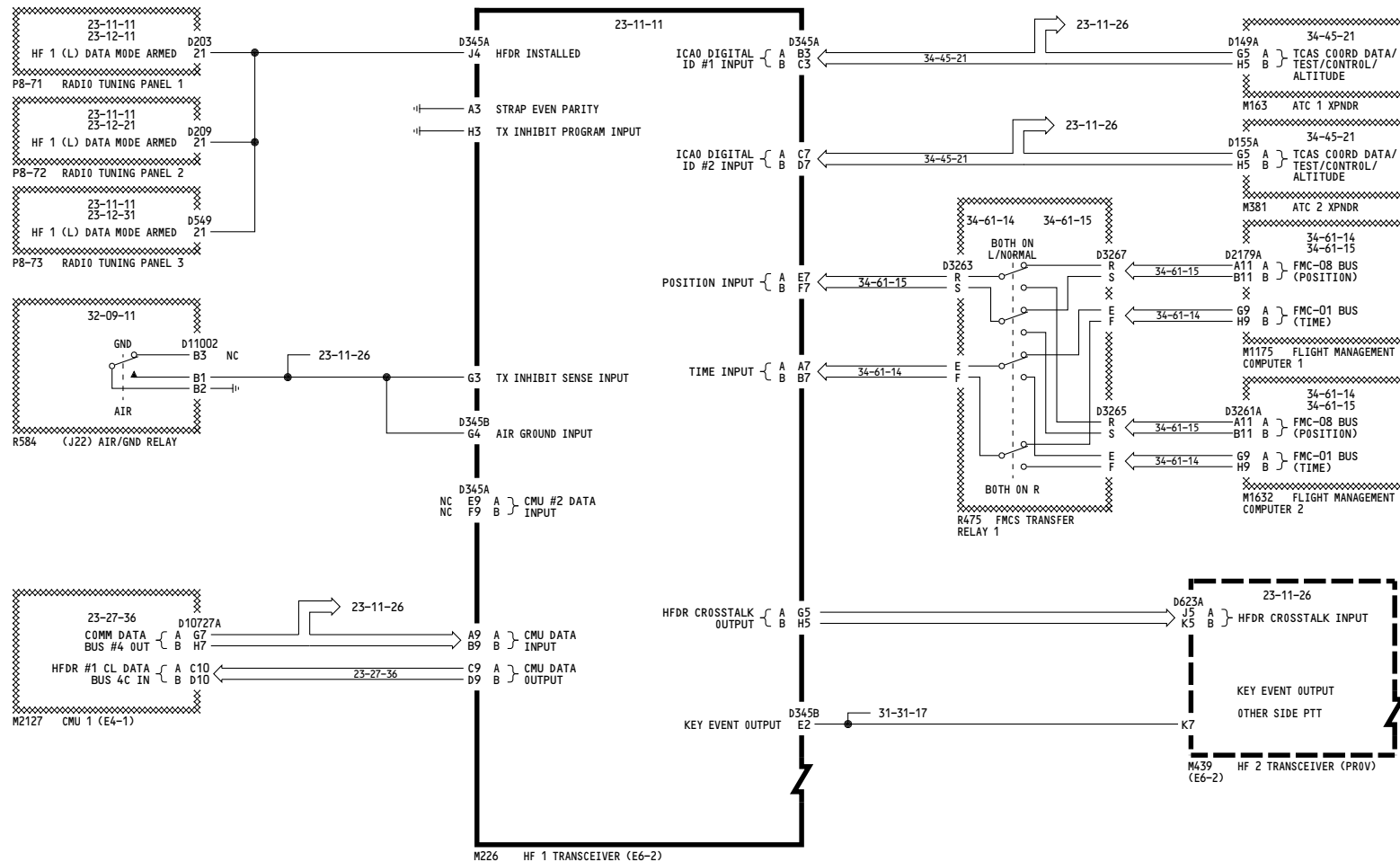
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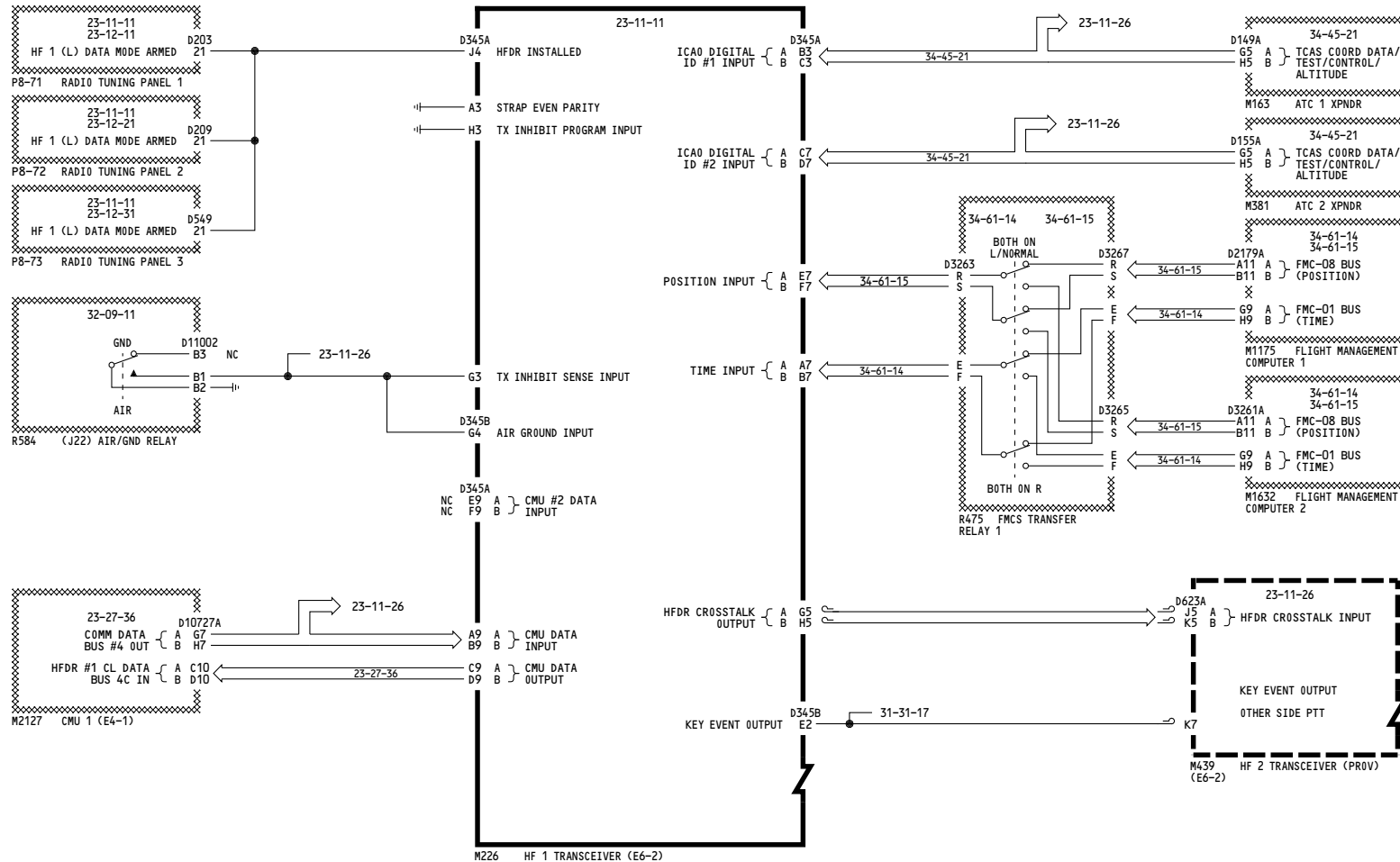
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HF DATALINK**

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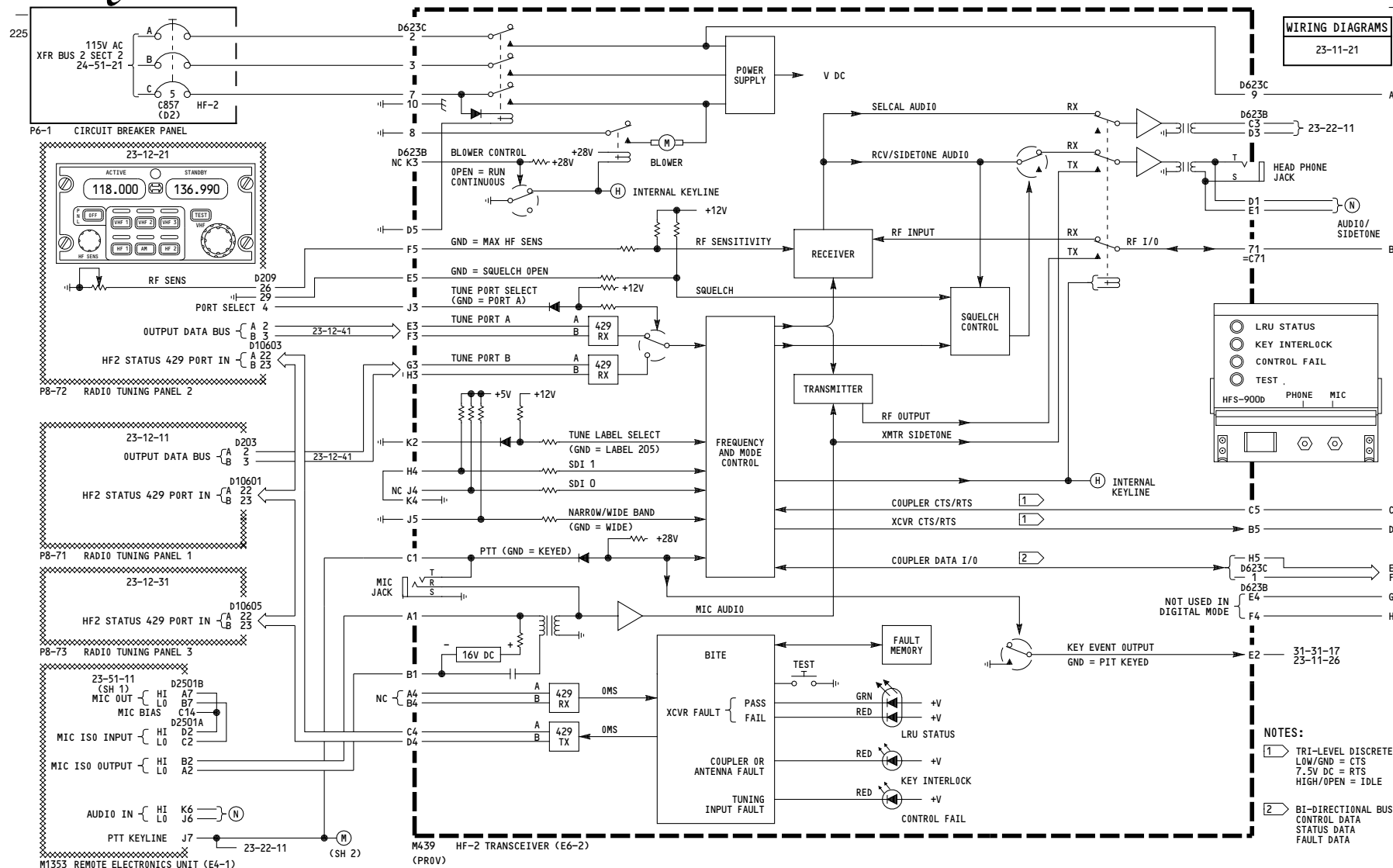
HF COMMUNICATIONS 1 HF DATALINK

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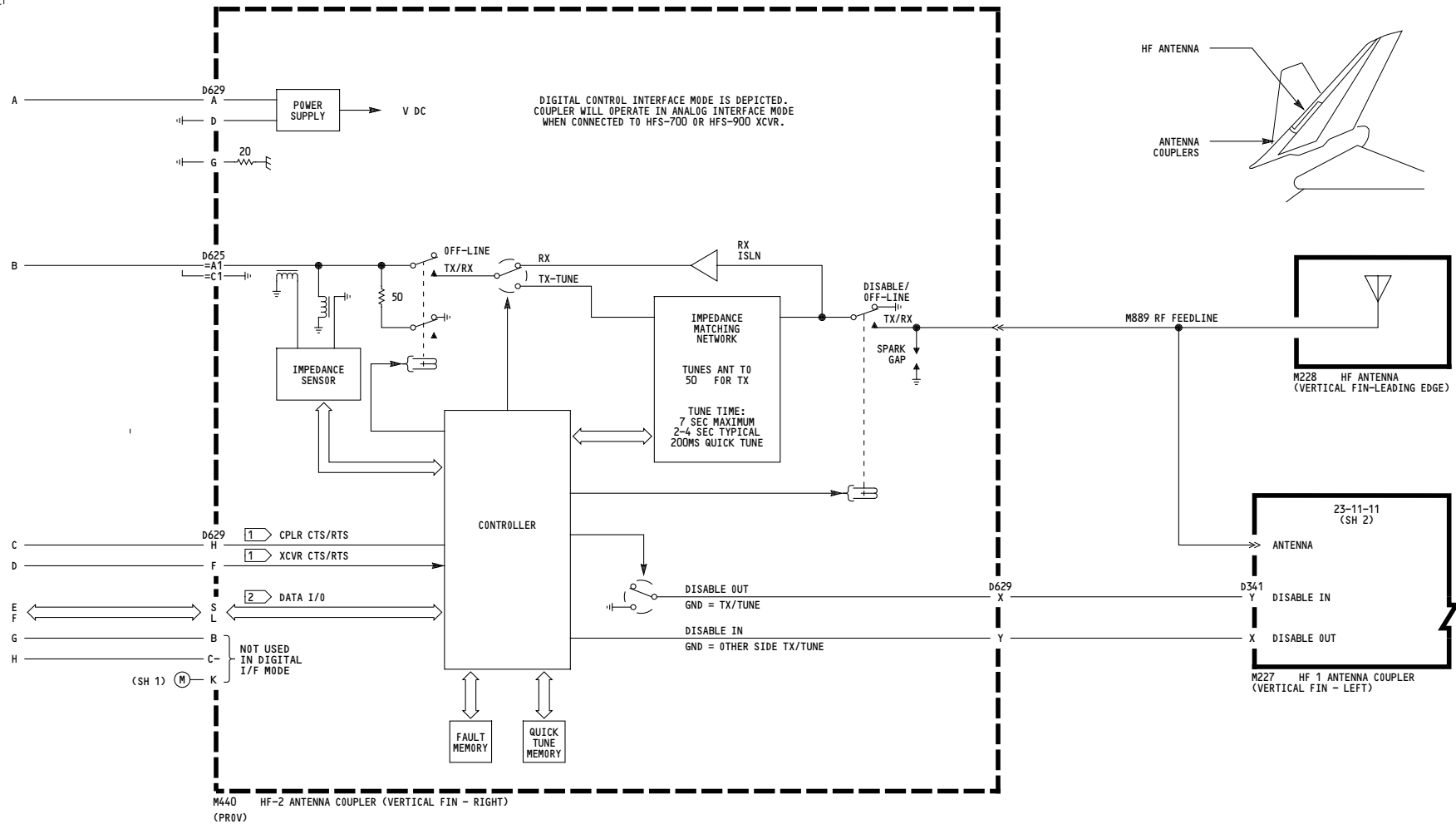
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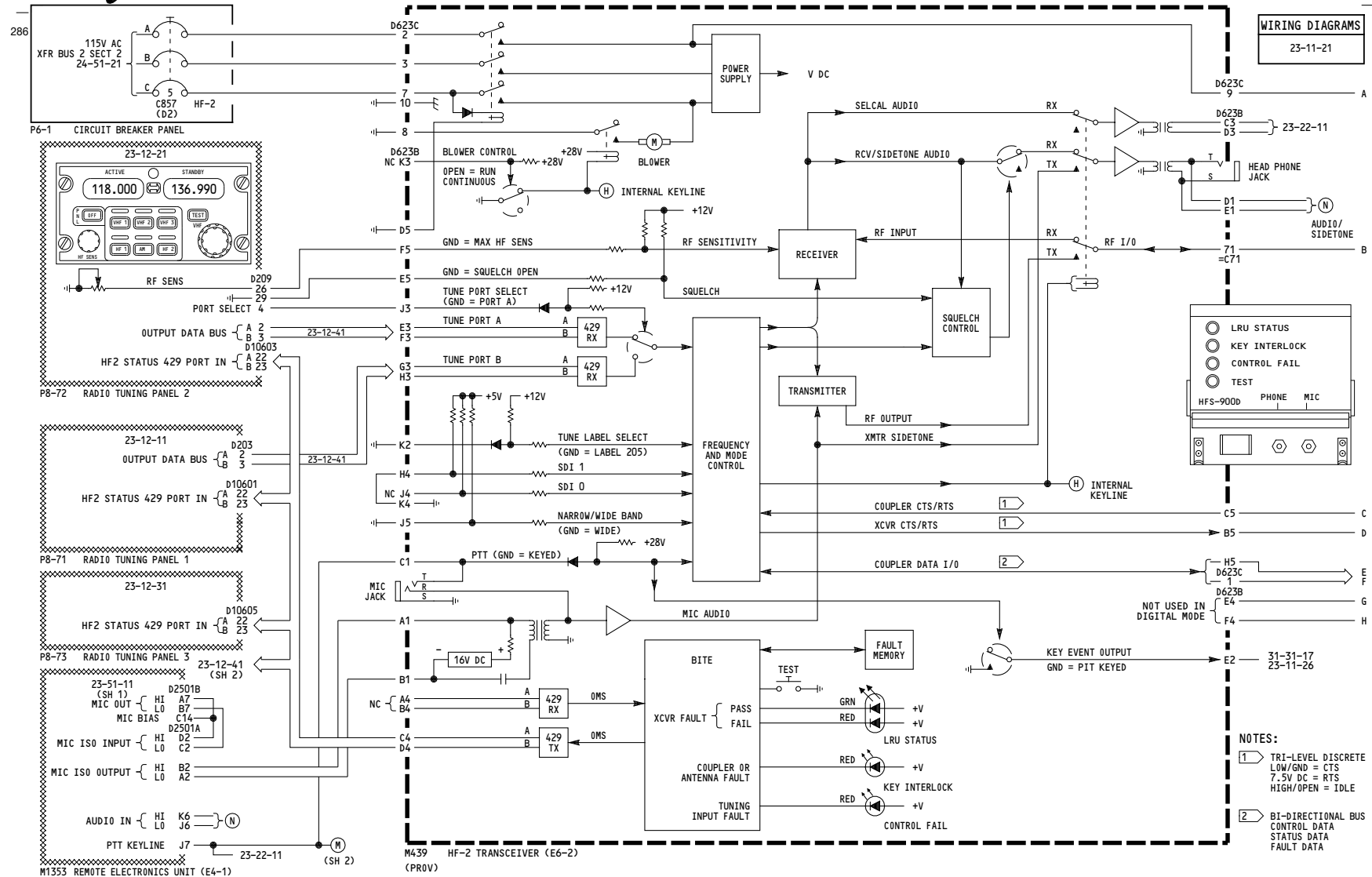
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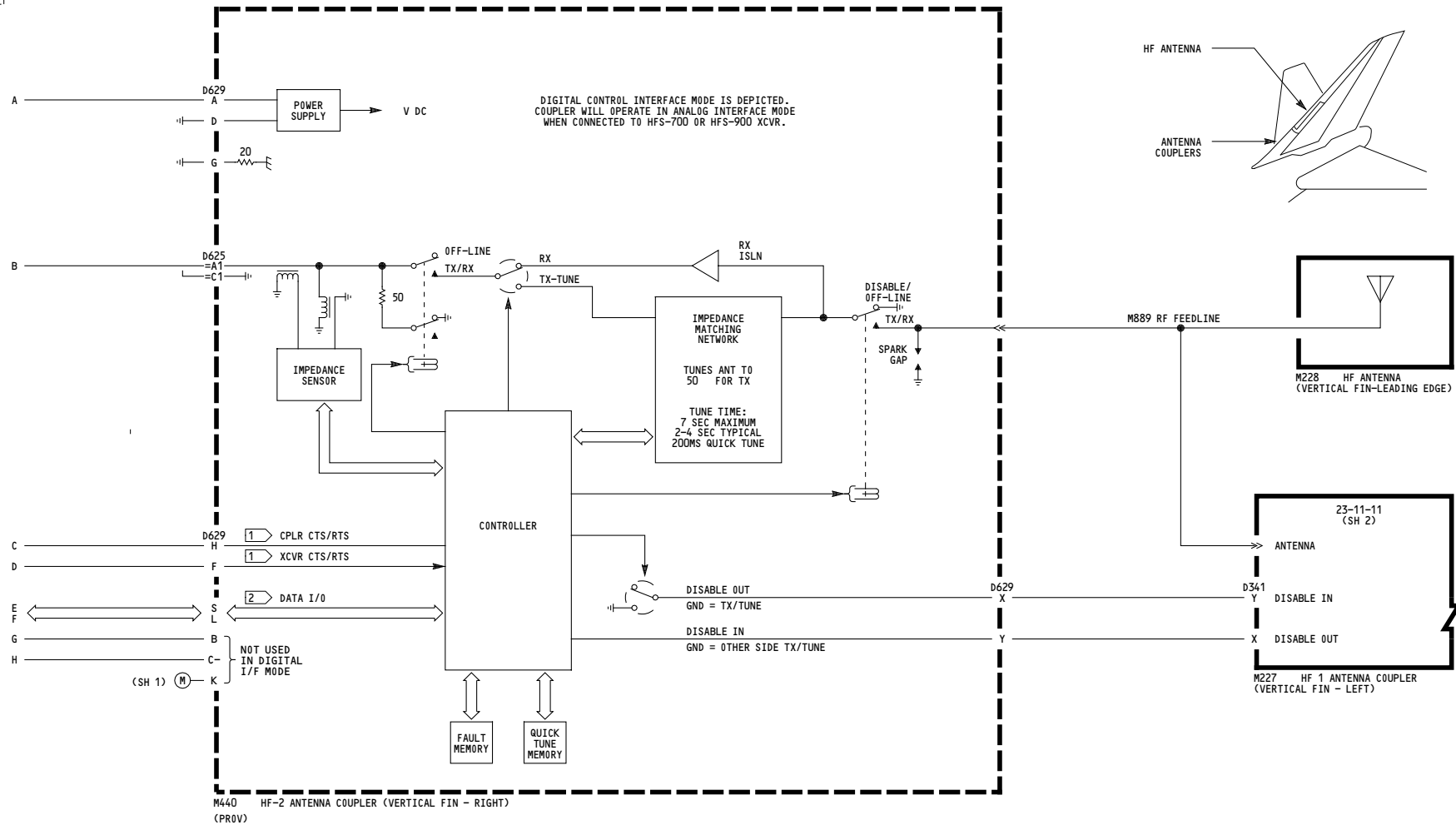
HF COMMUNICATIONS 2

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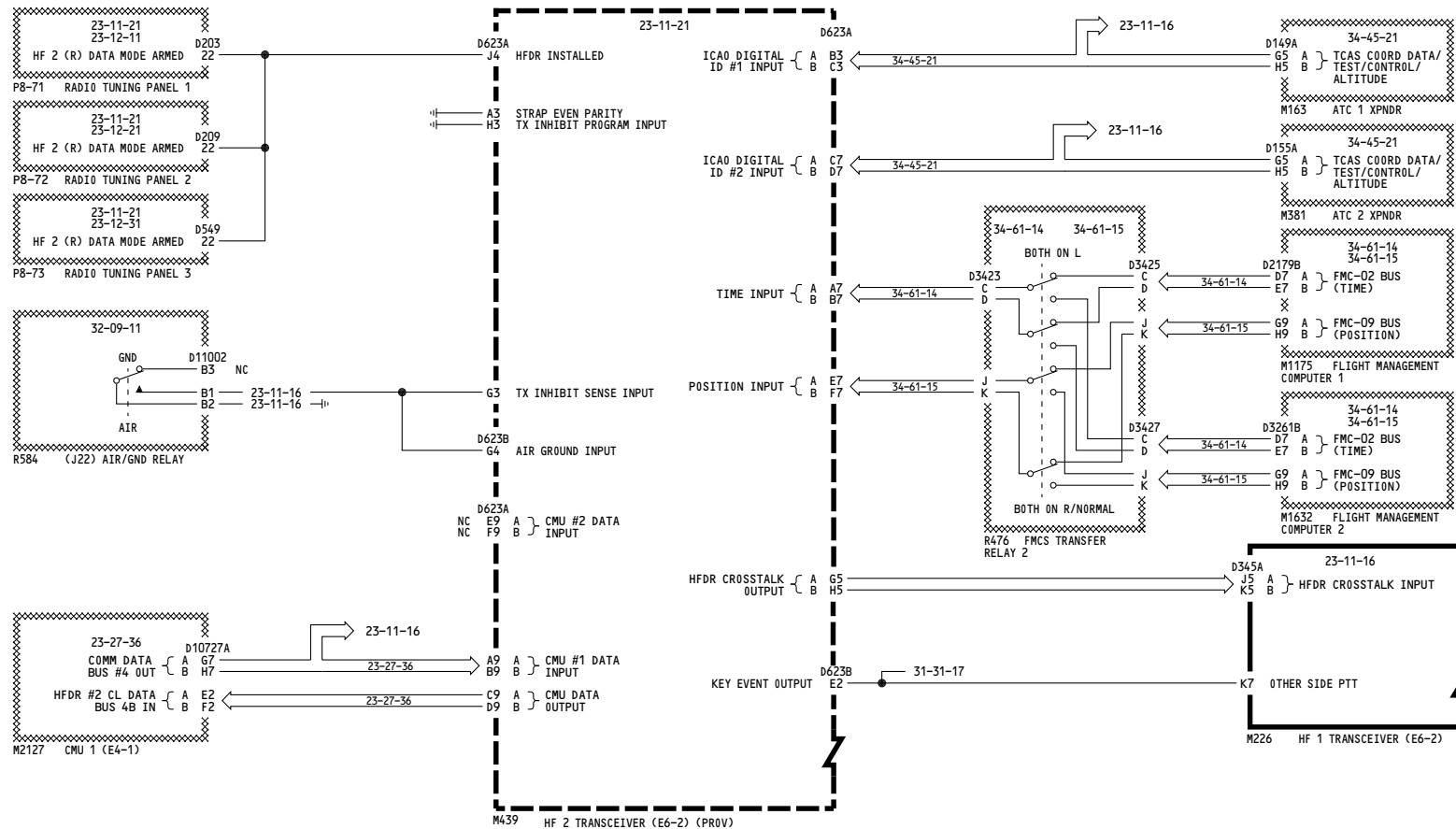
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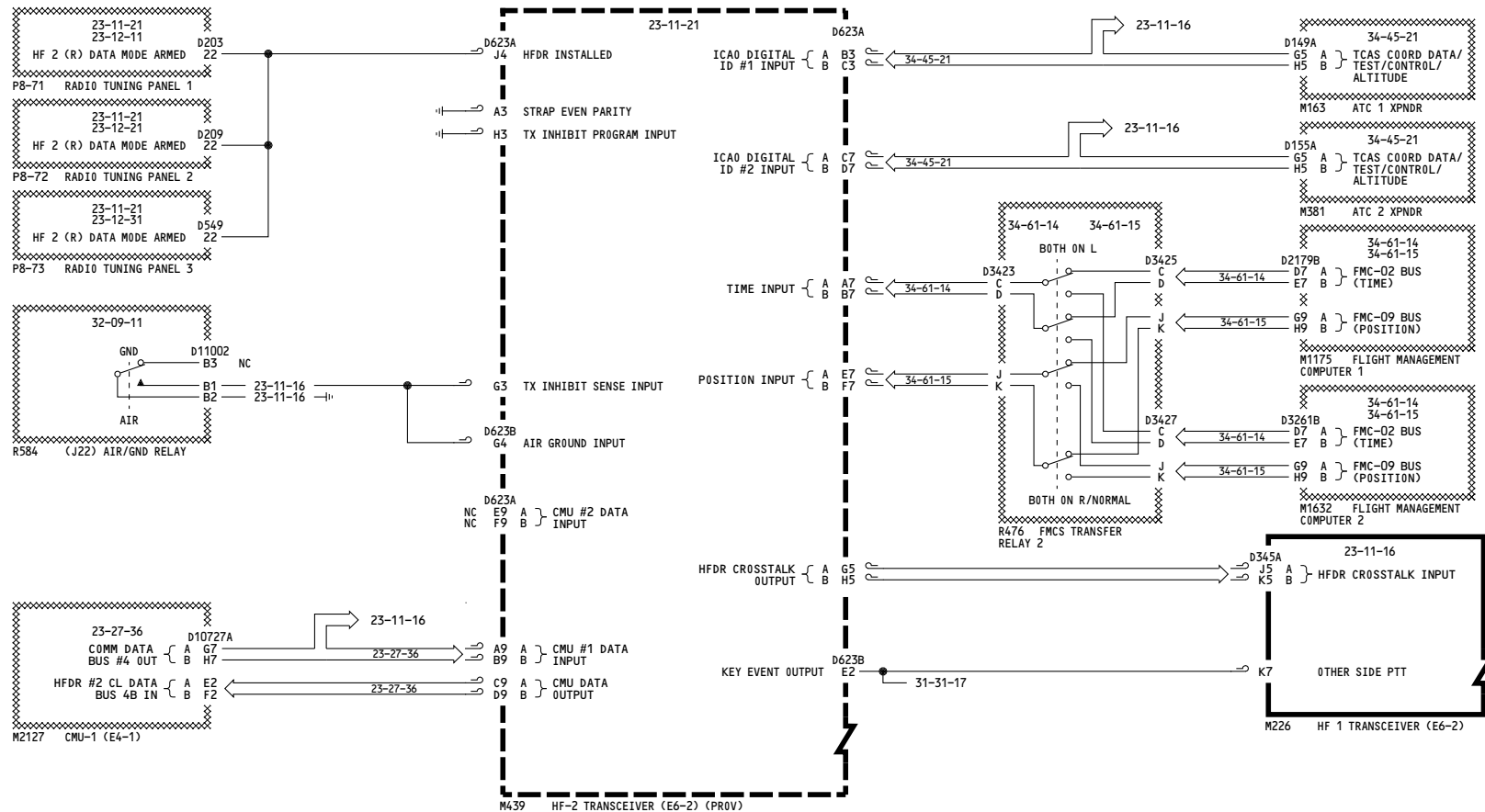
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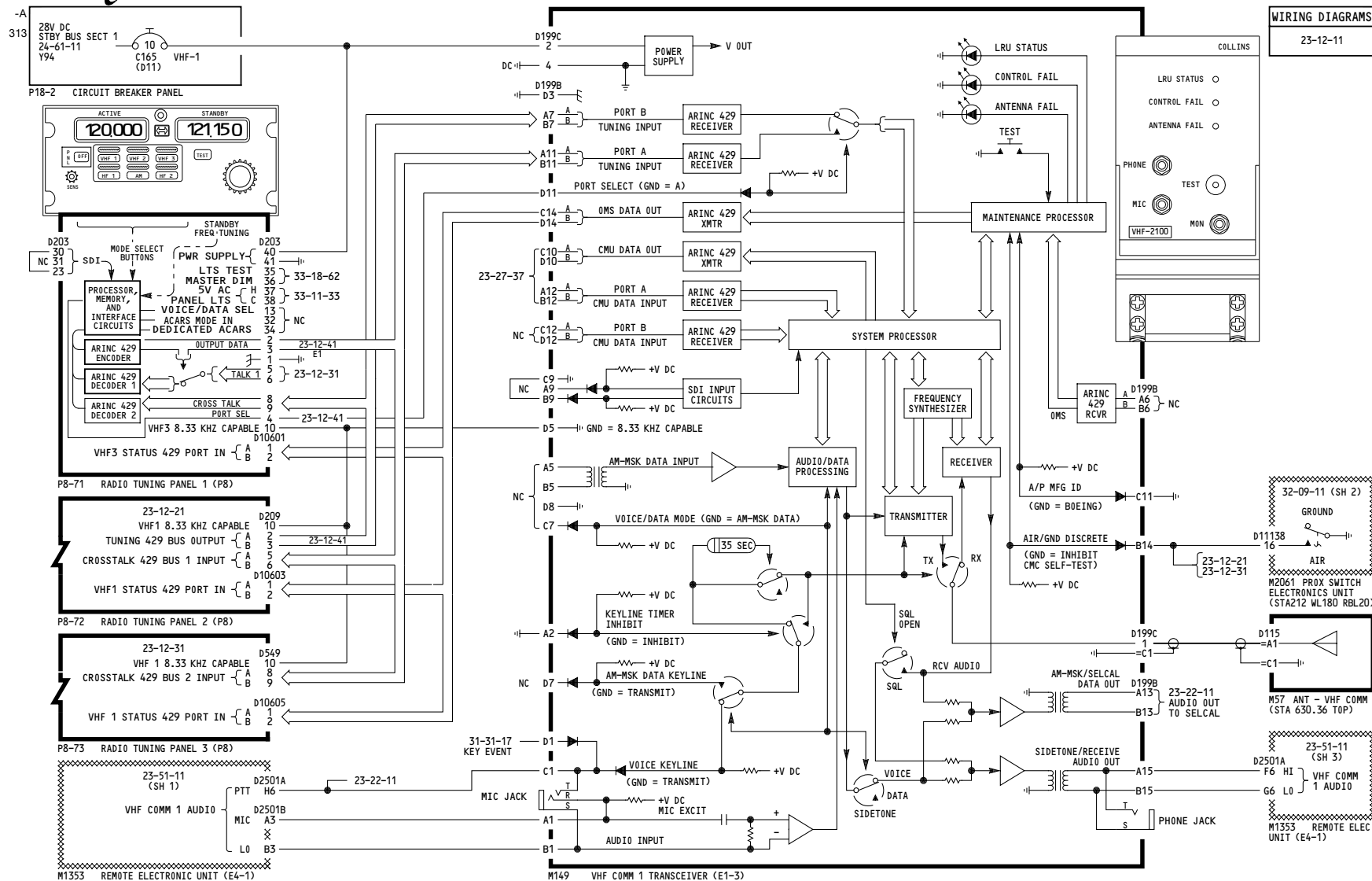
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HF DATALINK**

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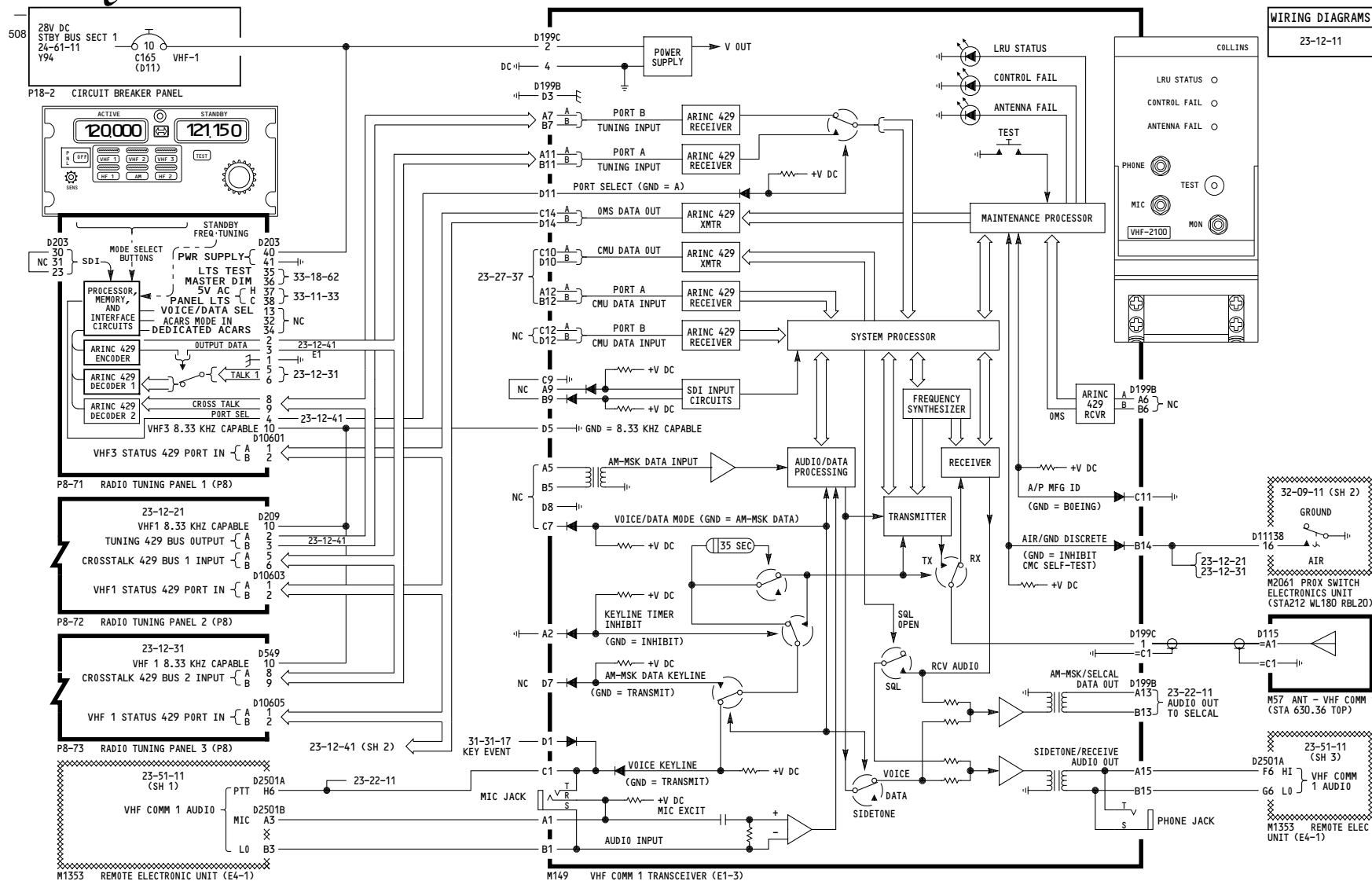
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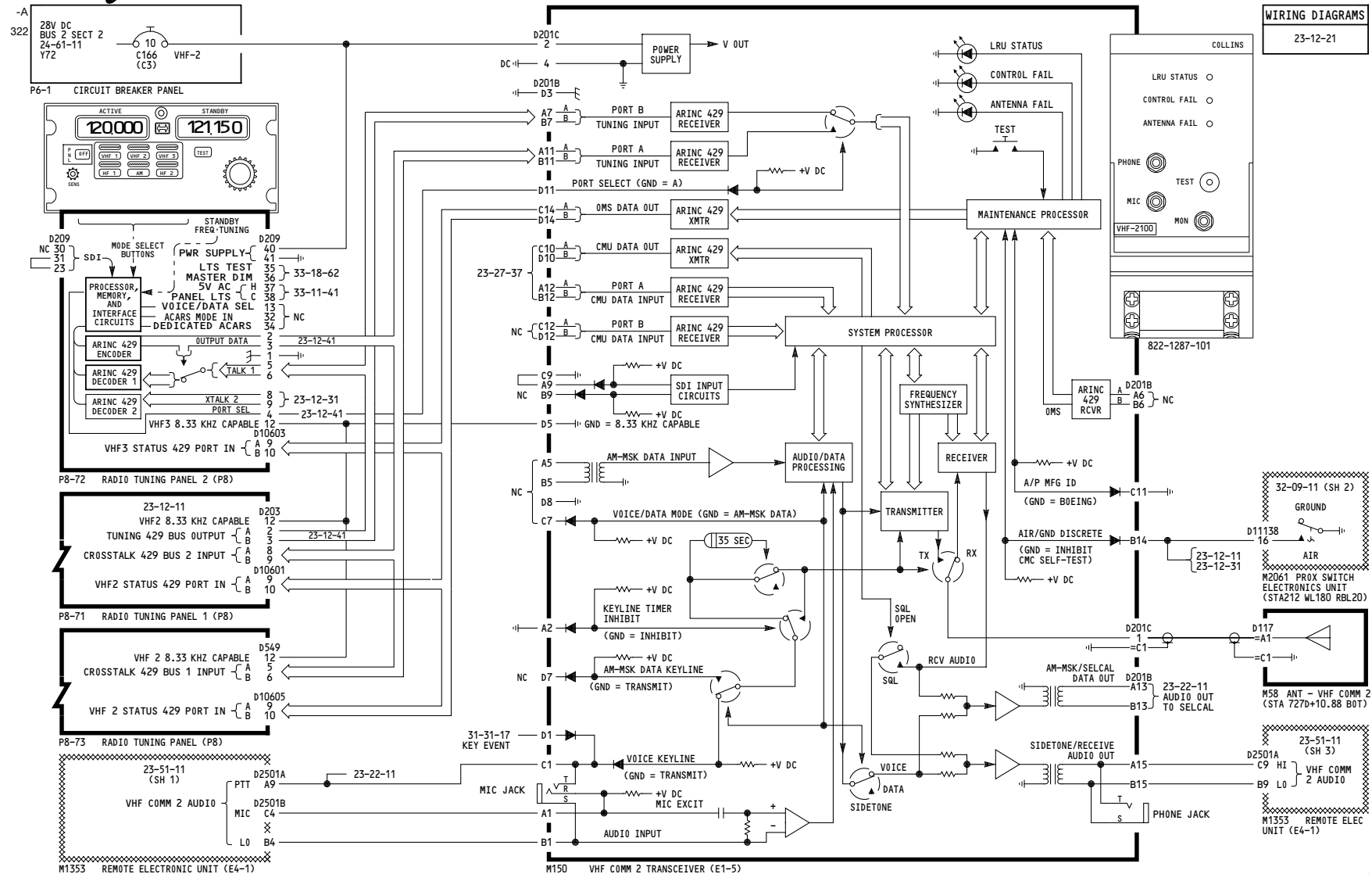
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YT101-YT103

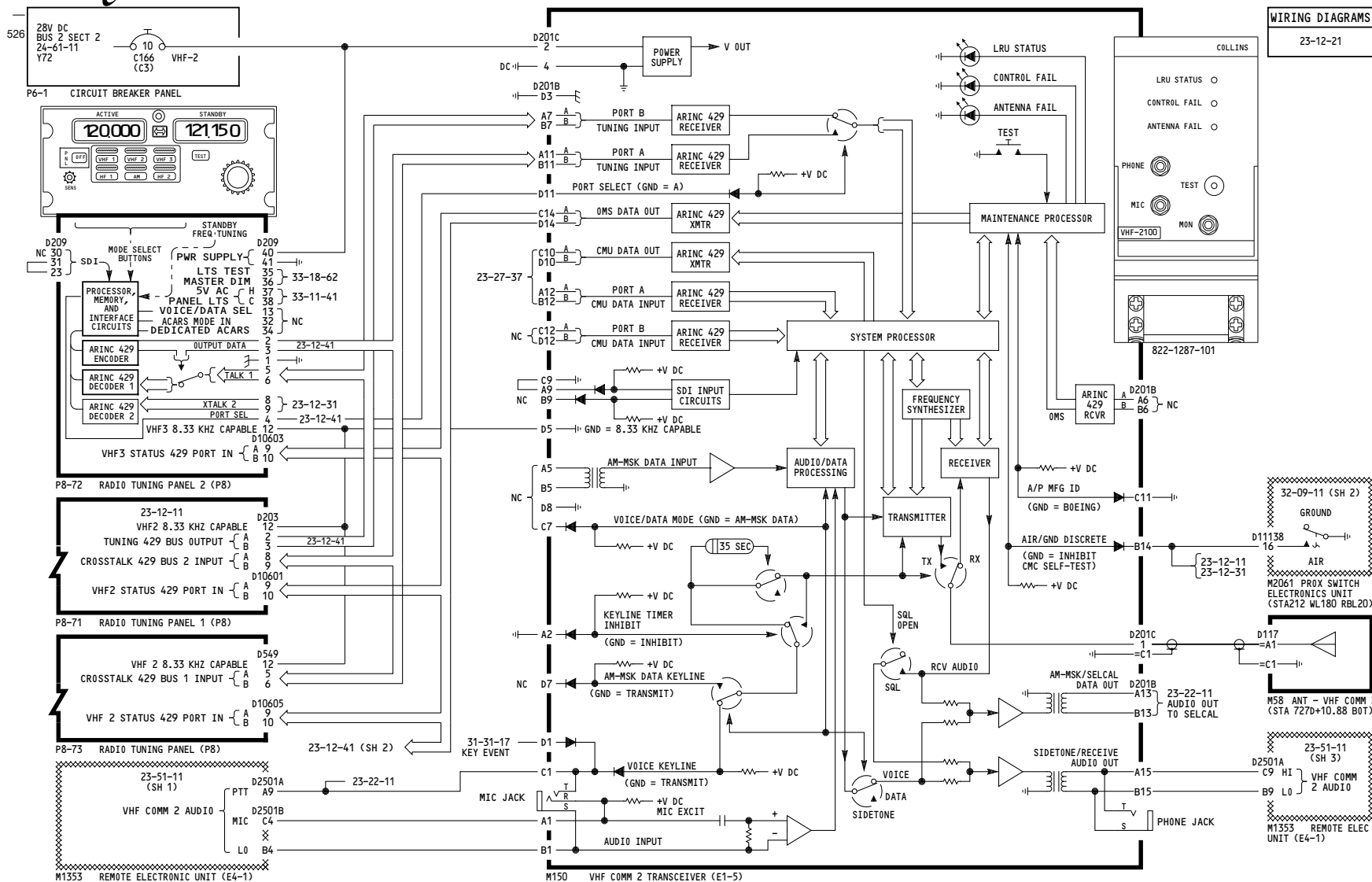
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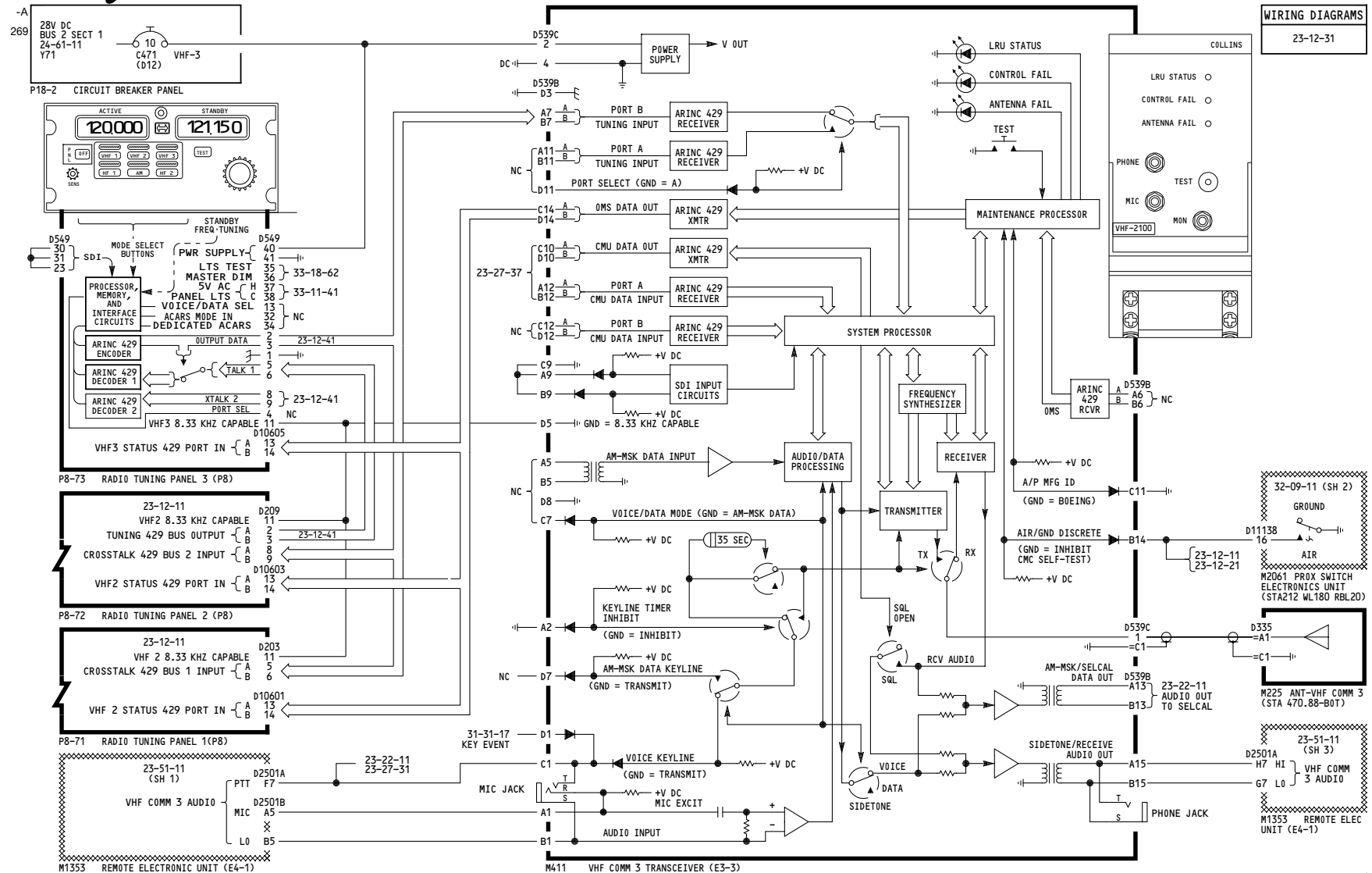
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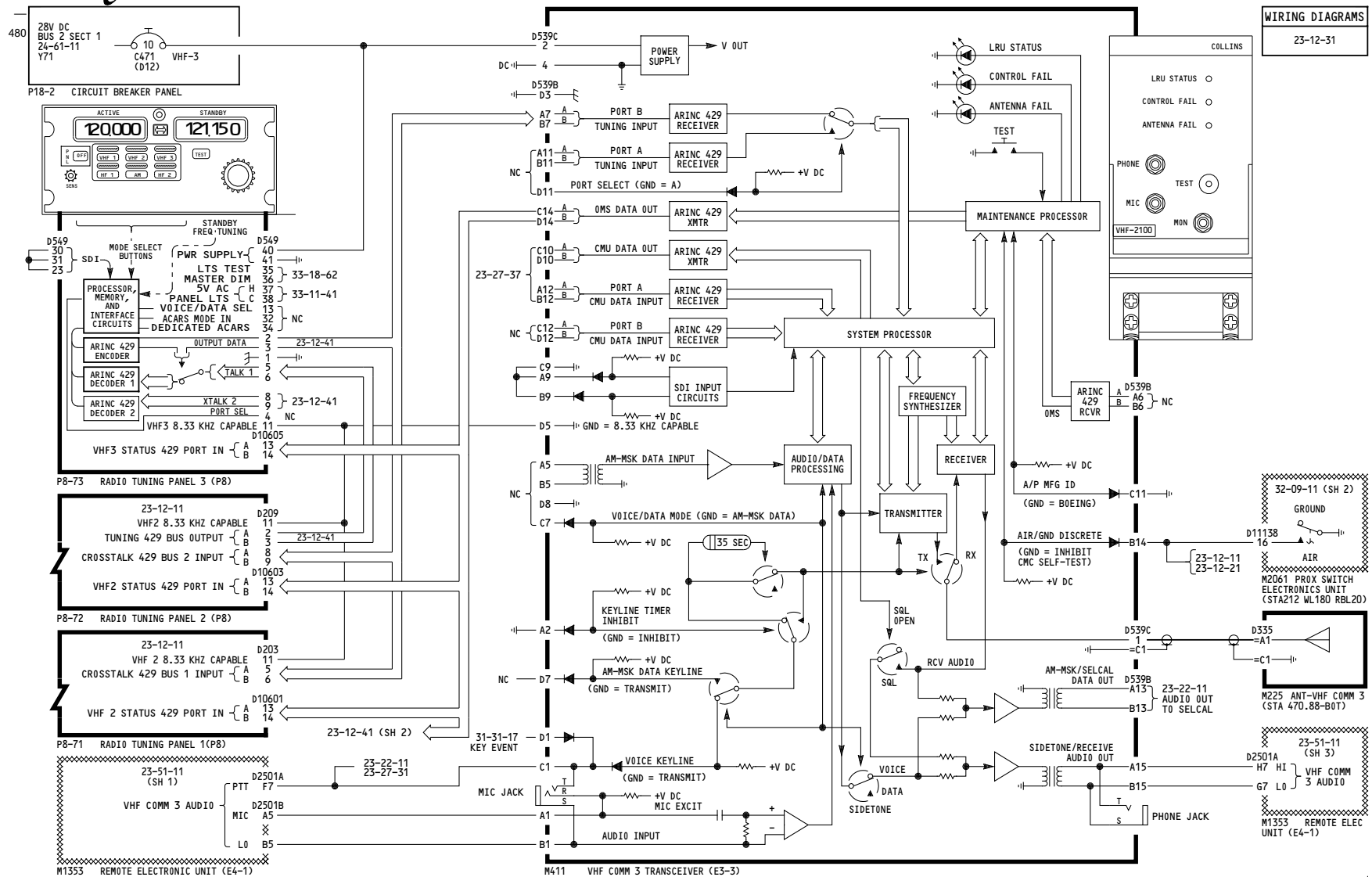
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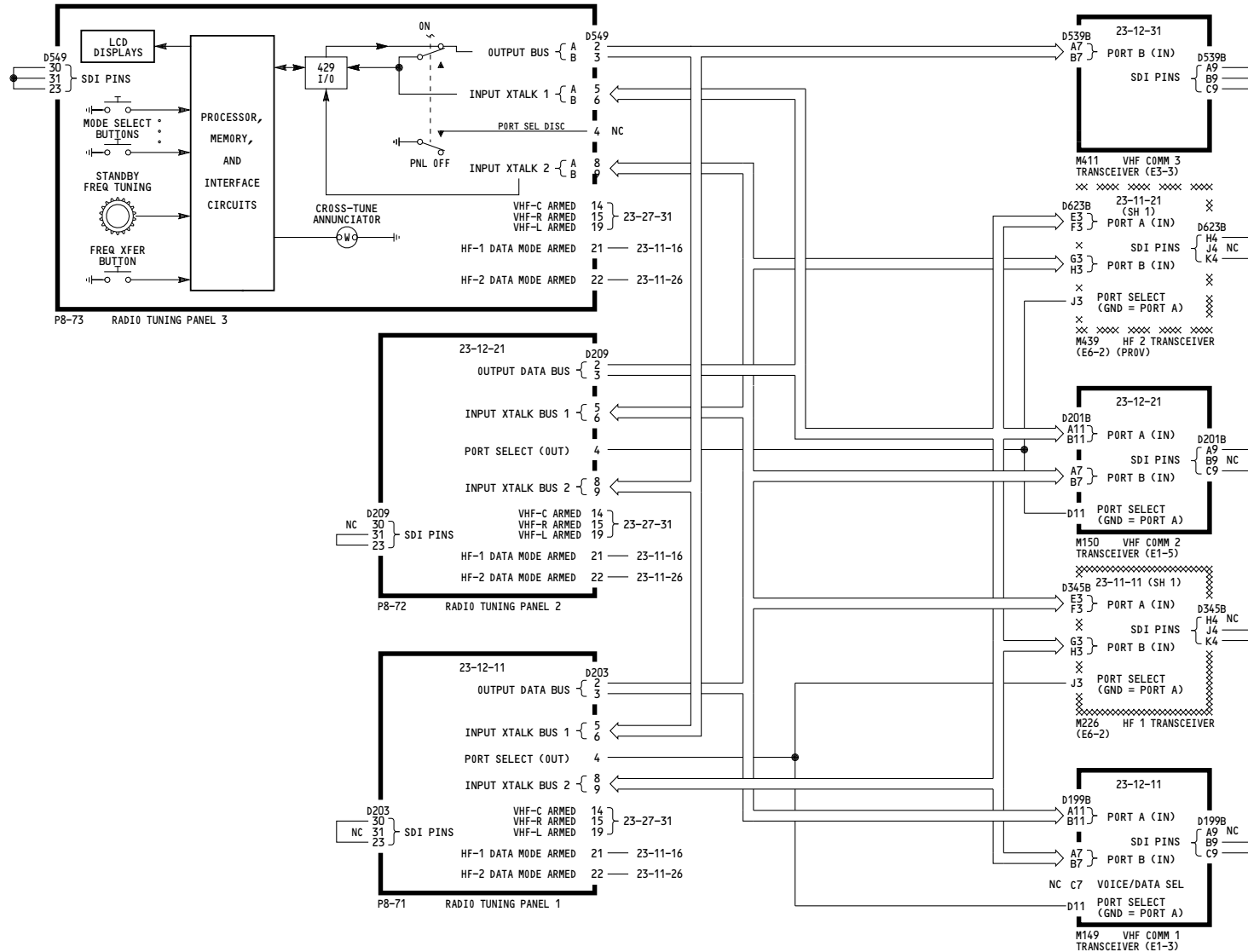
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737-800 SYSTEM SCHEMATIC MANUAL

-A WIRING DIAGRAMS
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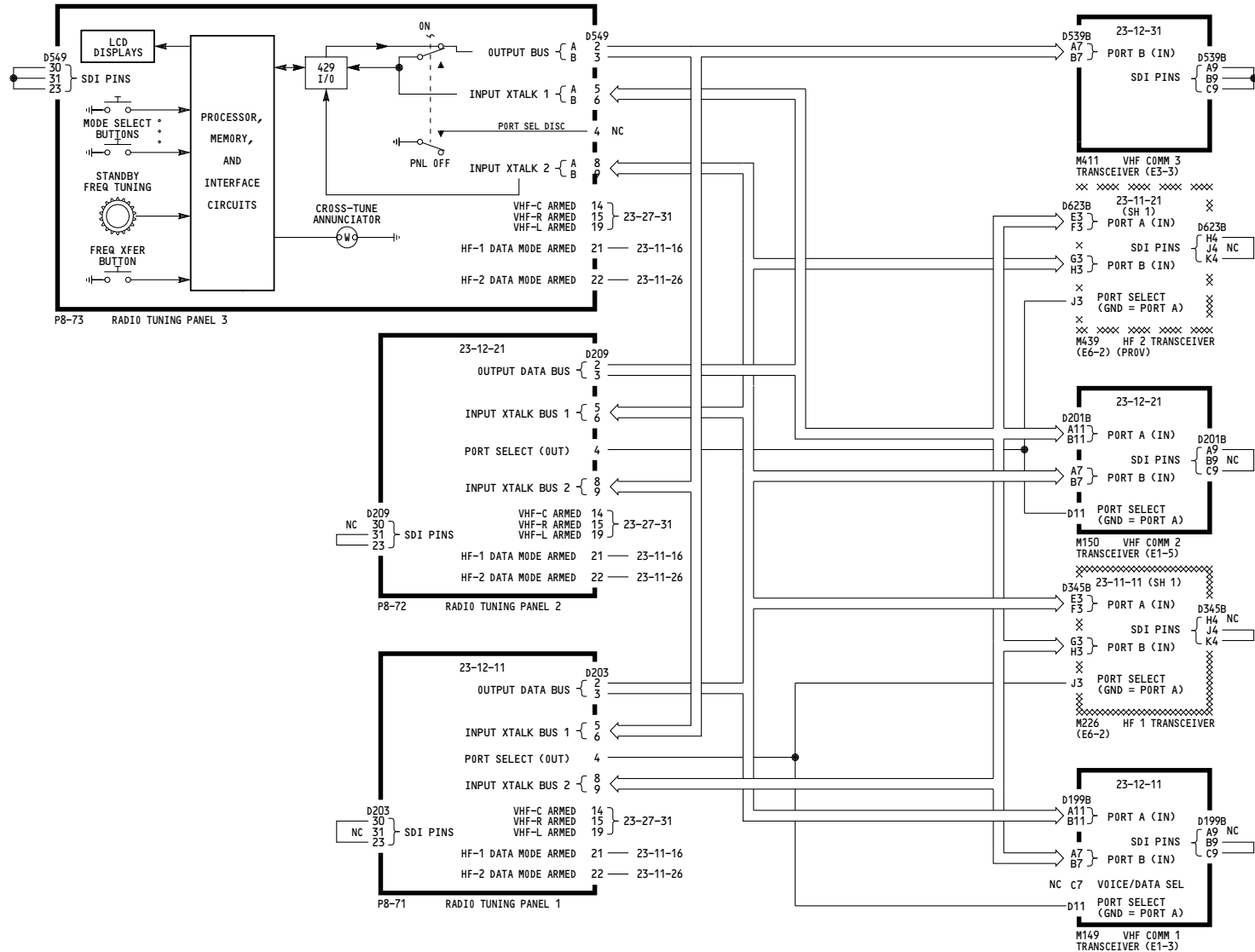
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737-800 SYSTEM SCHEMATIC MANUAL

WIRING DIAGRAMS
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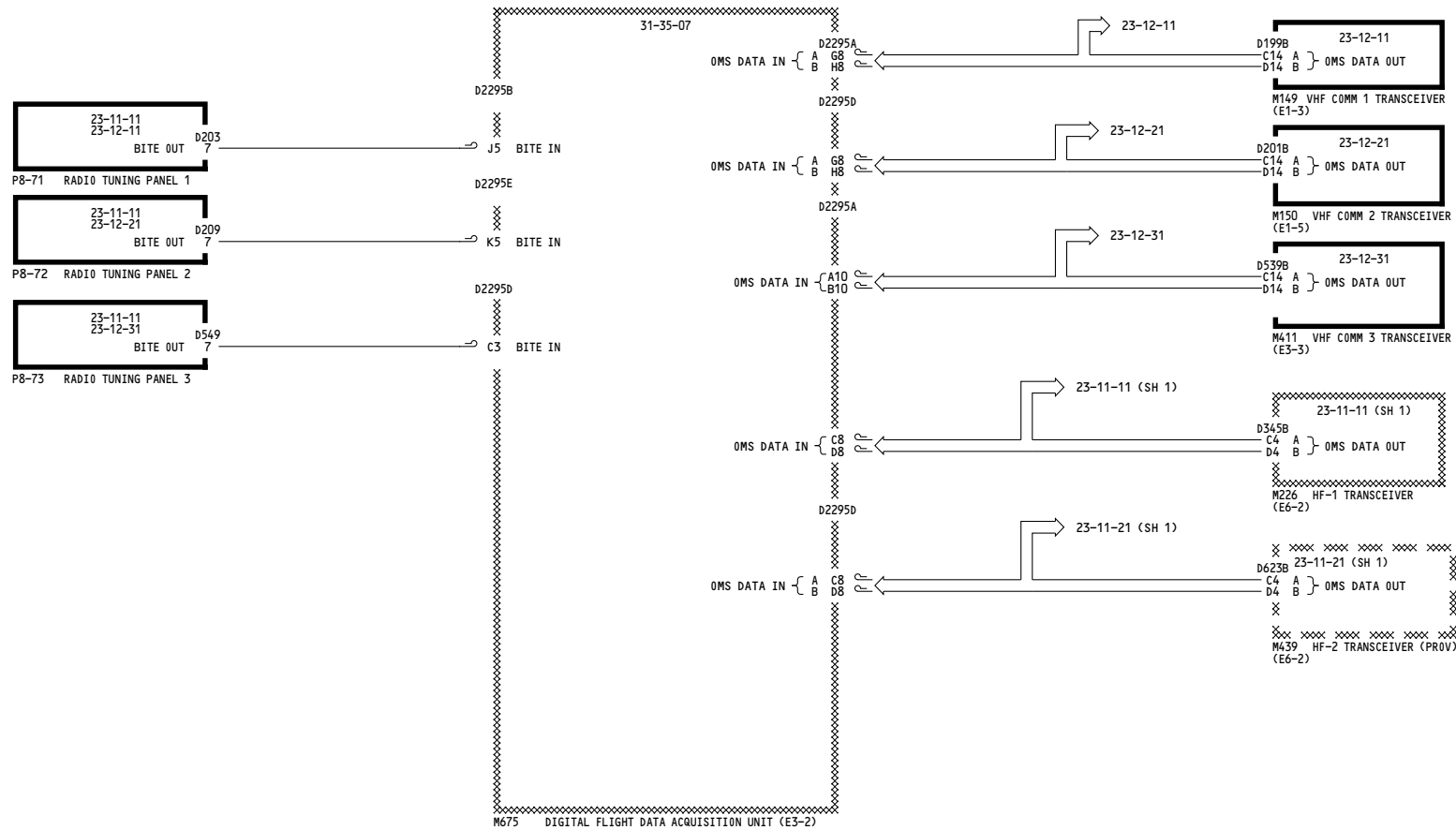
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VHF/HF COMMUNICATIONS

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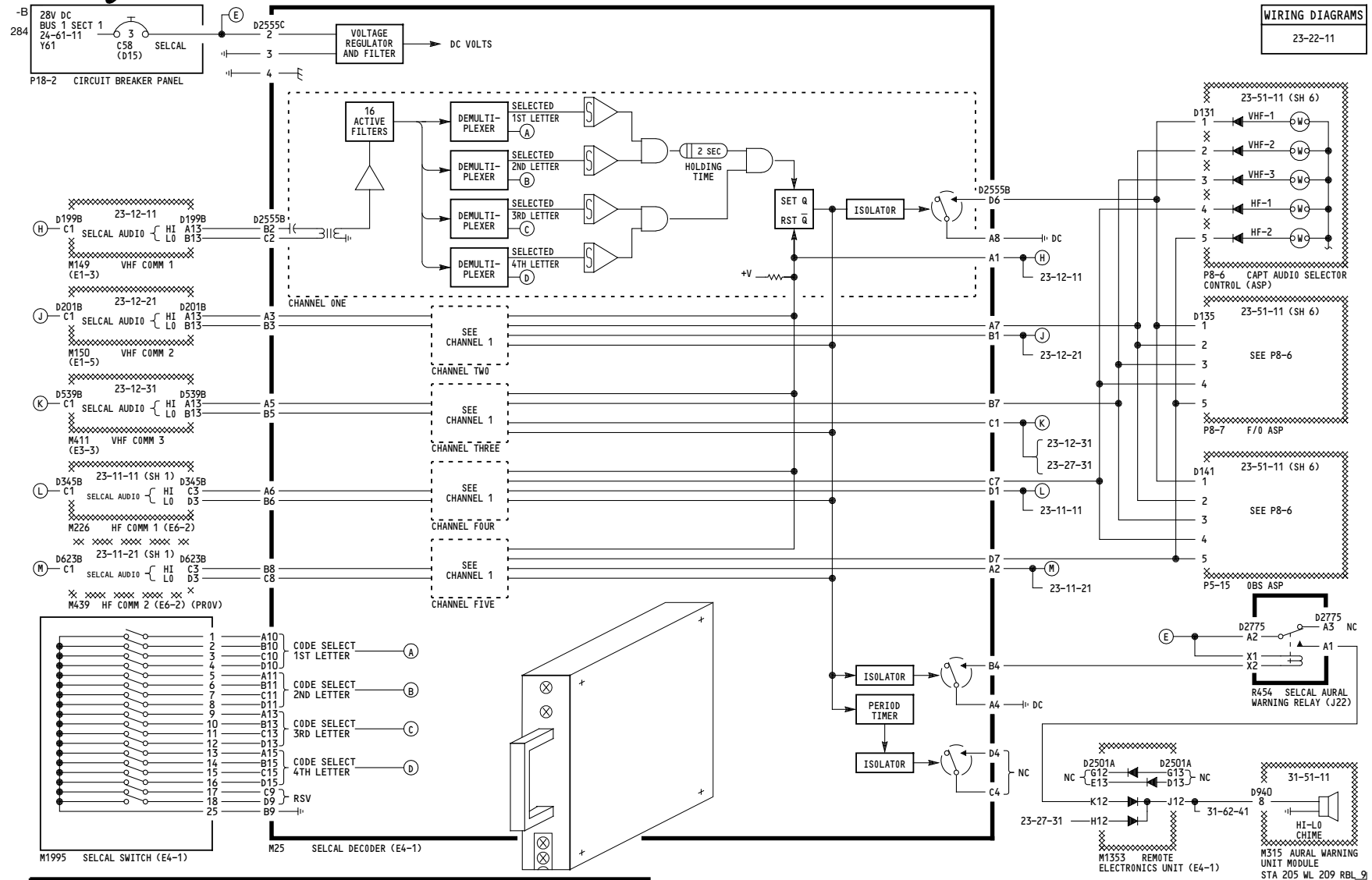
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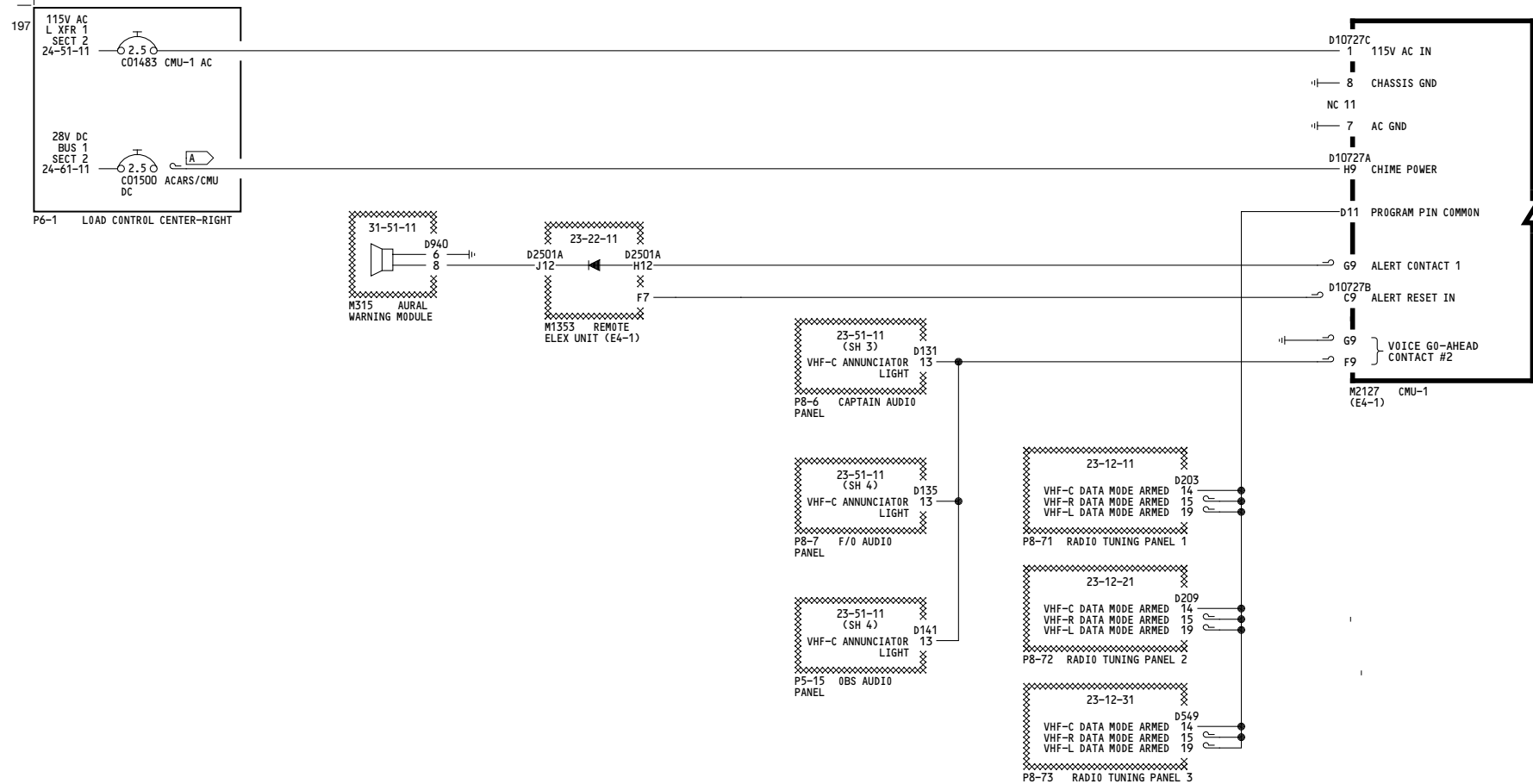
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COLLAR AND LABEL INOP

ALL	ACARS/CMU - POWER & CONTROL
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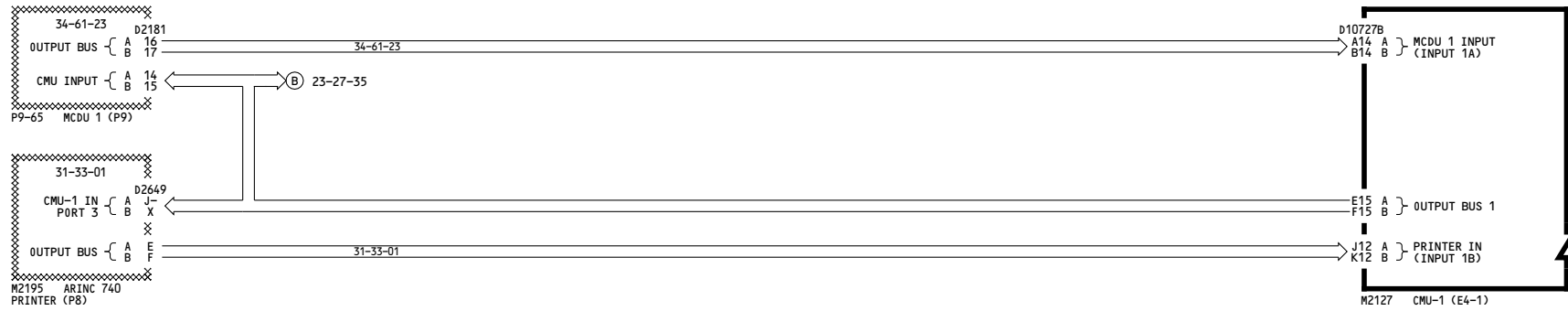
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ALL

ACARS/CMU -
OUTPUT BUS 1
INTERFACES

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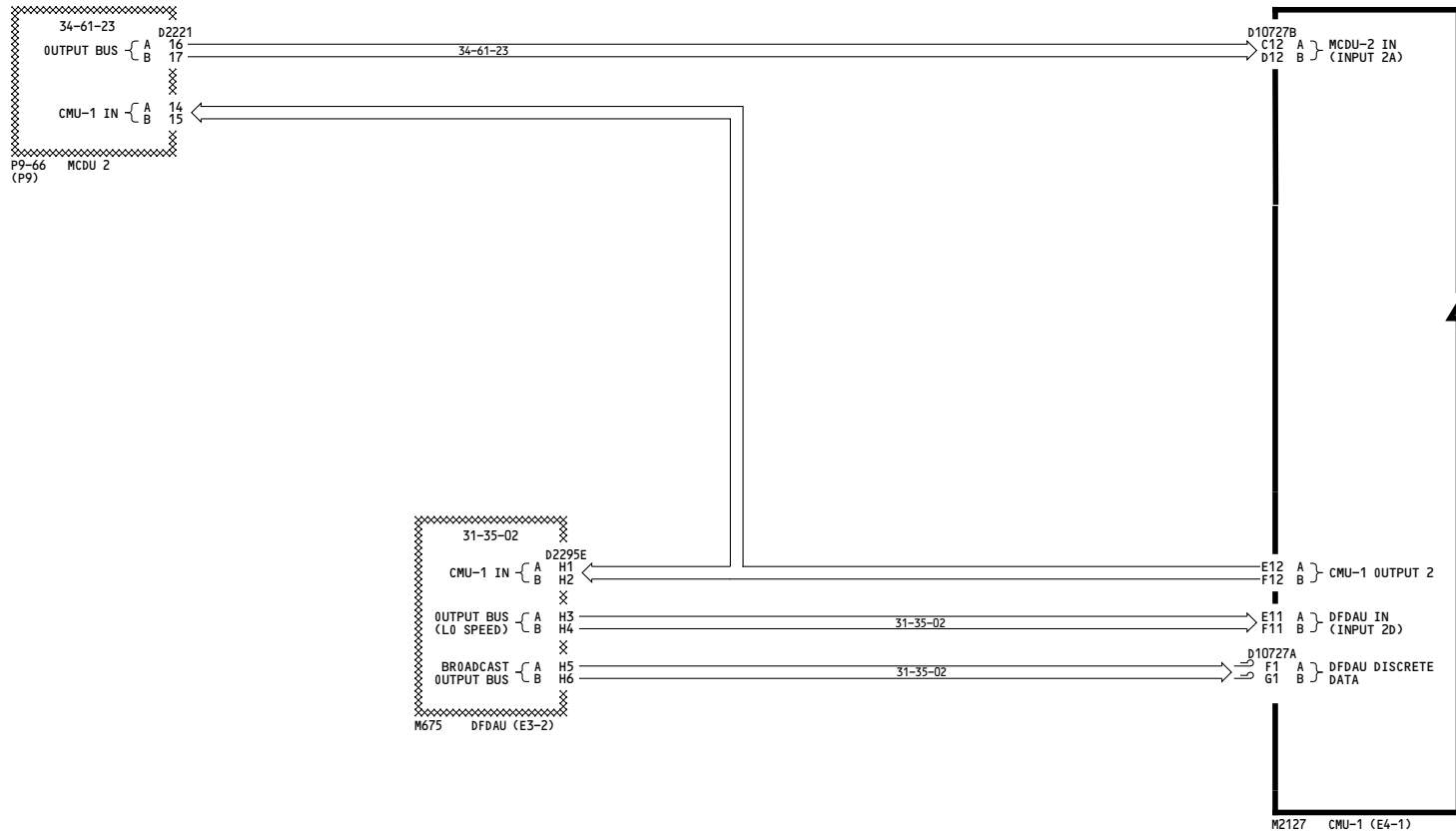
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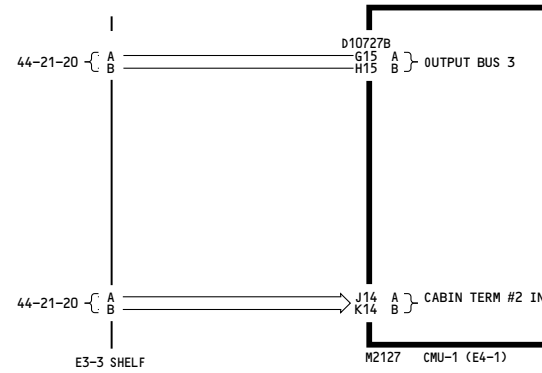


ALL	ACARS/CMU - OUTPUT BUS 2 INTERFACES
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YT101-YT120

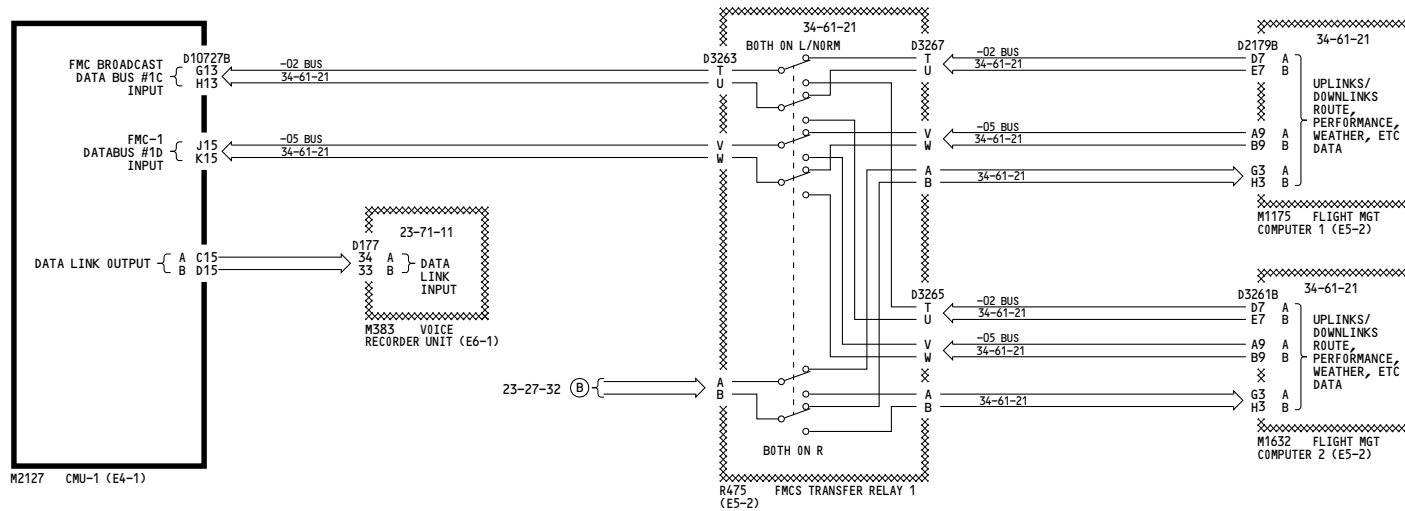
**ACARS/CMU -
OUTPUT BUS 3
INTERFACES**

D280A451

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Mar 14/2016

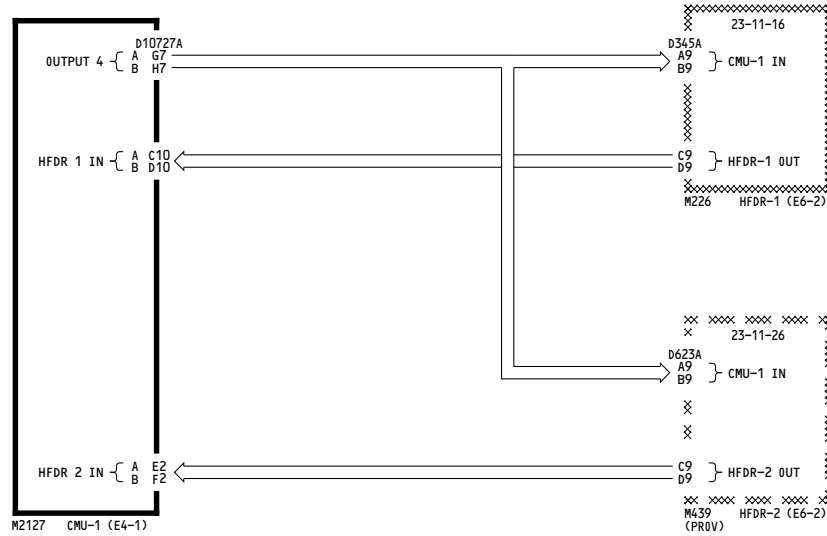


ALL	ACARS/CMU - 716 VHF AND FMC INTERFACES
	D280A451

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YT101-YT105

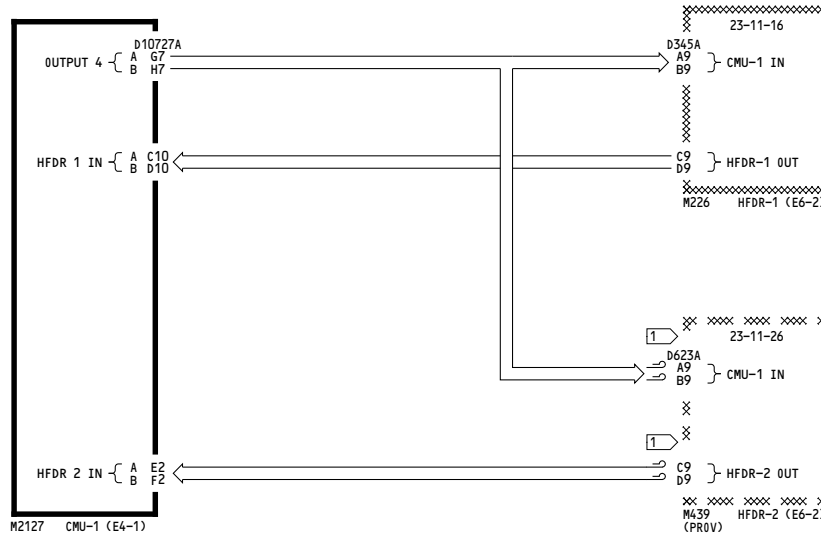
**ACARS/CMU -
OUTPUT BUS 4 INTERFACES**

D280A451

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NOTES:

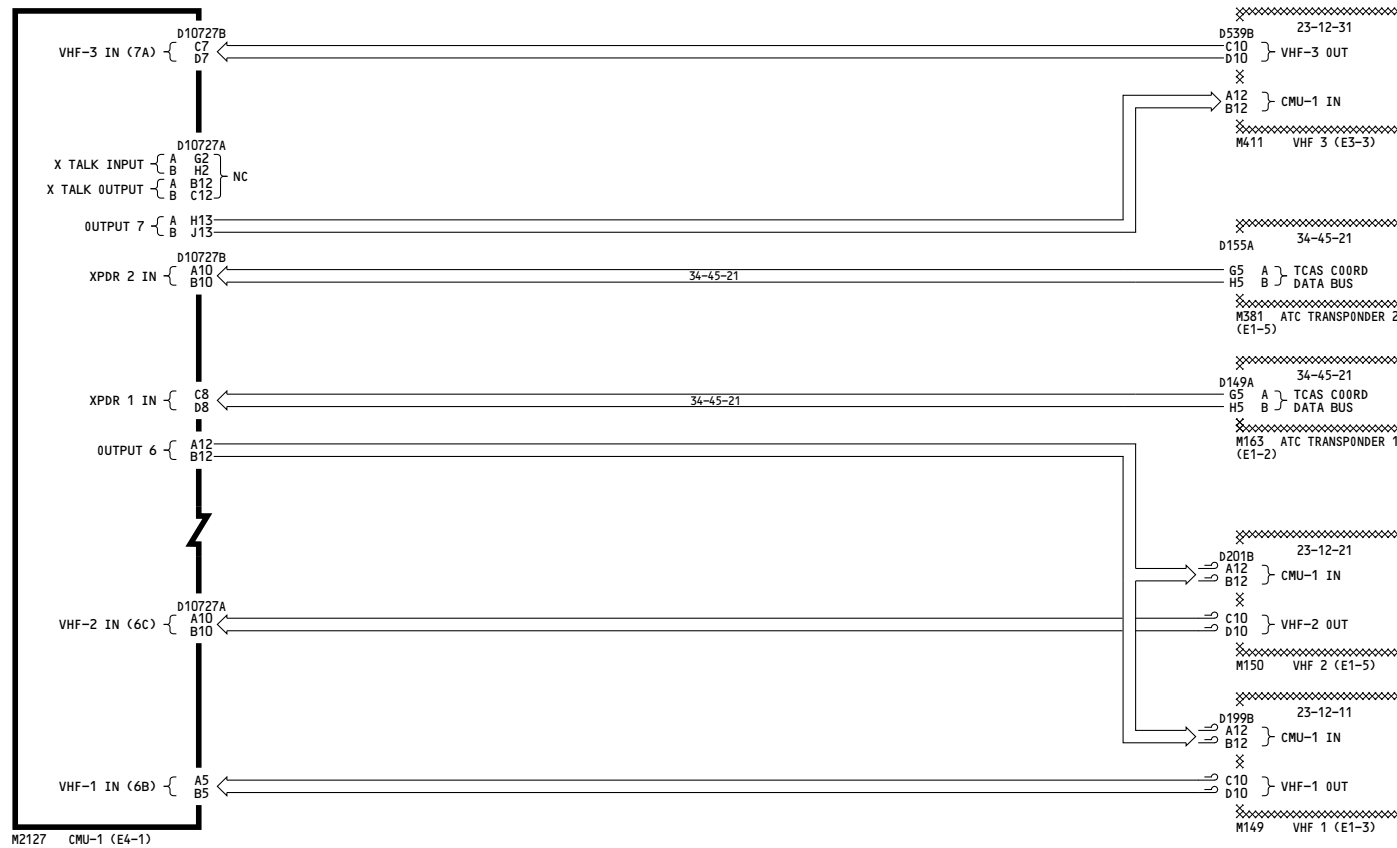
1 CAP & STOW NEAR CONNECTOR D623A

YT106-YT133	<p>ACARS/CMU - OUTPUT BUS 4 INTERFACES</p> <p>D280A451</p>
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ALL

**ACARS/CMU -
OUTPUT BUS 6 AND BUS 7
INTERFACES**

D280A451

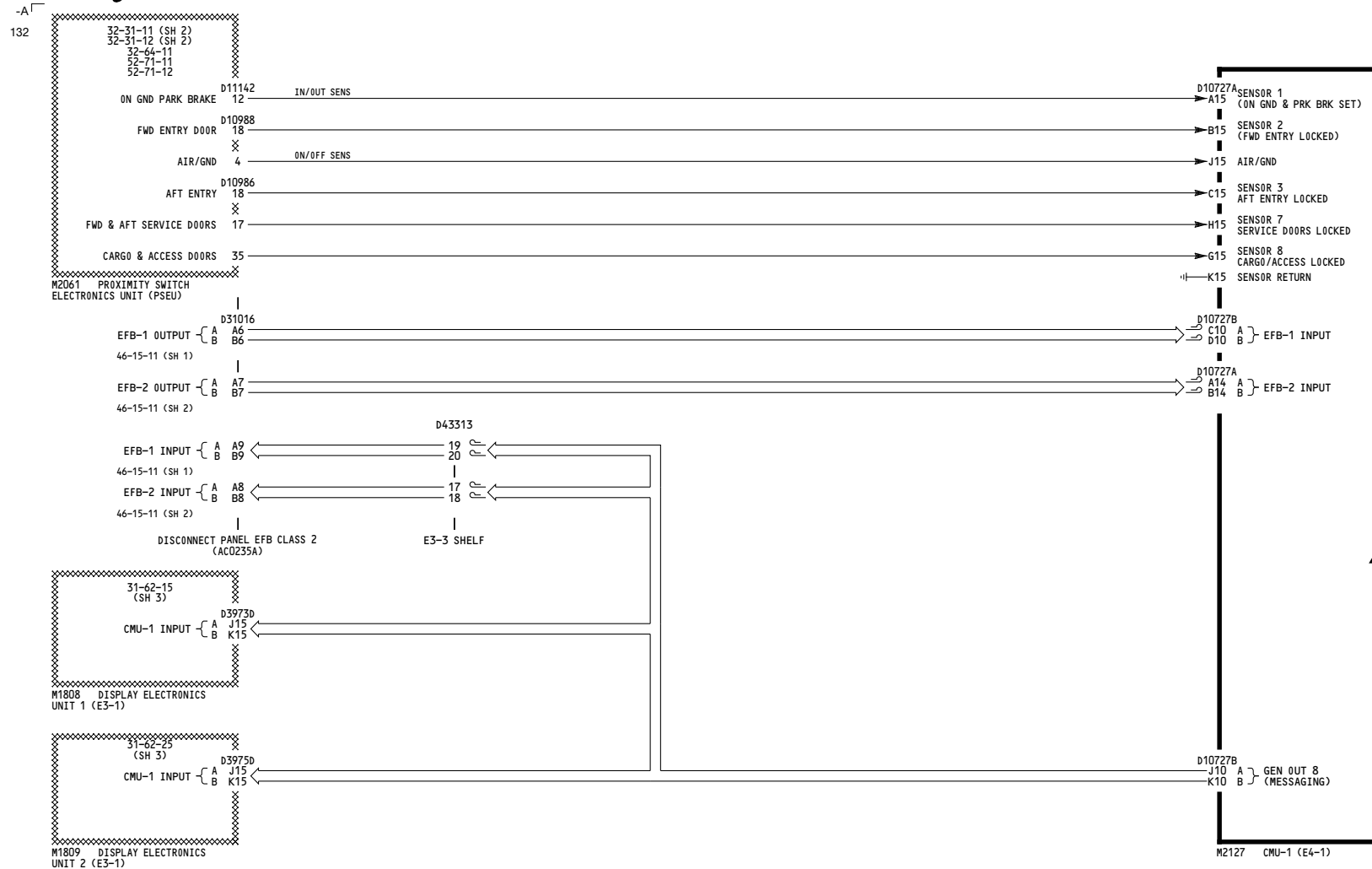
23-27-37

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737-800 SYSTEM SCHEMATIC MANUAL



YT101-YT120

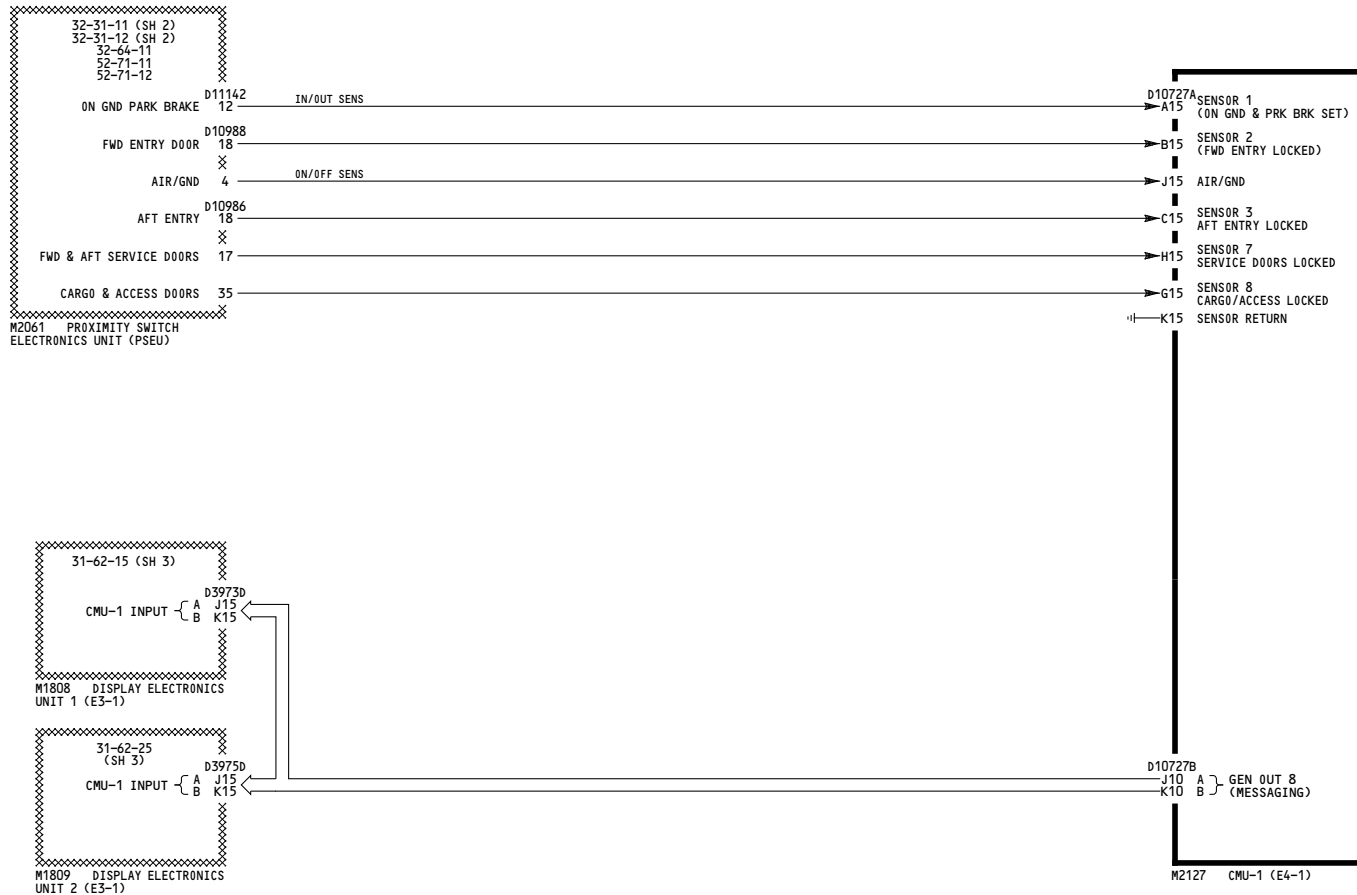
ACARS/CMU -
OOOI, CREW ADVISORIES
AND OUTPUT 8

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23-27-38

Page 101

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YT126-YT133

**ACARS/CMU -
OOOI, CREW ADVISORIES
AND OUTPUT 8**

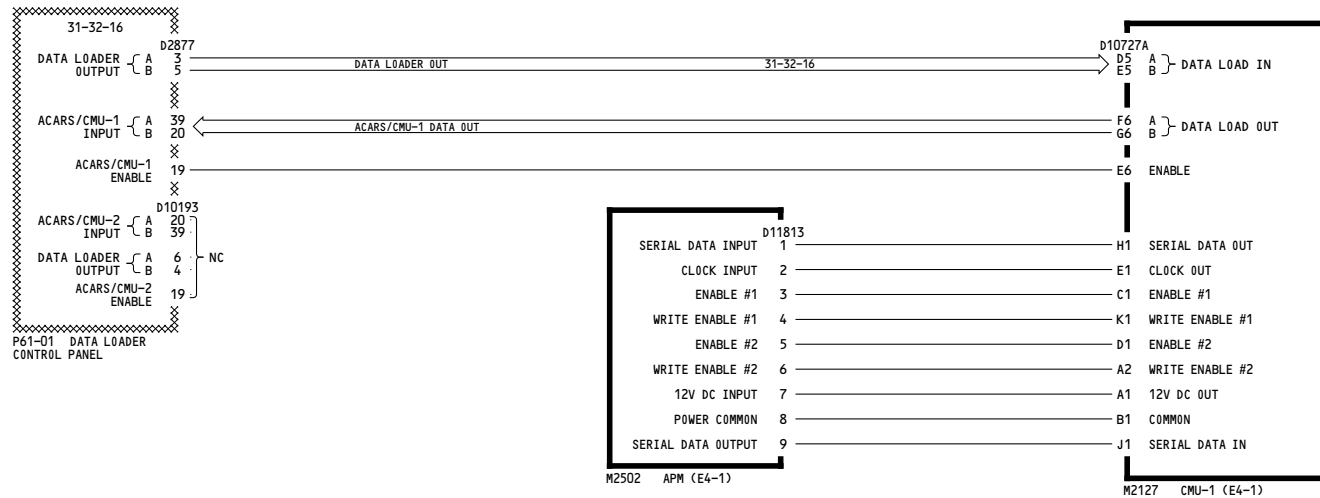
D280A451

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ALL

**ACARS/CMU -
DATA LOADER AND
PROGRAM PINS**

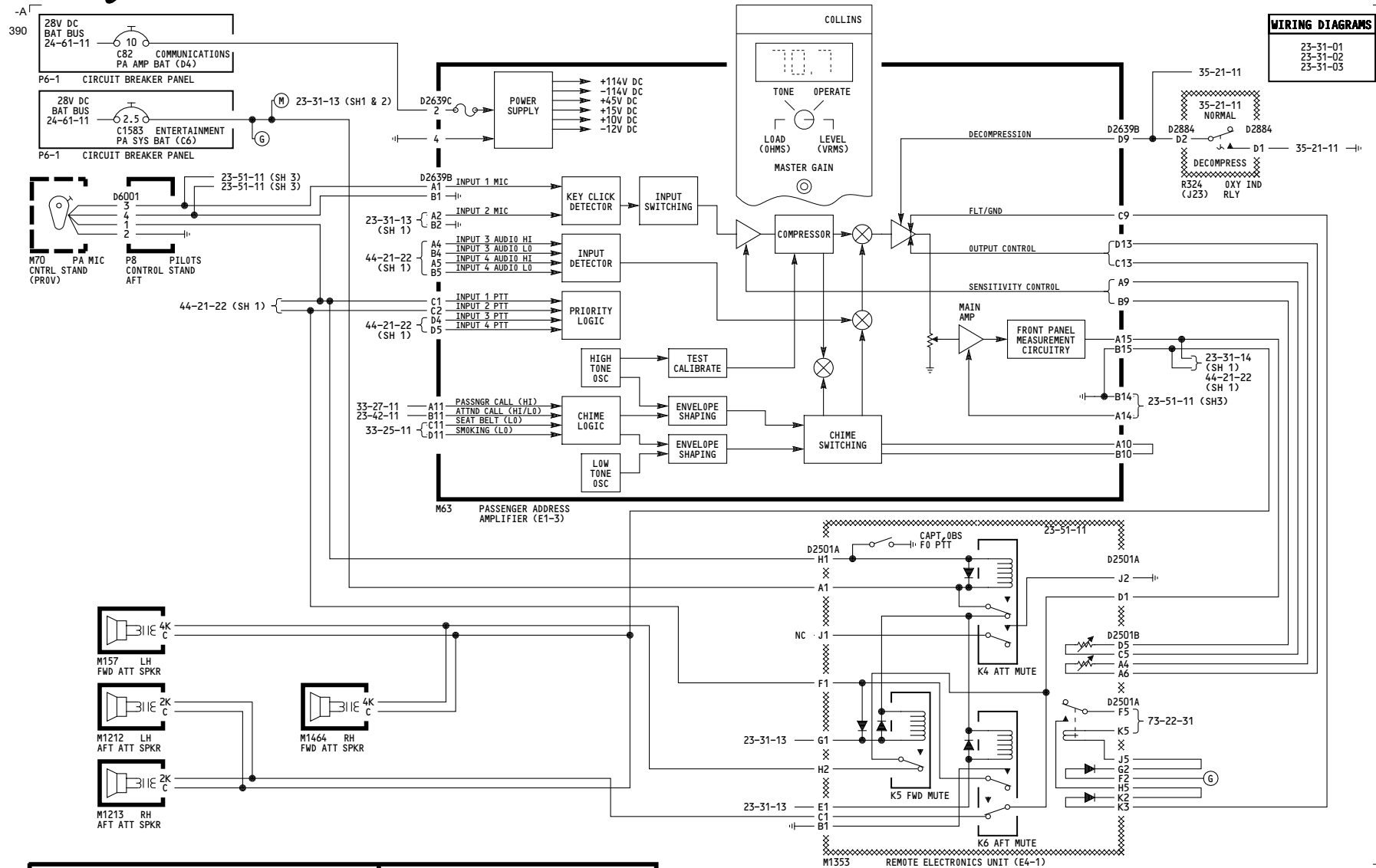
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YT101-YT118, YT126-YT133

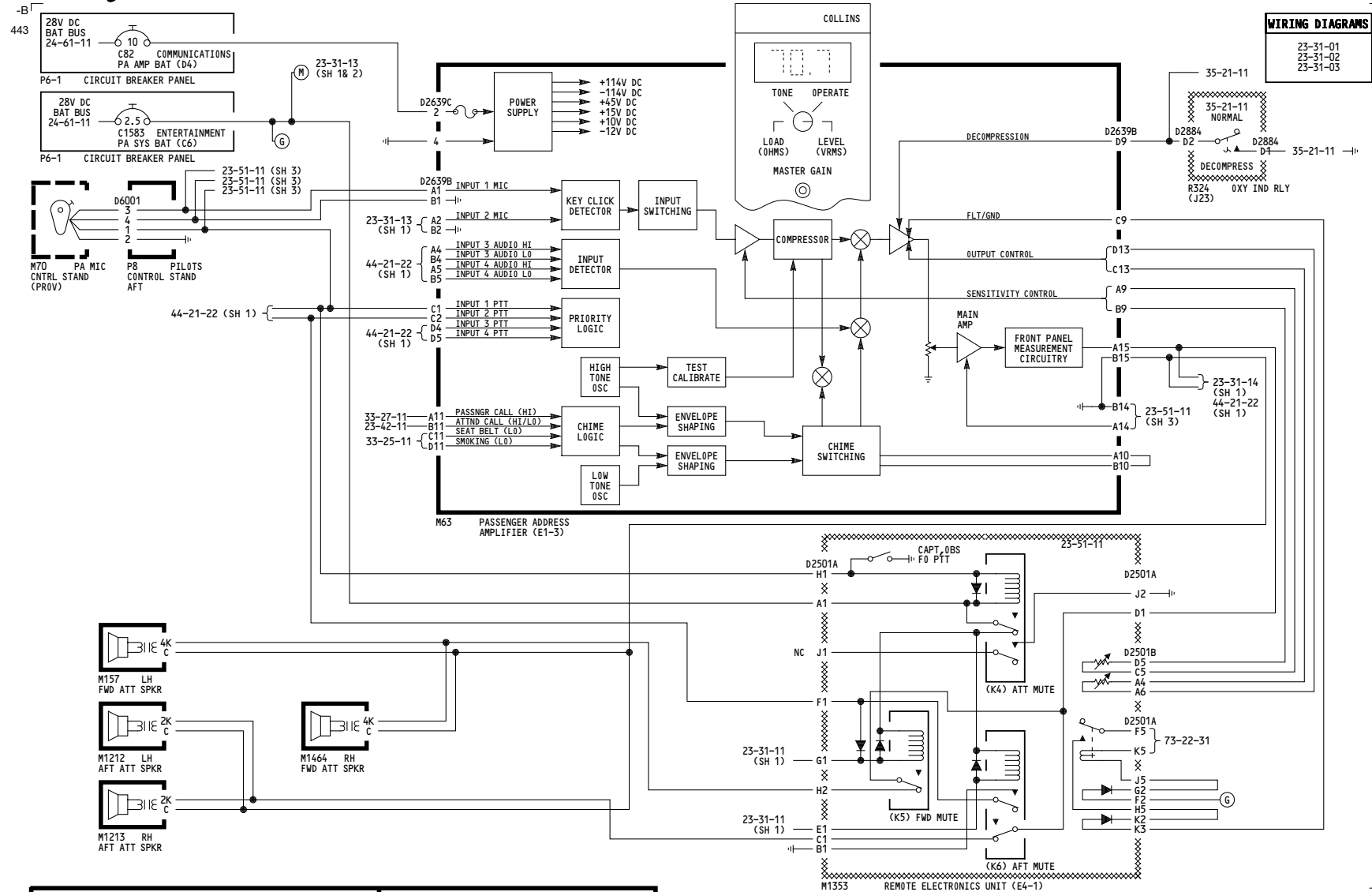
PASSENGER ADDRESS SYSTEM

D280A451

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YT119-YT120

PASSENGER ADDRESS SYSTEM

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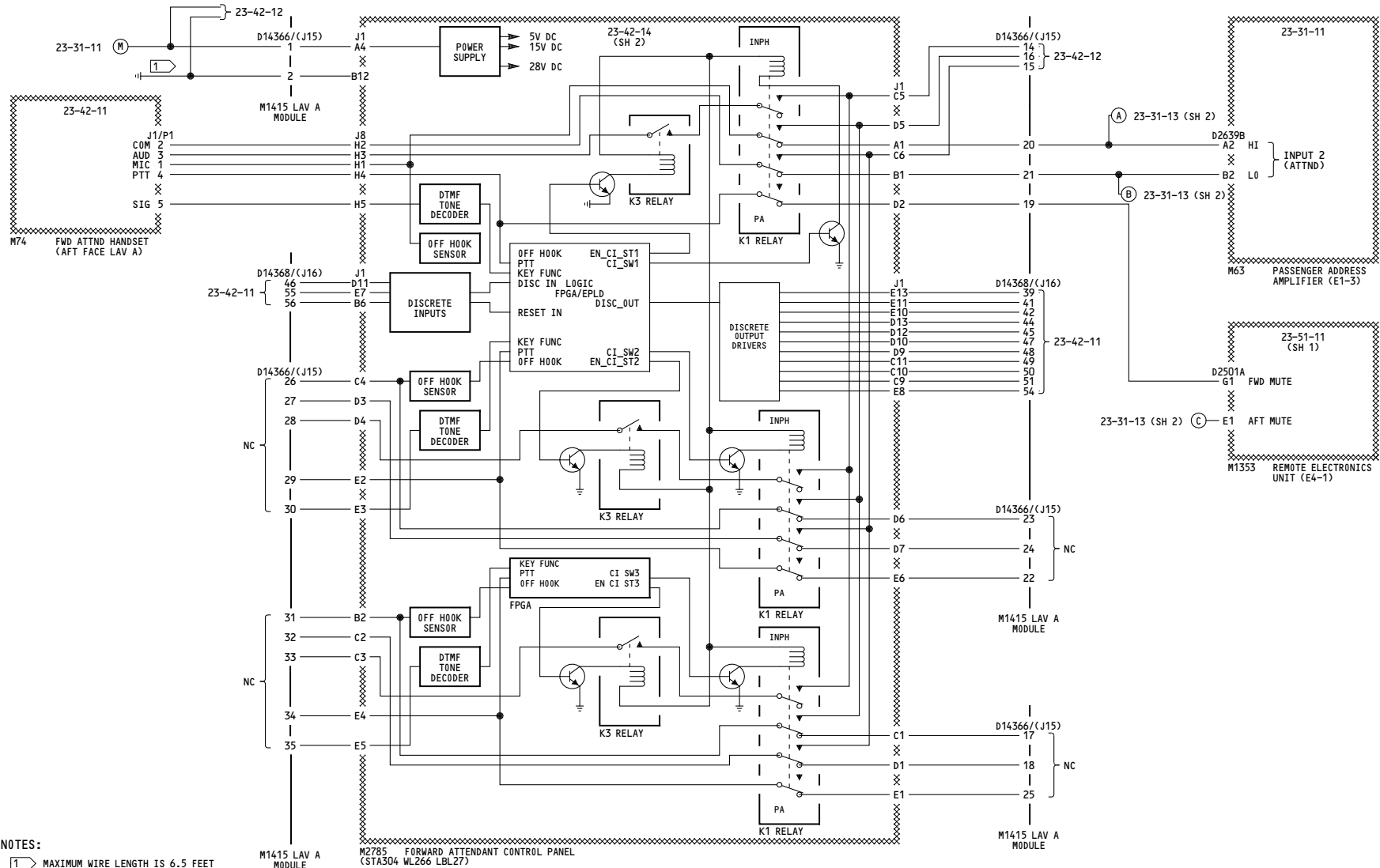
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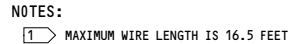
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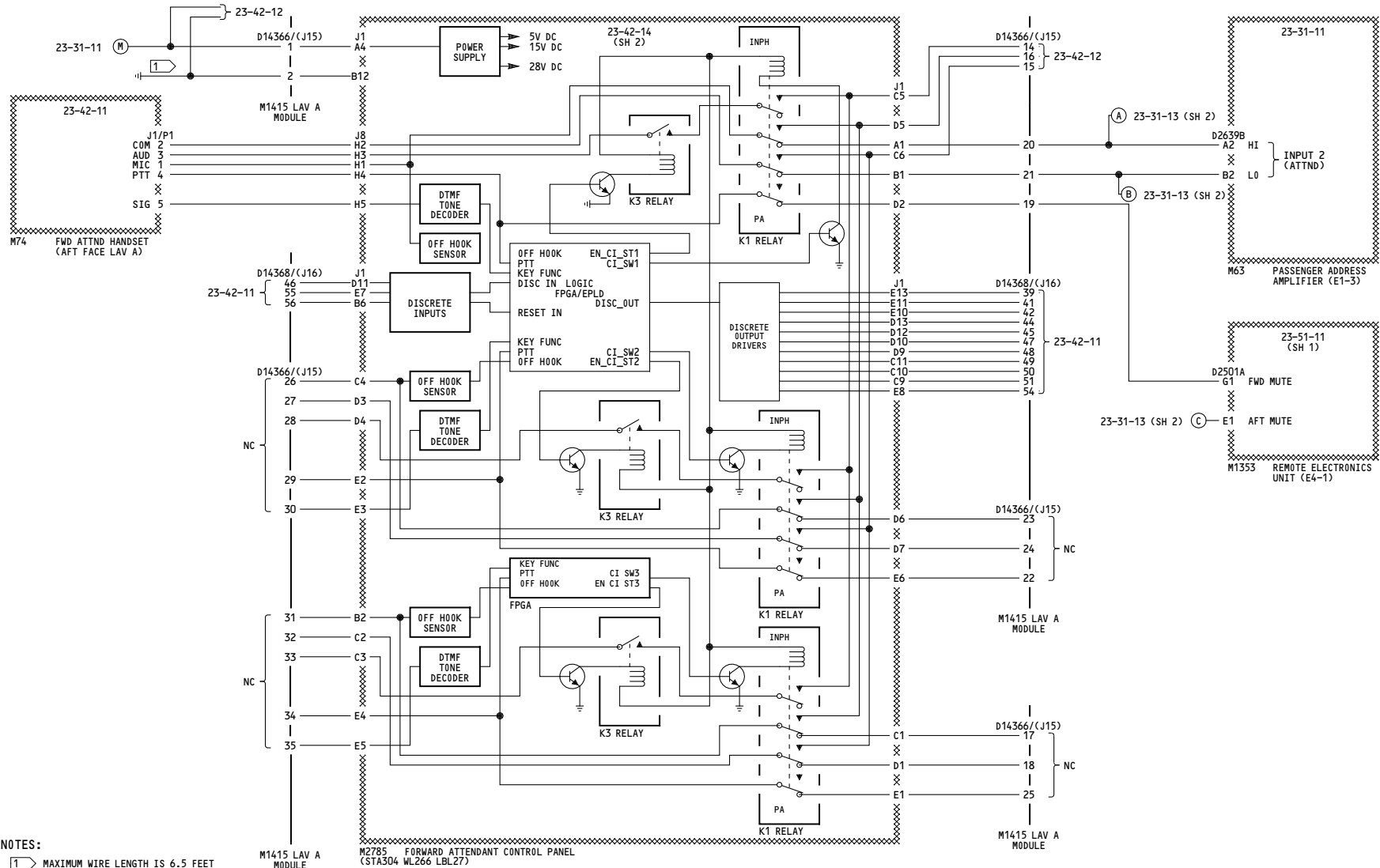


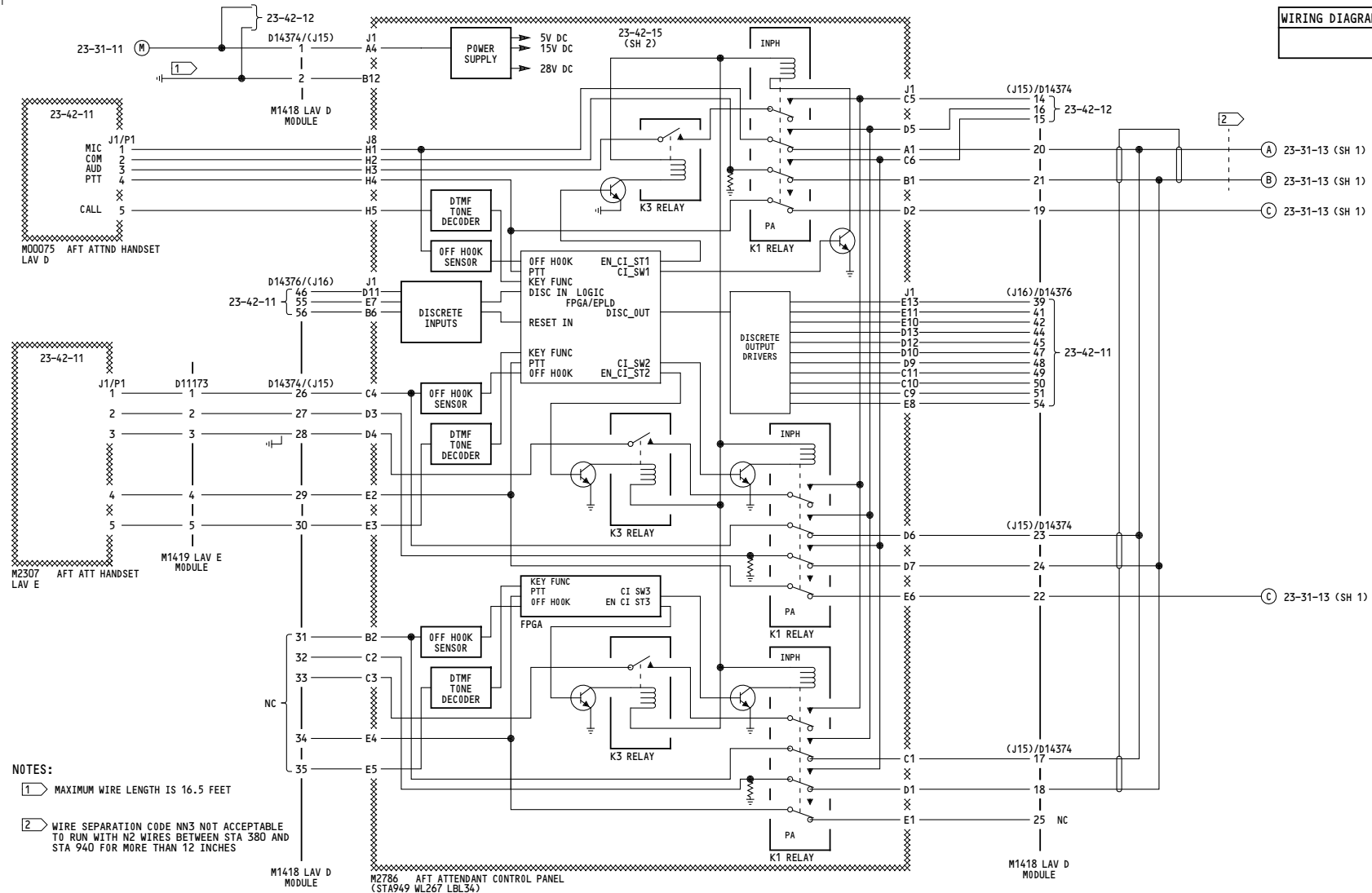
INTEGRATED HANDSET CONTROLLER

23-31-13

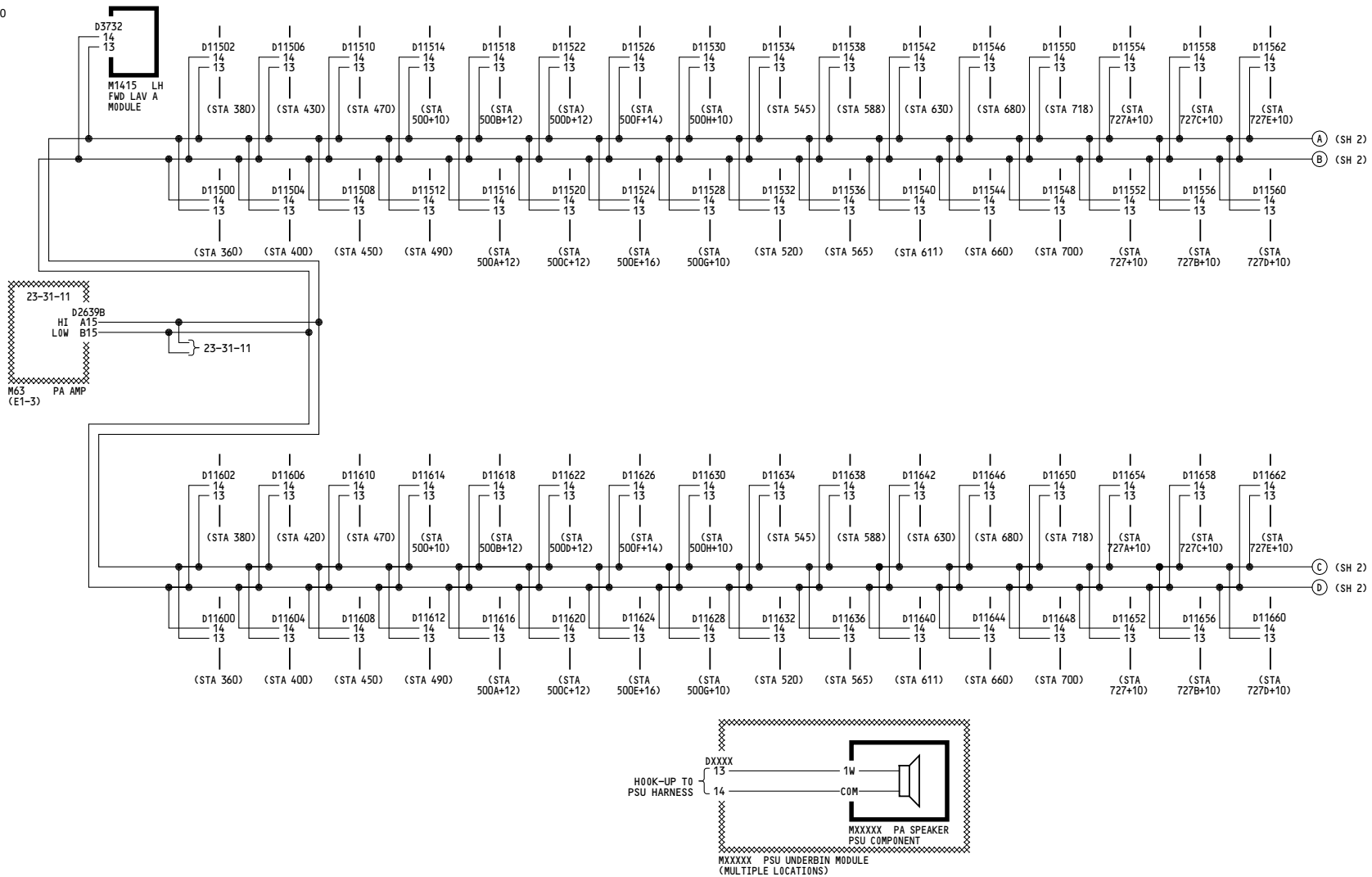
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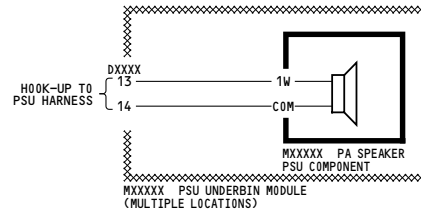
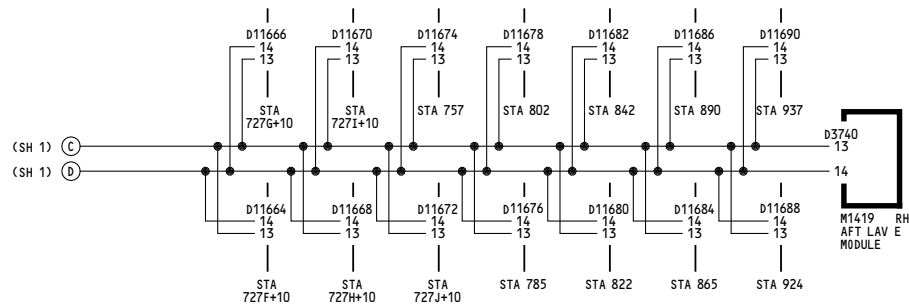
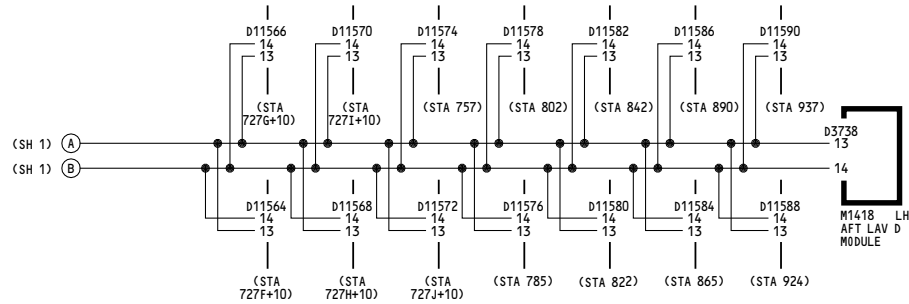
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**PASSENGER ADDRESS SYSTEM
SPEAKERS**

D280A451

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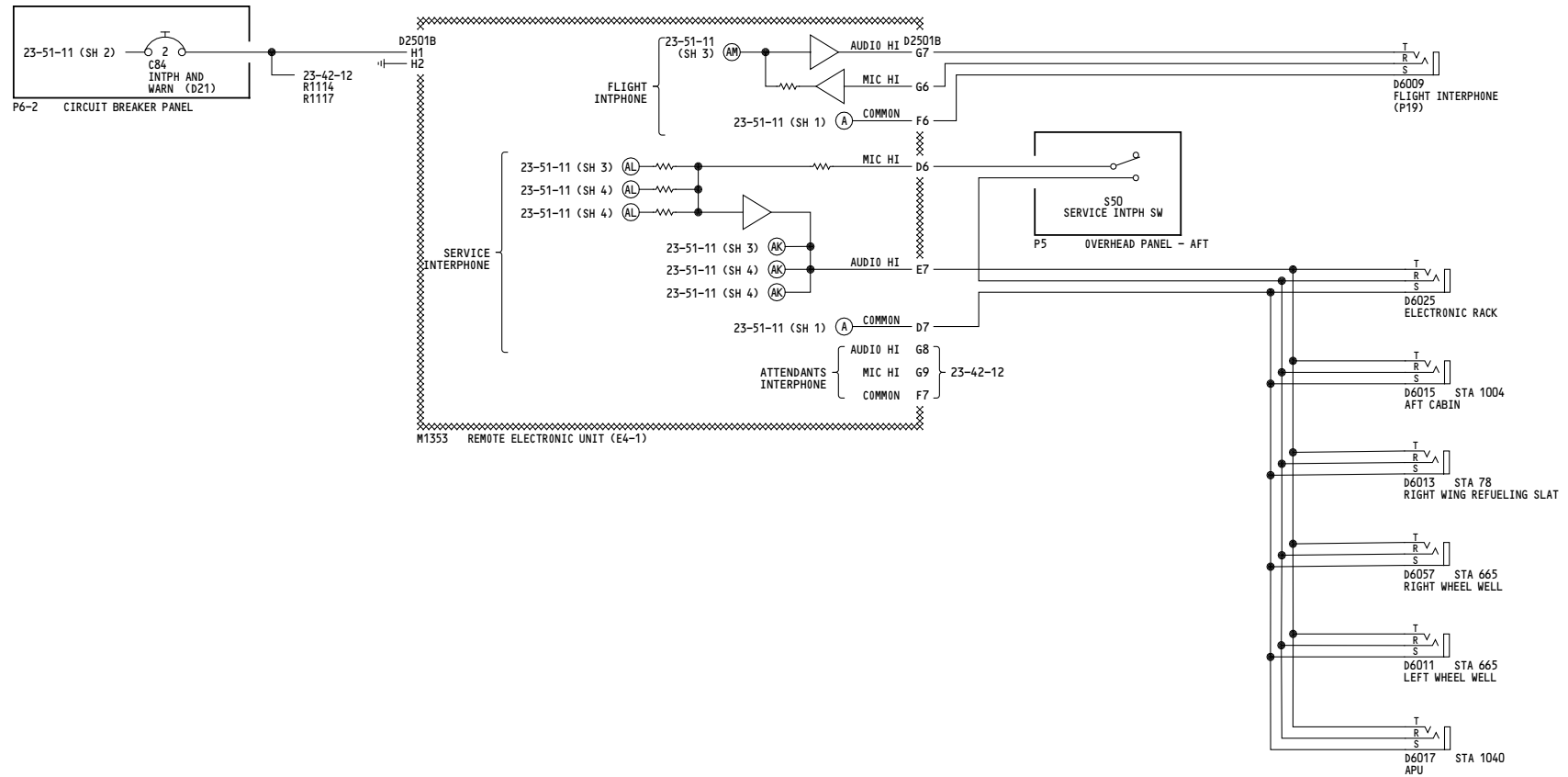
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**PASSENGER ADDRESS SYSTEM
SPEAKERS**

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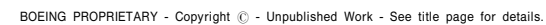
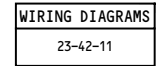


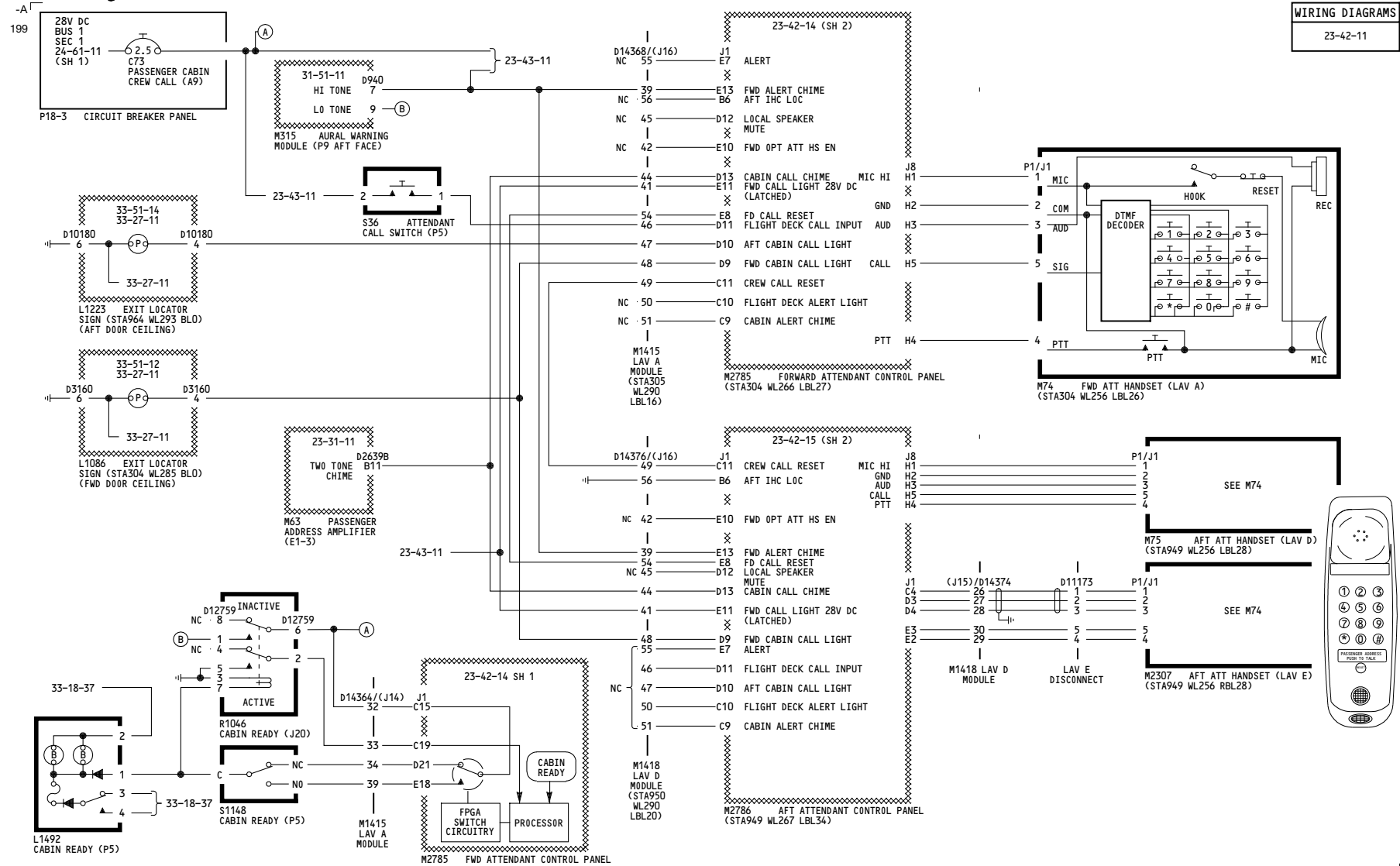
ALL	INTERPHONE ATTENDANT AND SERVICE
	D280A451

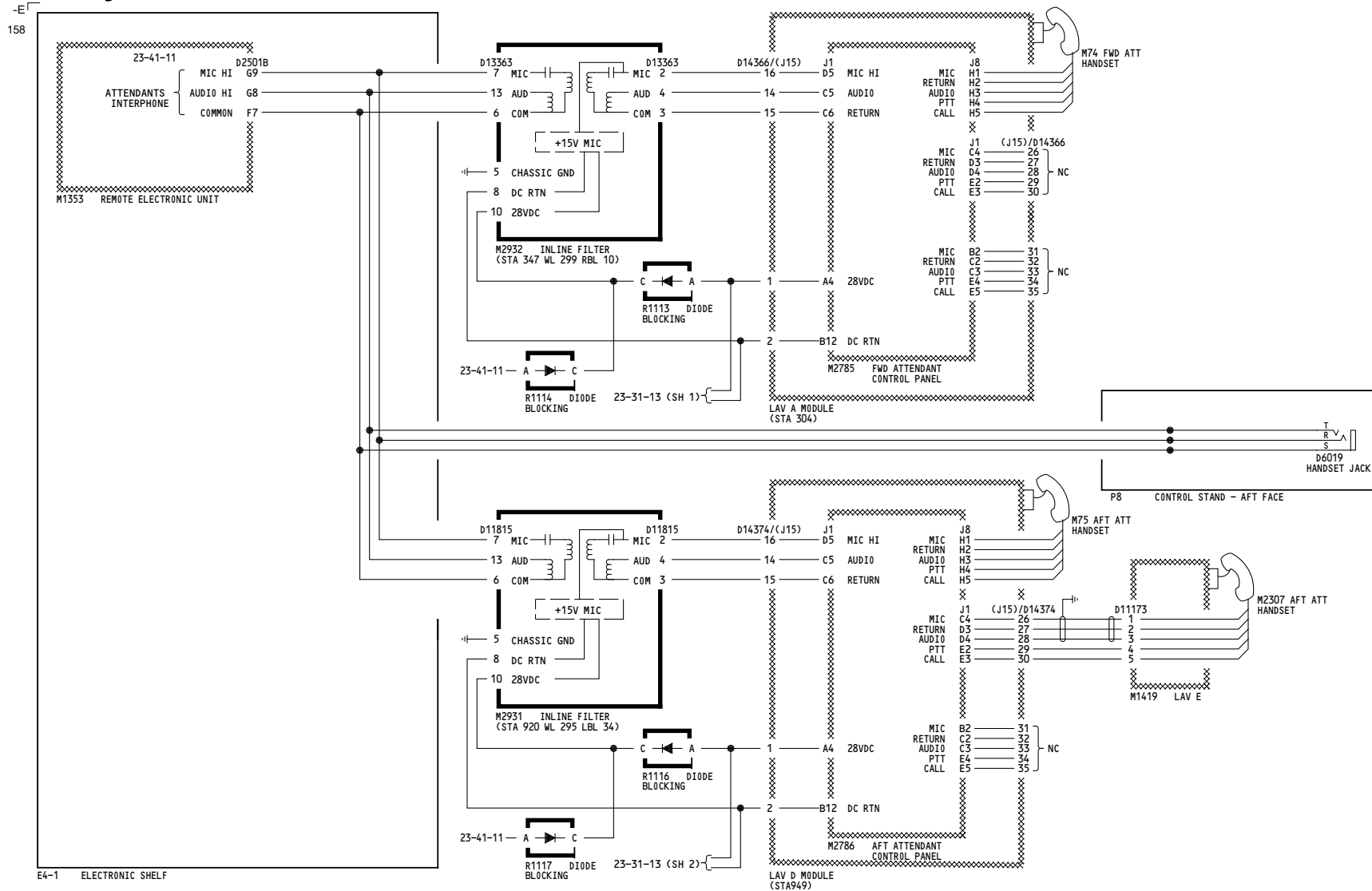
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ALL

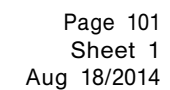
CABIN INTERPHONE - BASELINE HANDSETS

D280A451

23-42-12

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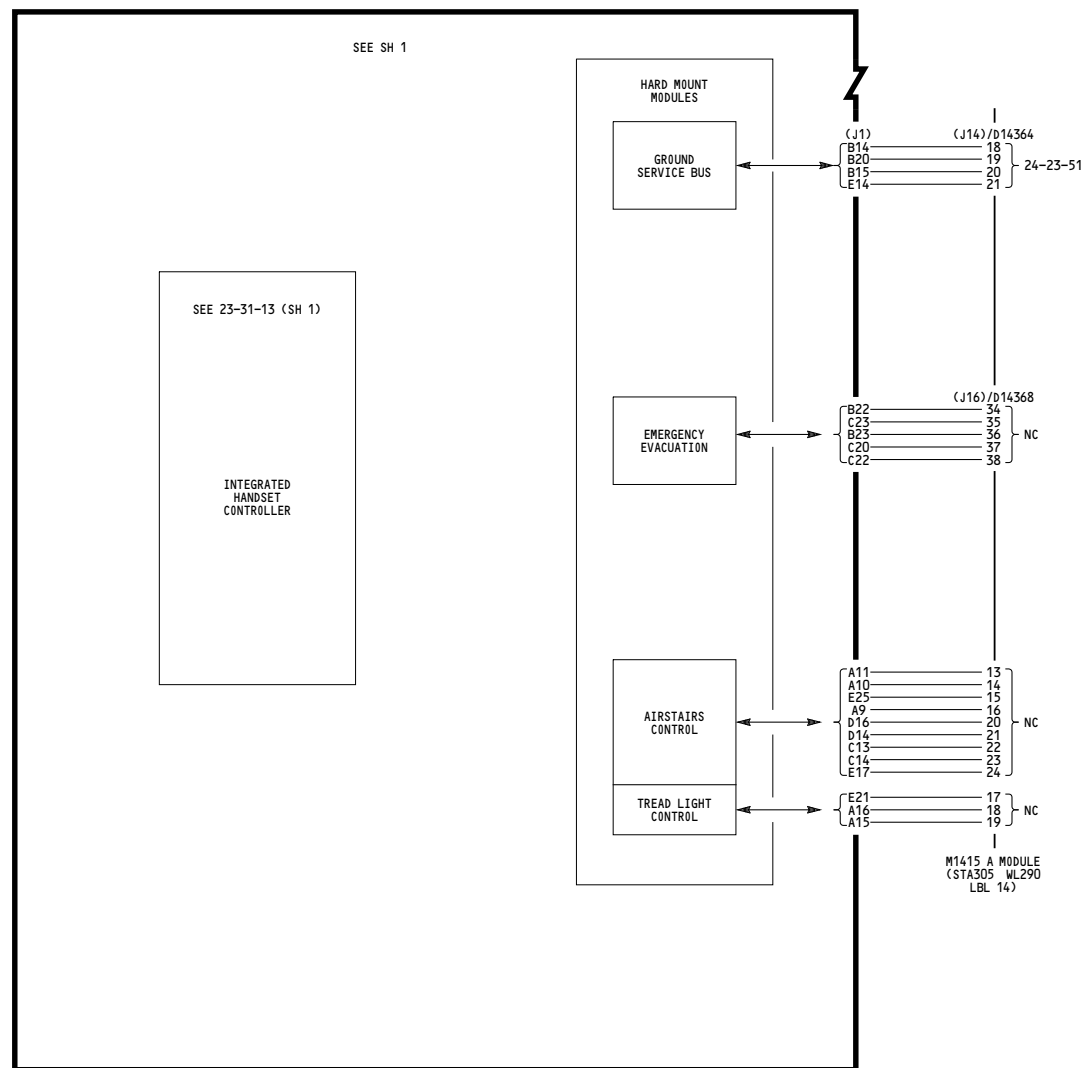
Jun 21/2016



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WIRING DIAGRAMS

23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

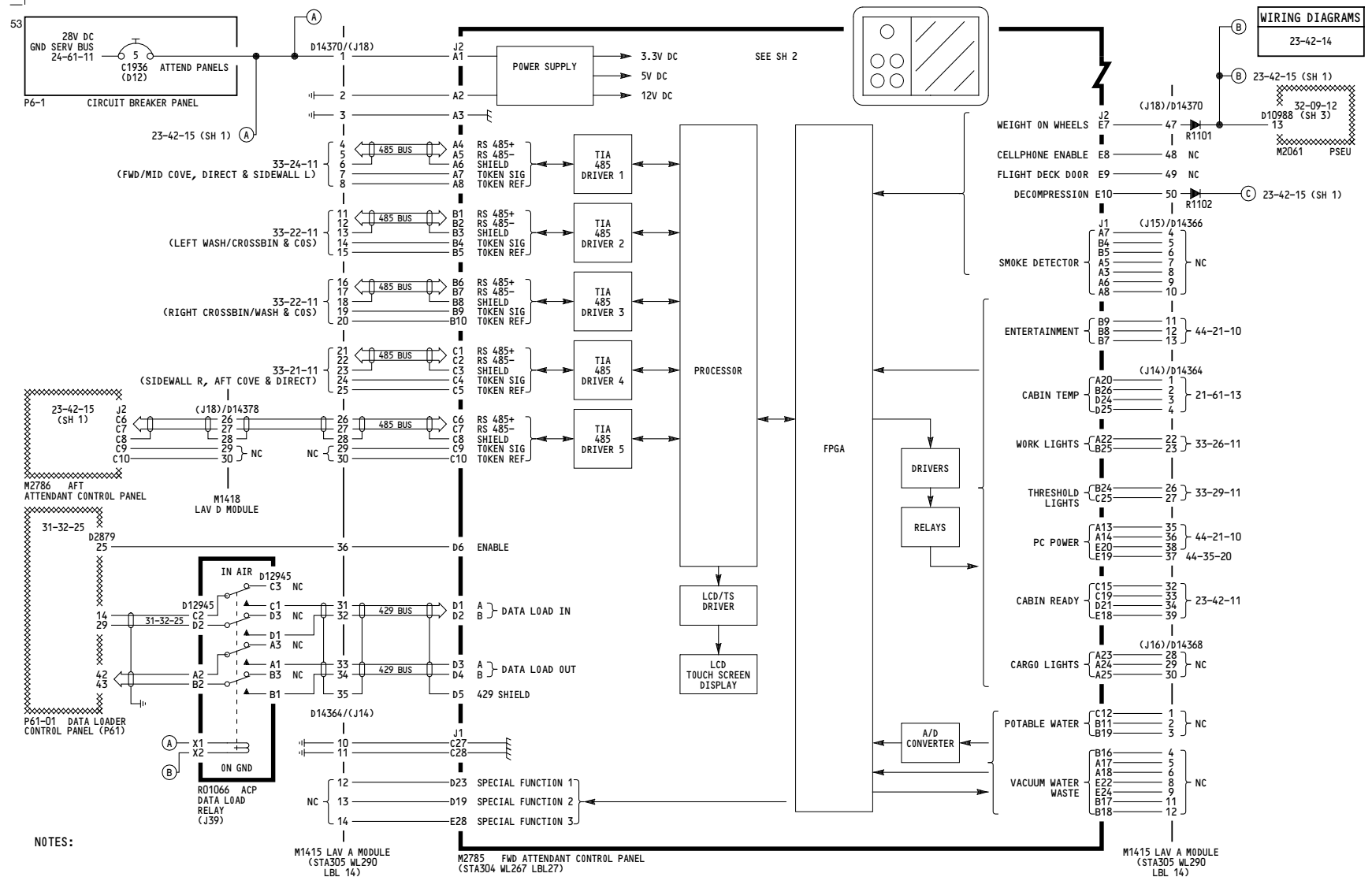
YT101-YT105

**FORWARD ATTENDANT
CONTROL PANEL**

D280A451

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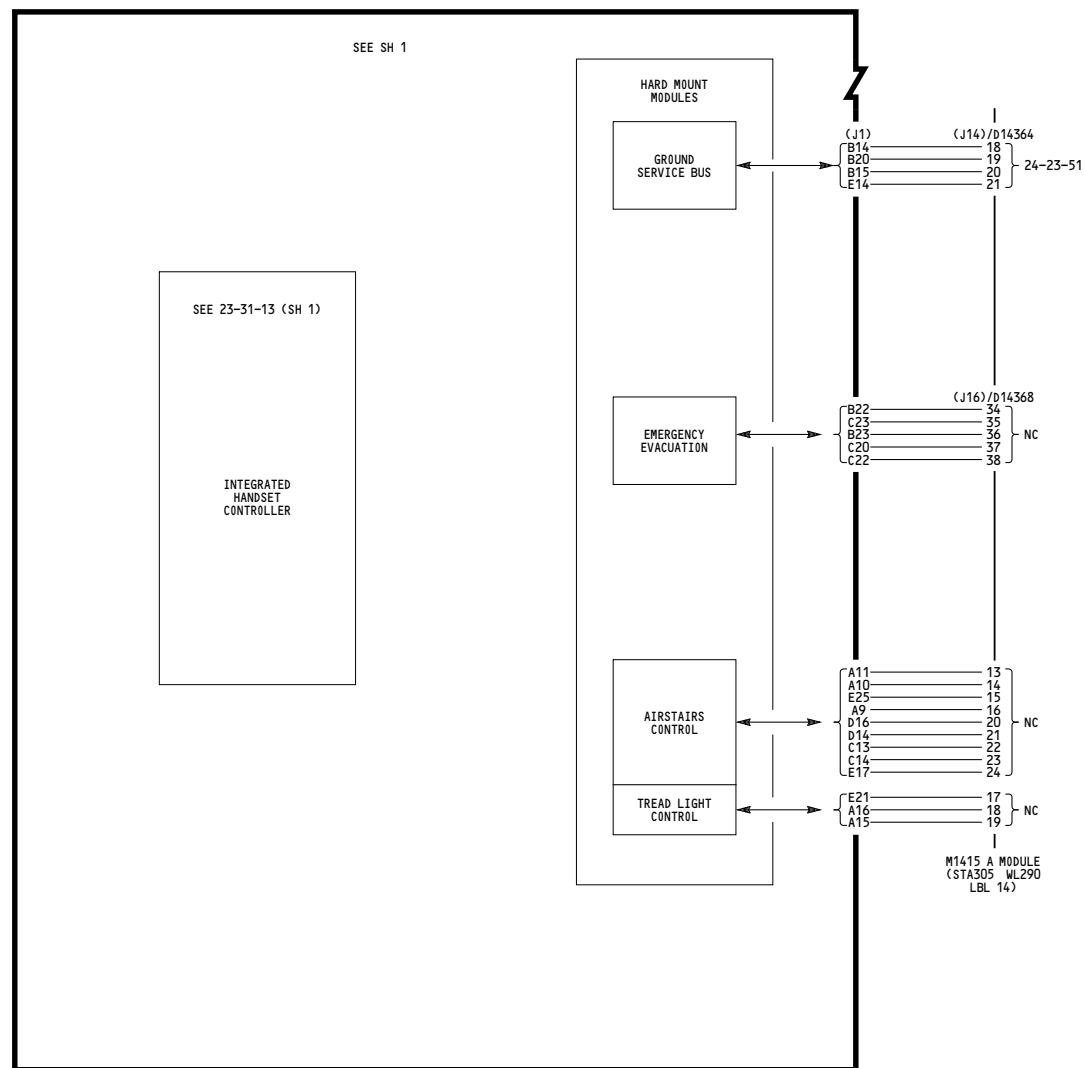


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WIRING DIAGRAMS

23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

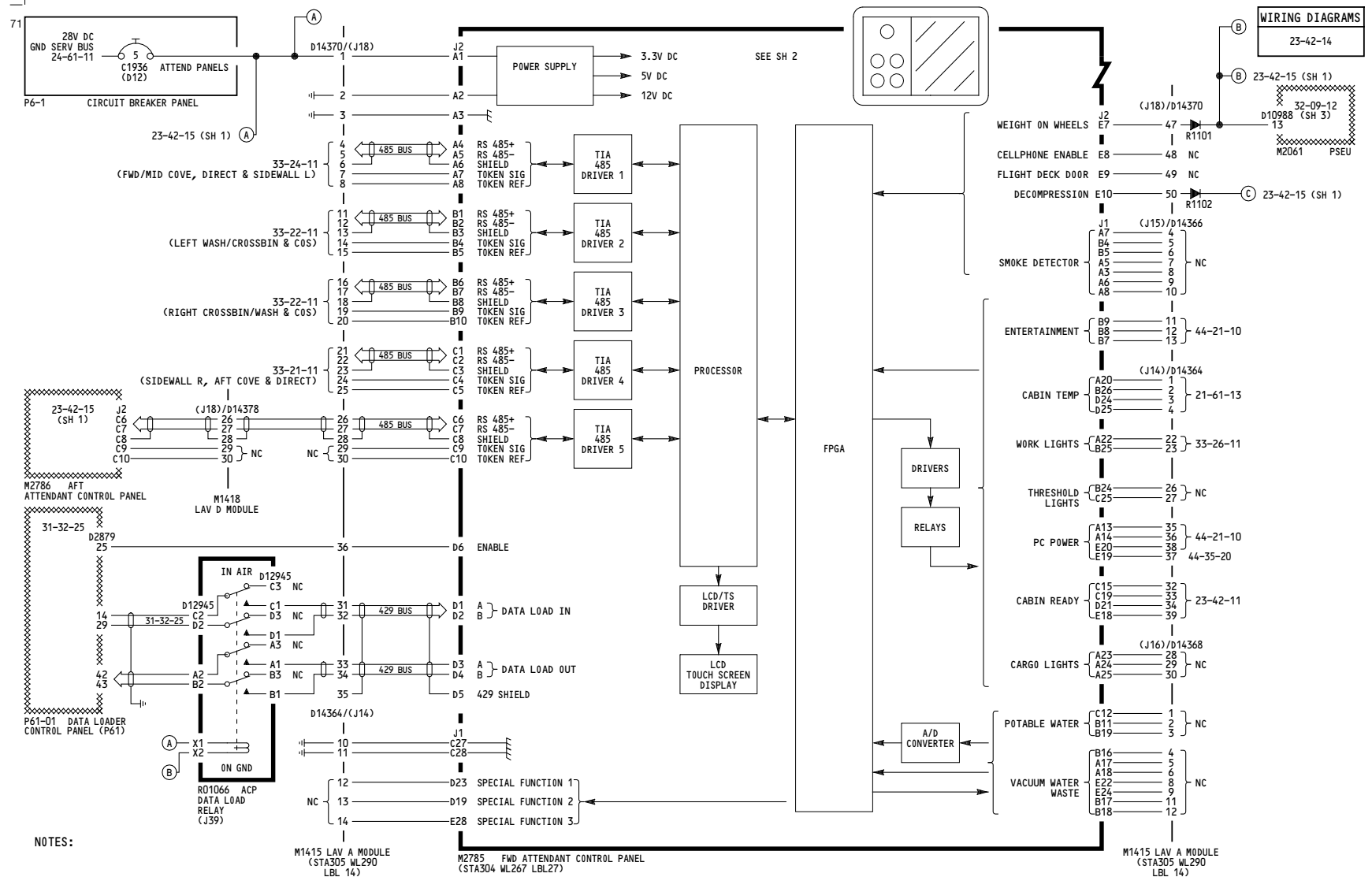
YT106-YT118

**FORWARD ATTENDANT
CONTROL PANEL**

D280A451

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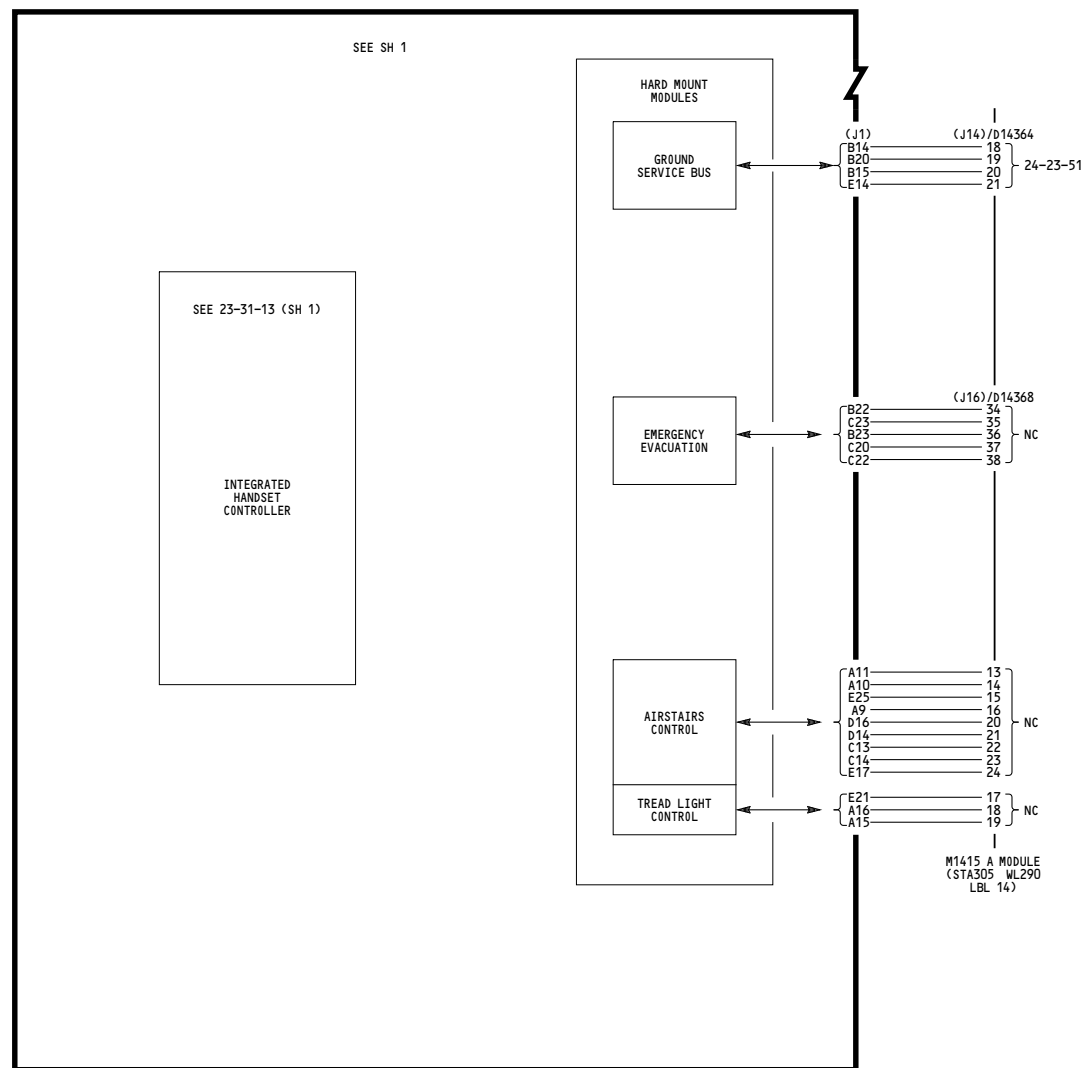


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WIRING DIAGRAMS

23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

M1415 A MODULE
(STA305 WL290
LBL 14)

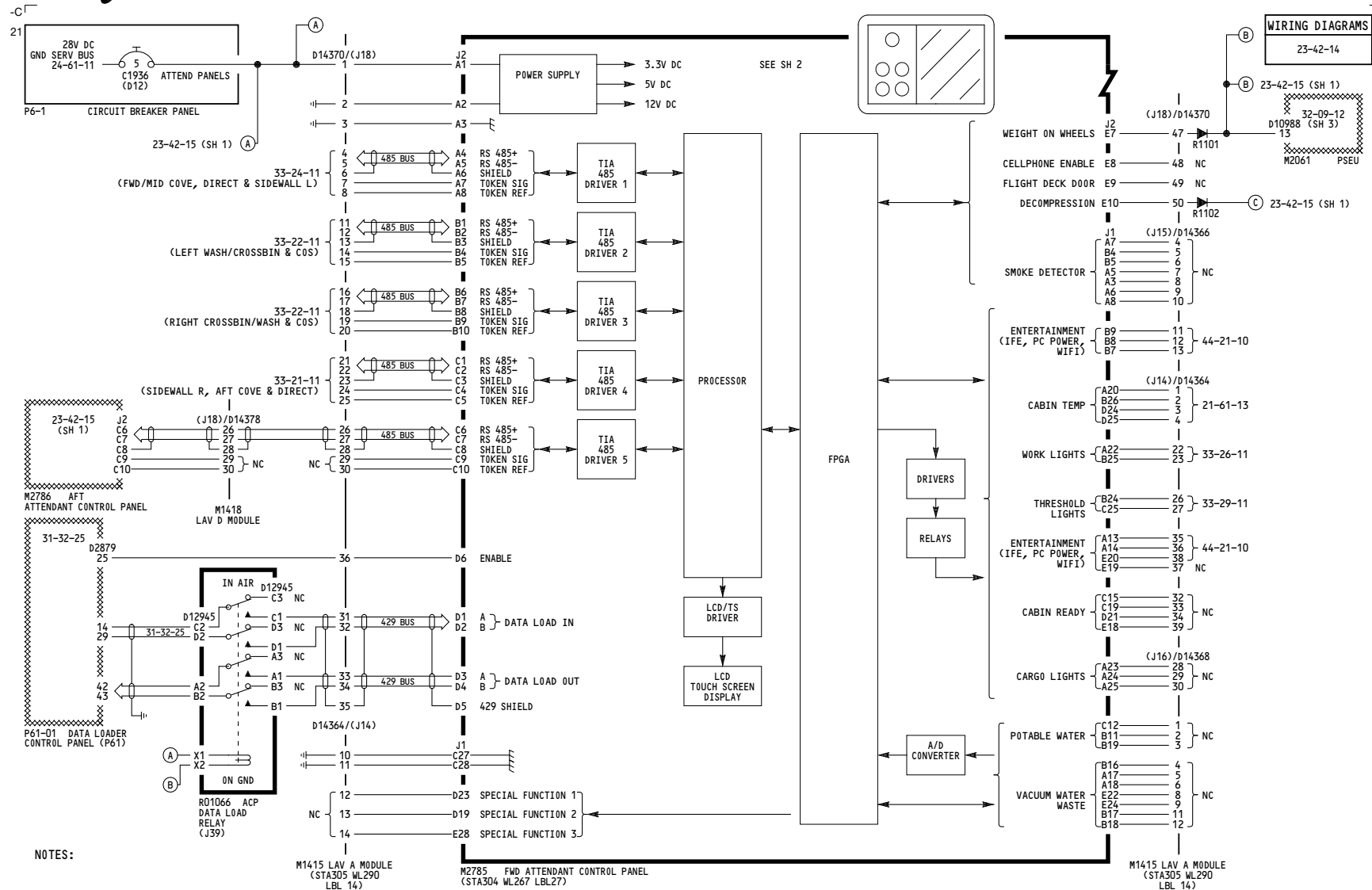
YT119-YT120

**FORWARD ATTENDANT
CONTROL PANEL**

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YT126-YT131

FORWARD ATTENDANT CONTROL PANEL

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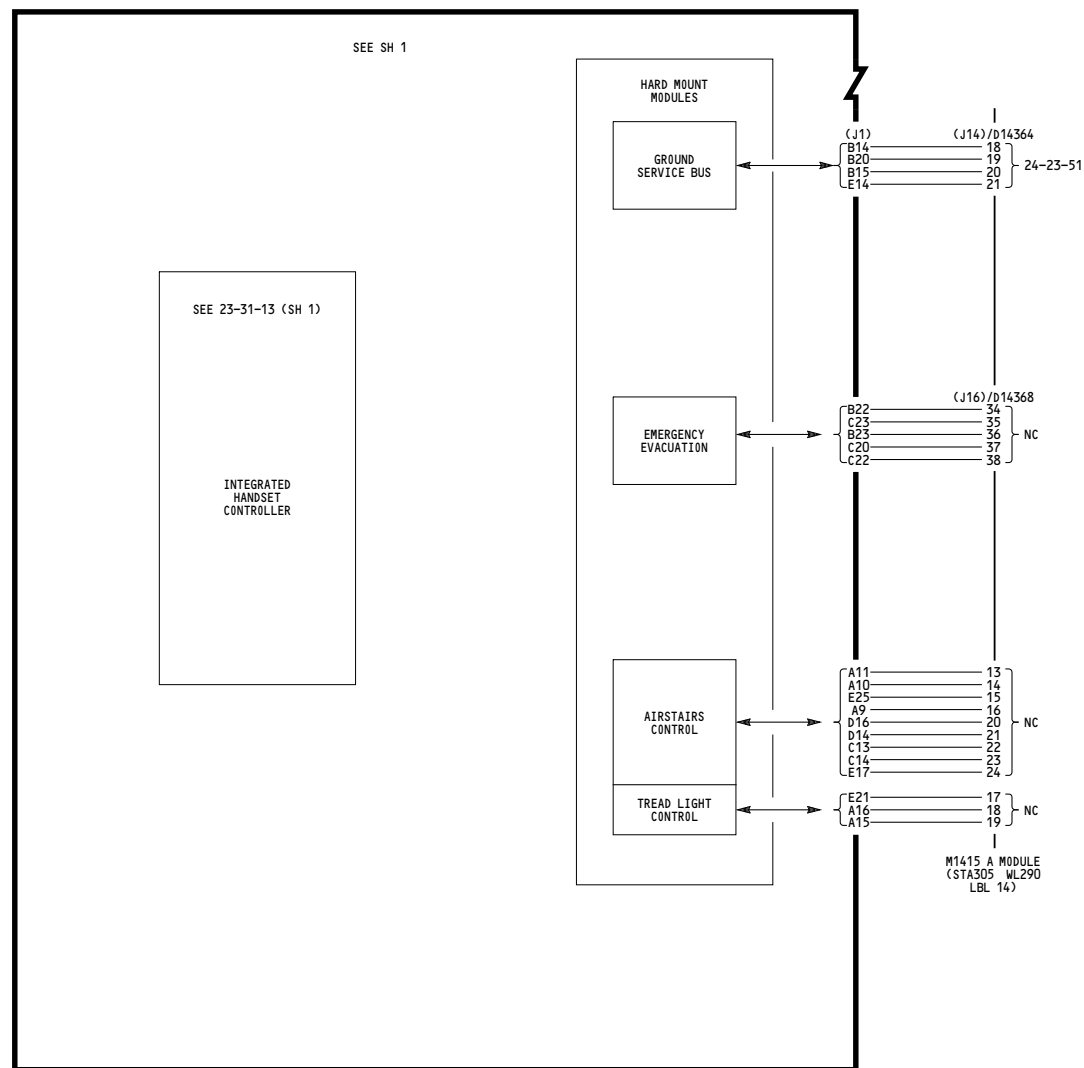
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WIRING DIAGRAMS

23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

YT126-YT131

**FORWARD ATTENDANT
CONTROL PANEL**

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WIRING DIAGRAMS
23-42-15



AFT ATTENDANT CONTROL PANEL

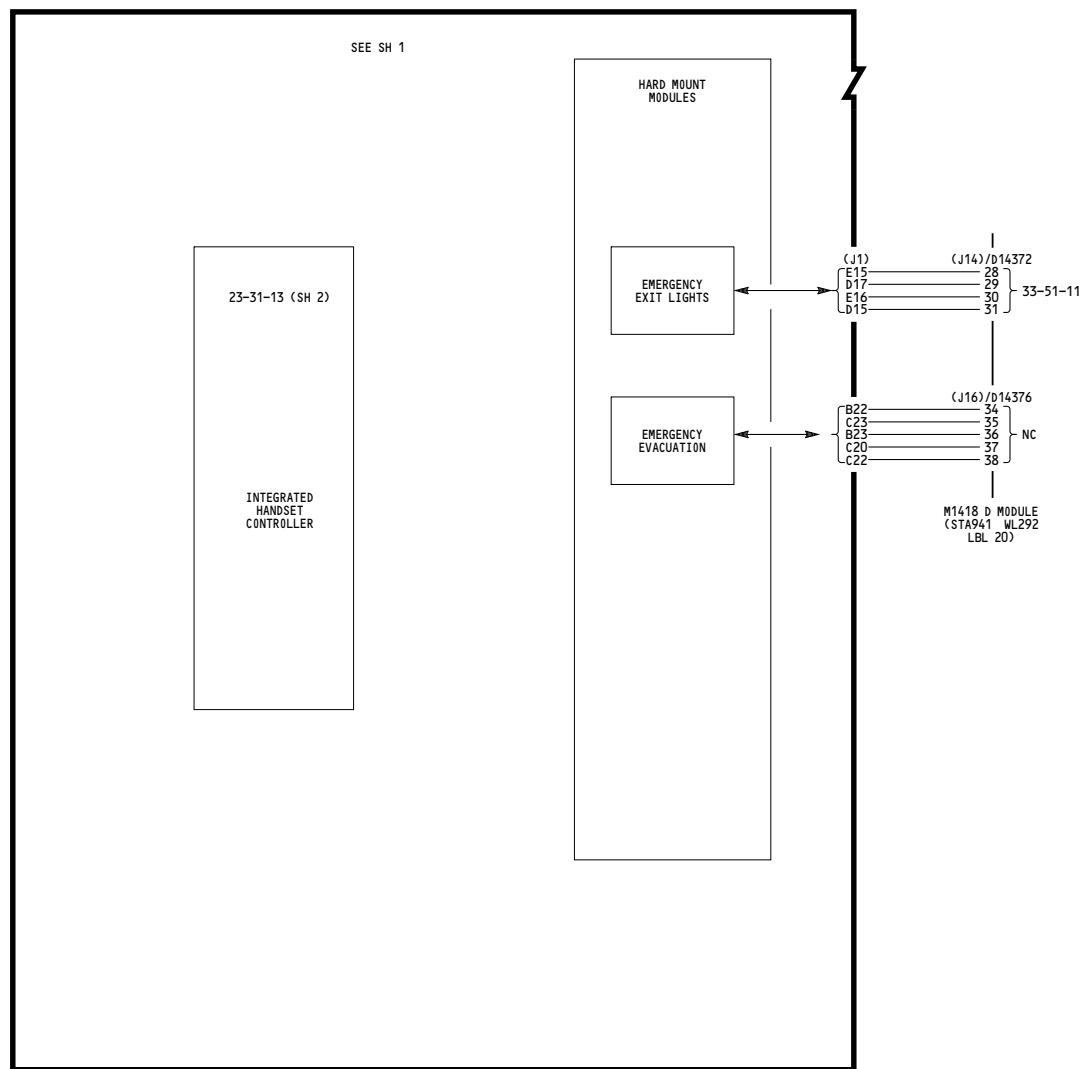
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WIRING DIAGRAMS

23-42-15



M2786 AFT ATTENDANT CONTROL PANEL
(STA949 WL267 LBL34)

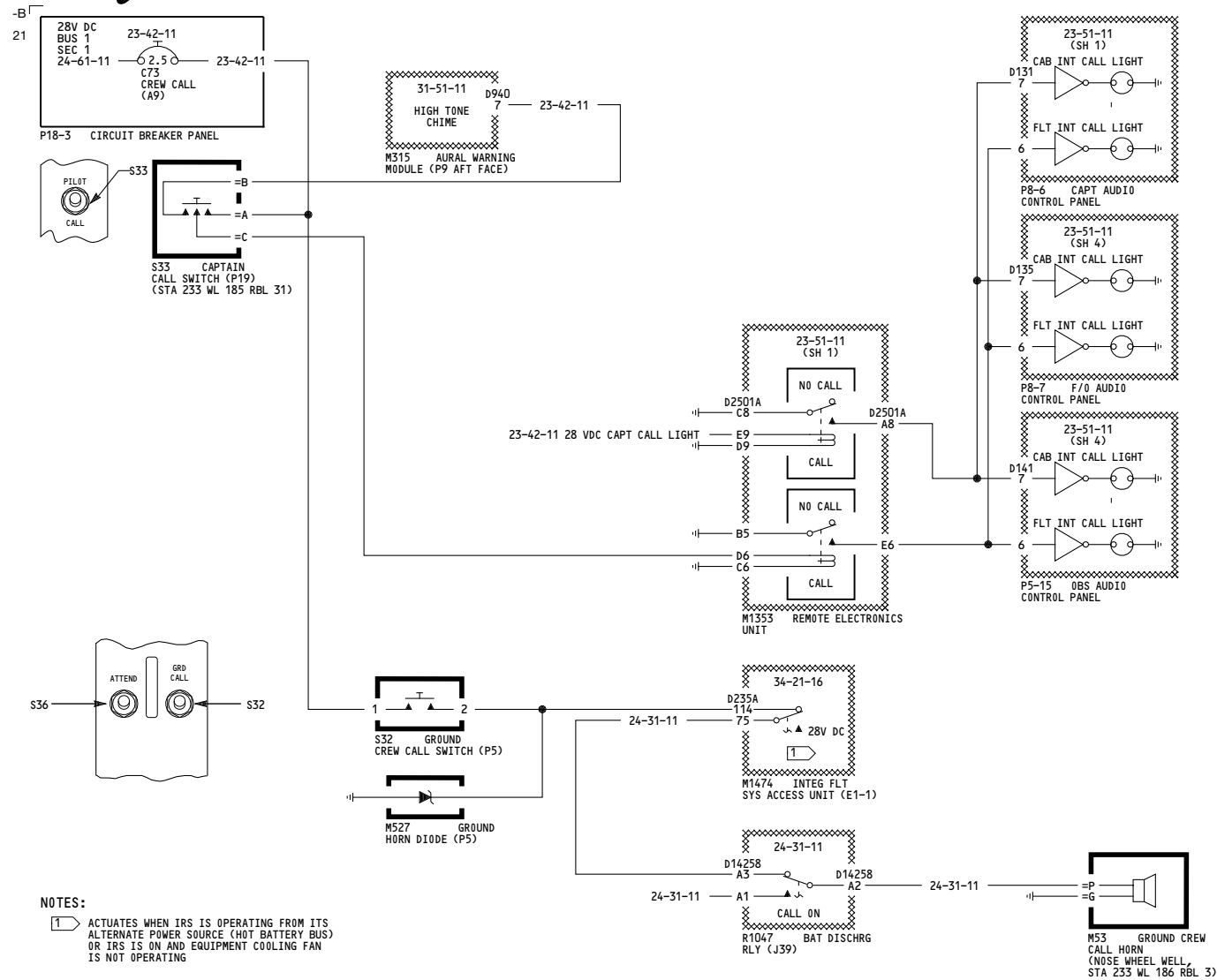
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**AFT ATTENDANT
CONTROL PANEL**

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WIRING DIAGRAMS
<p>23-42-11</p> <p>23-43-11</p>

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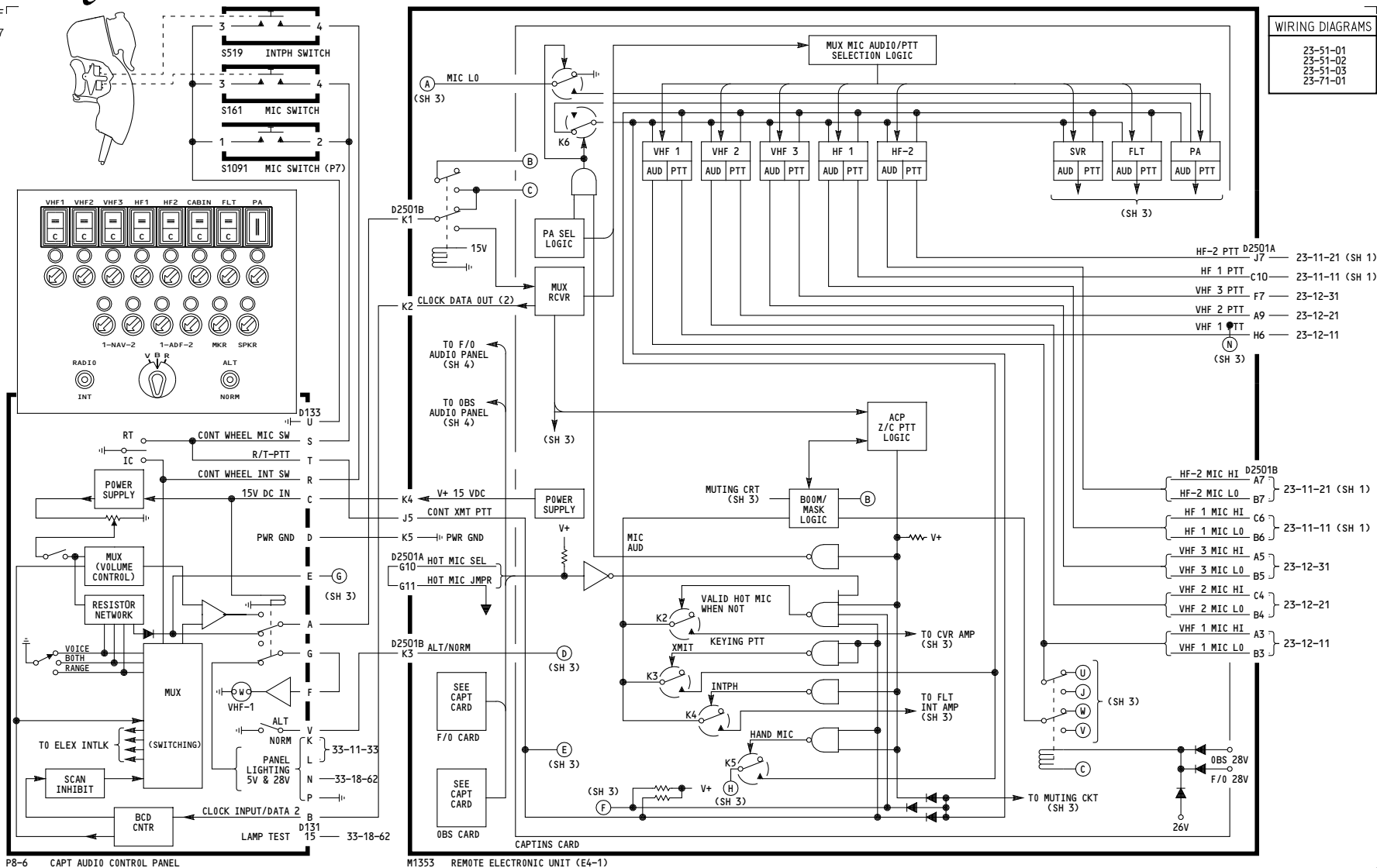
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WIRING DIAGRAMS	
23-51-01	
23-51-02	
23-51-03	
23-71-01	



YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

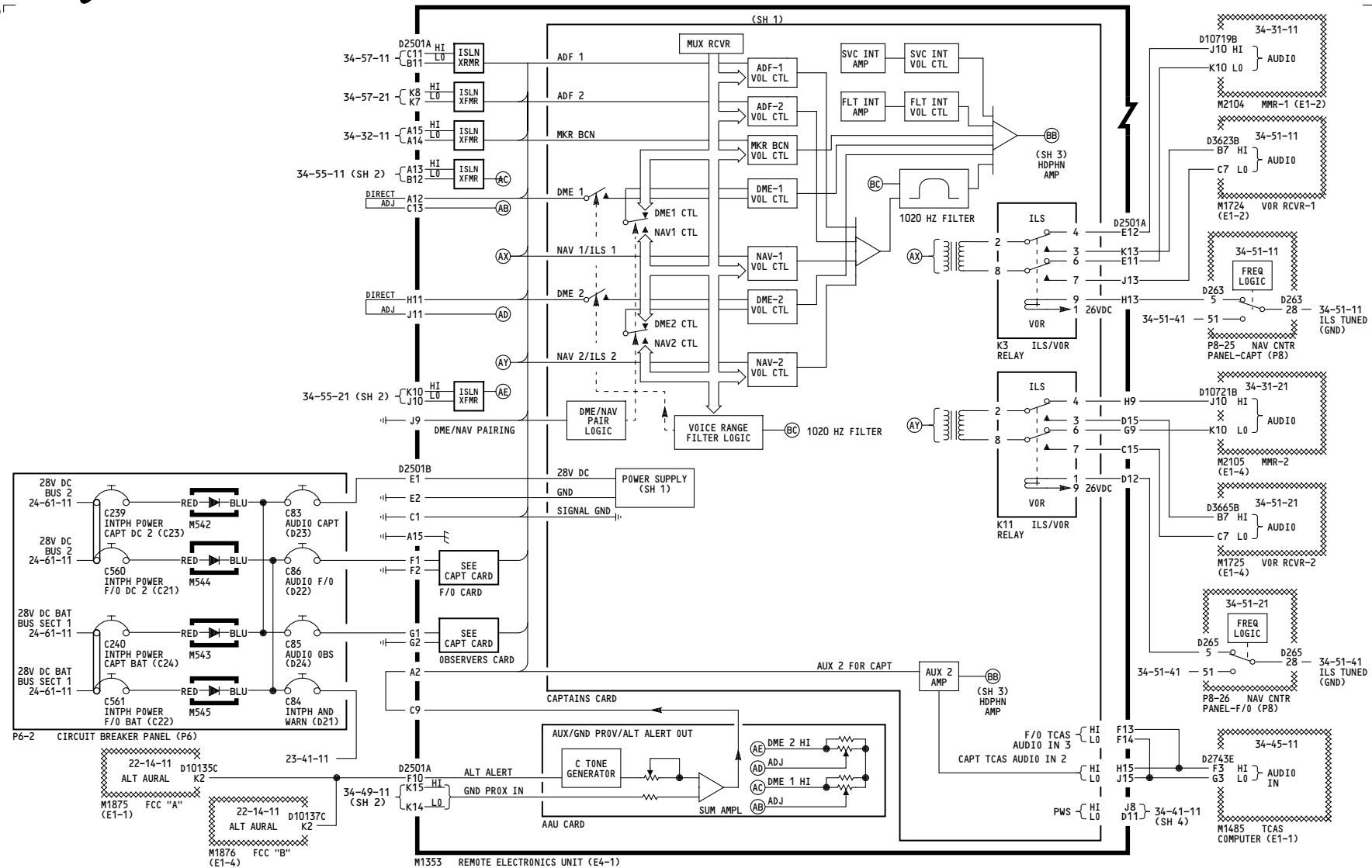
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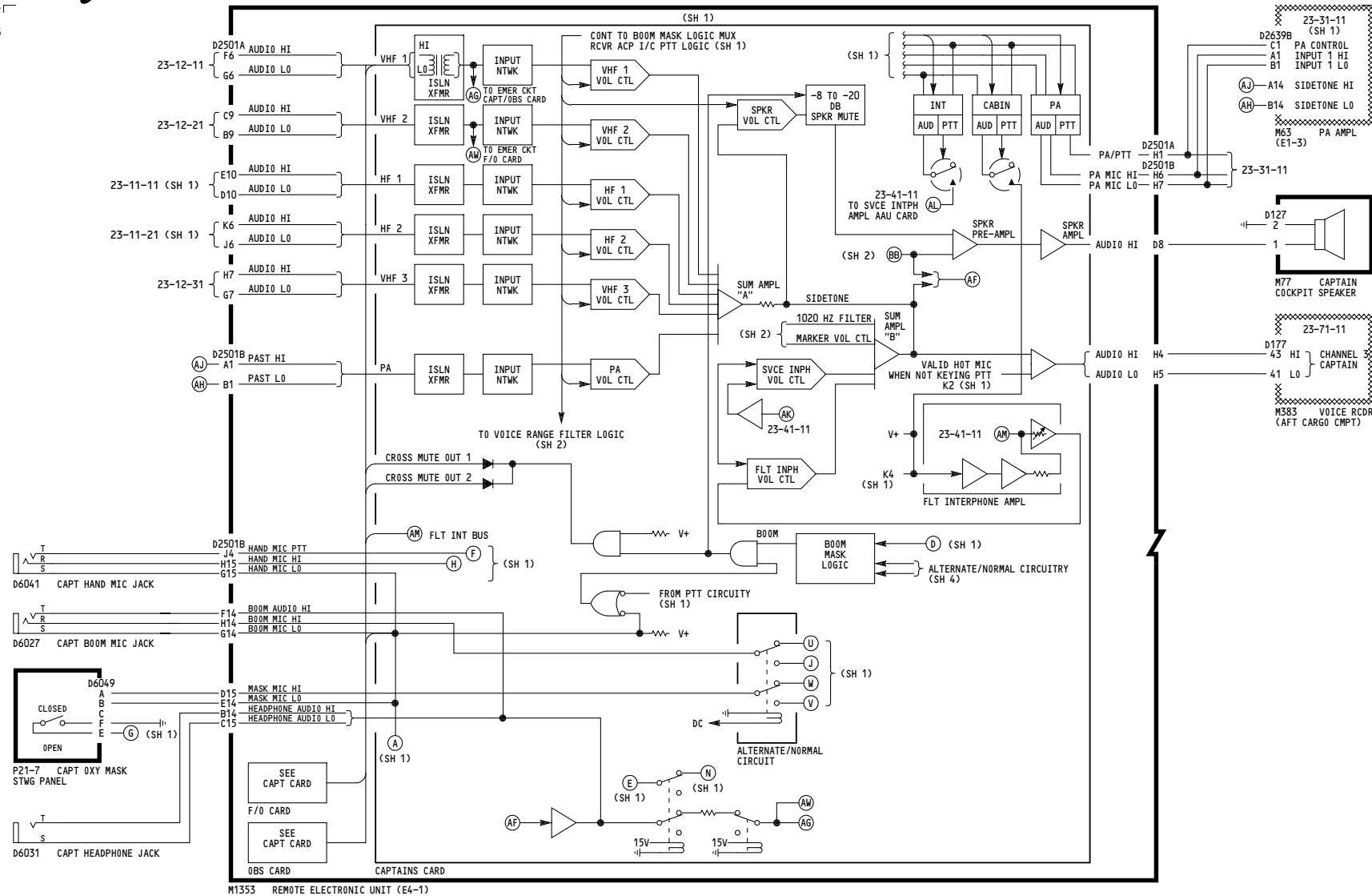
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YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

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23-51-11

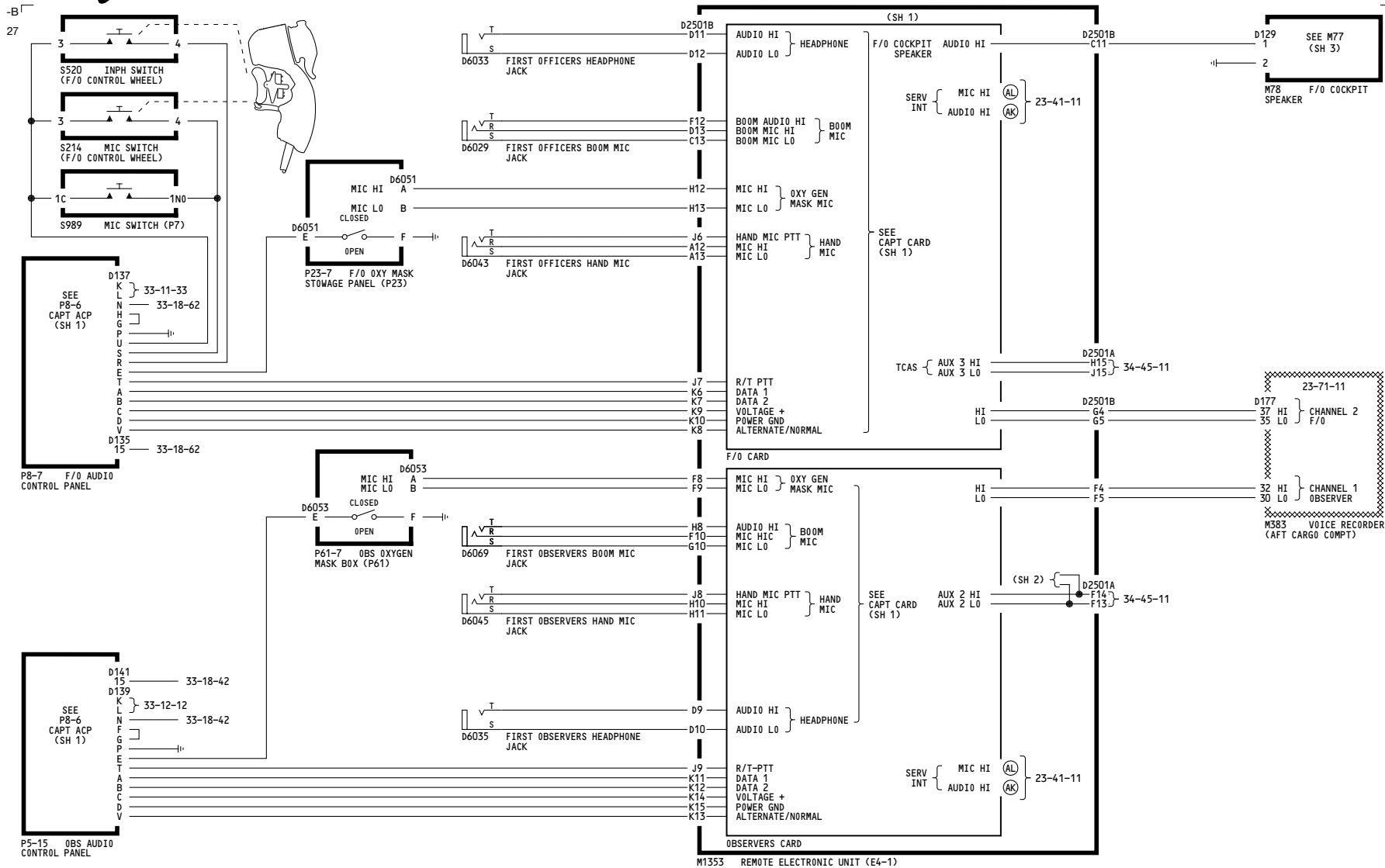
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737-800 SYSTEM SCHEMATIC MANUAL



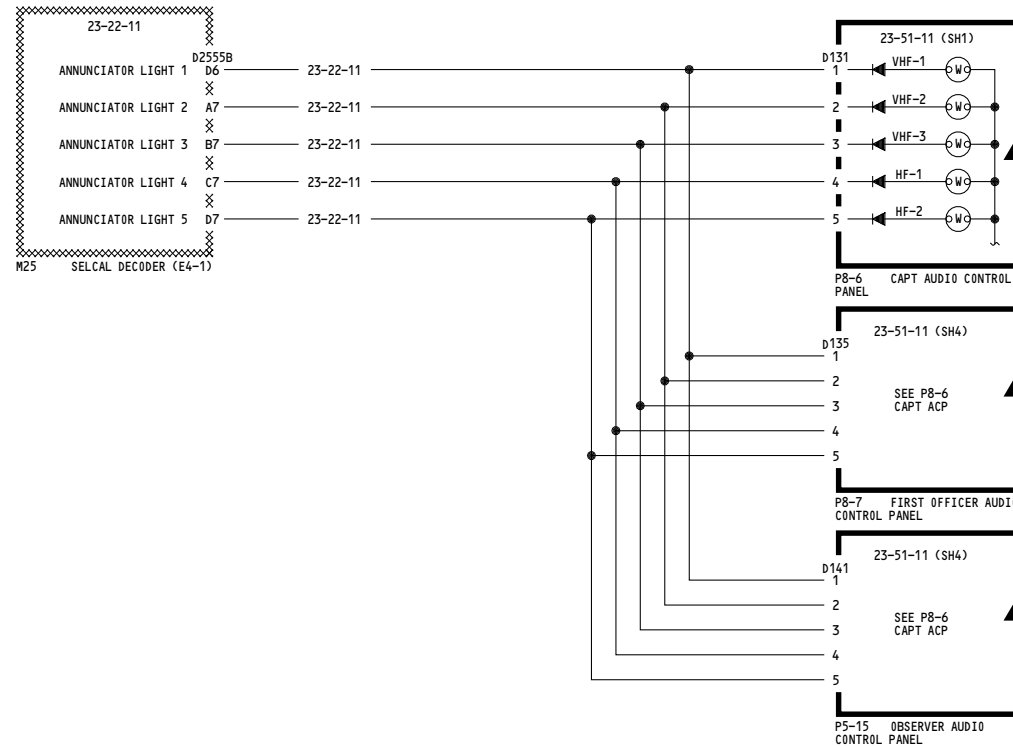
YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

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YT101-YT112, YT126-YT131	FLIGHT INTERPHONE
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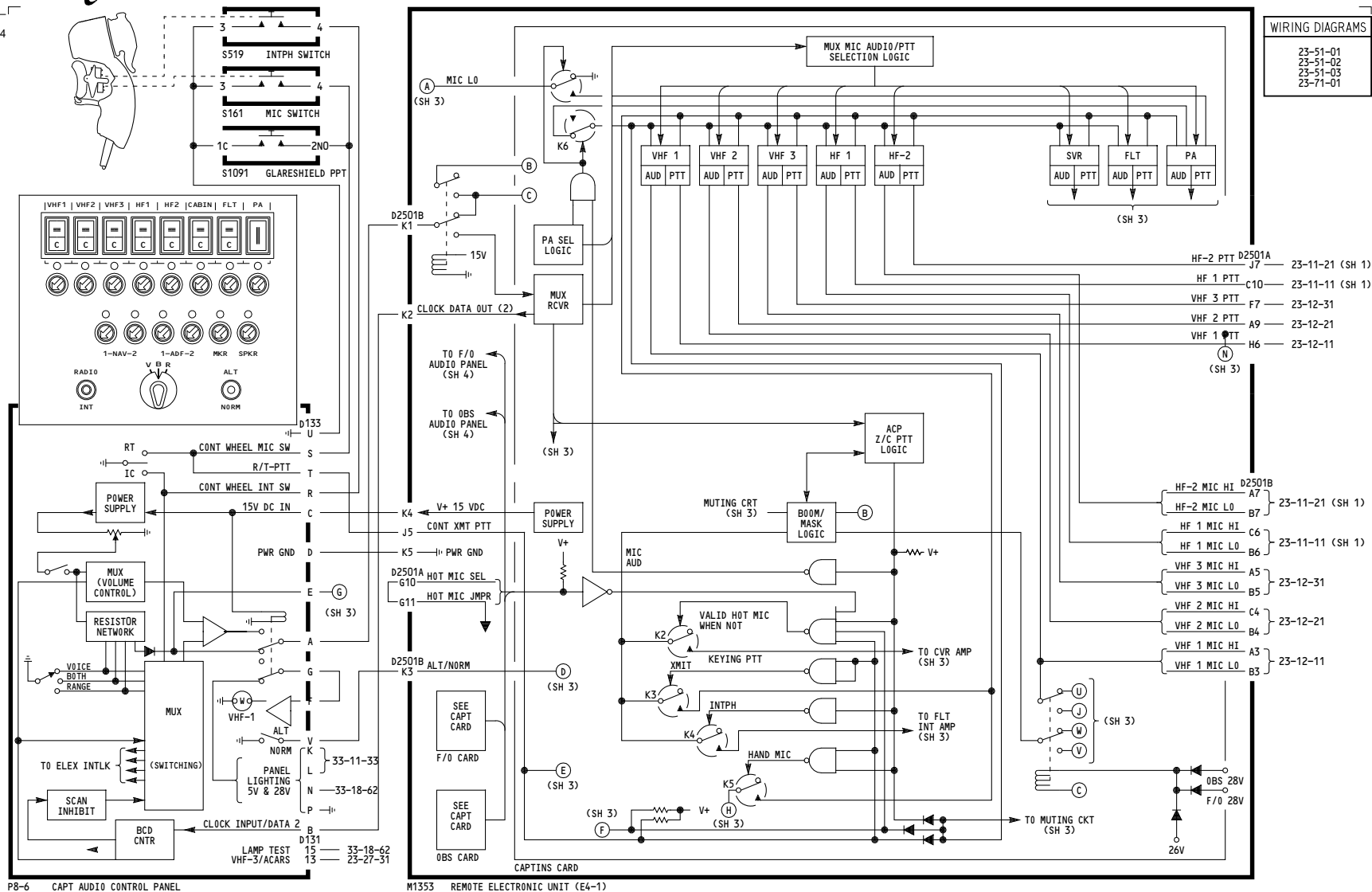
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Aug 31/2015

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WIRING DIAGRAMS
23-51-01
23-51-02
23-51-03
23-71-01



YT113-YT120, YT132-YT133

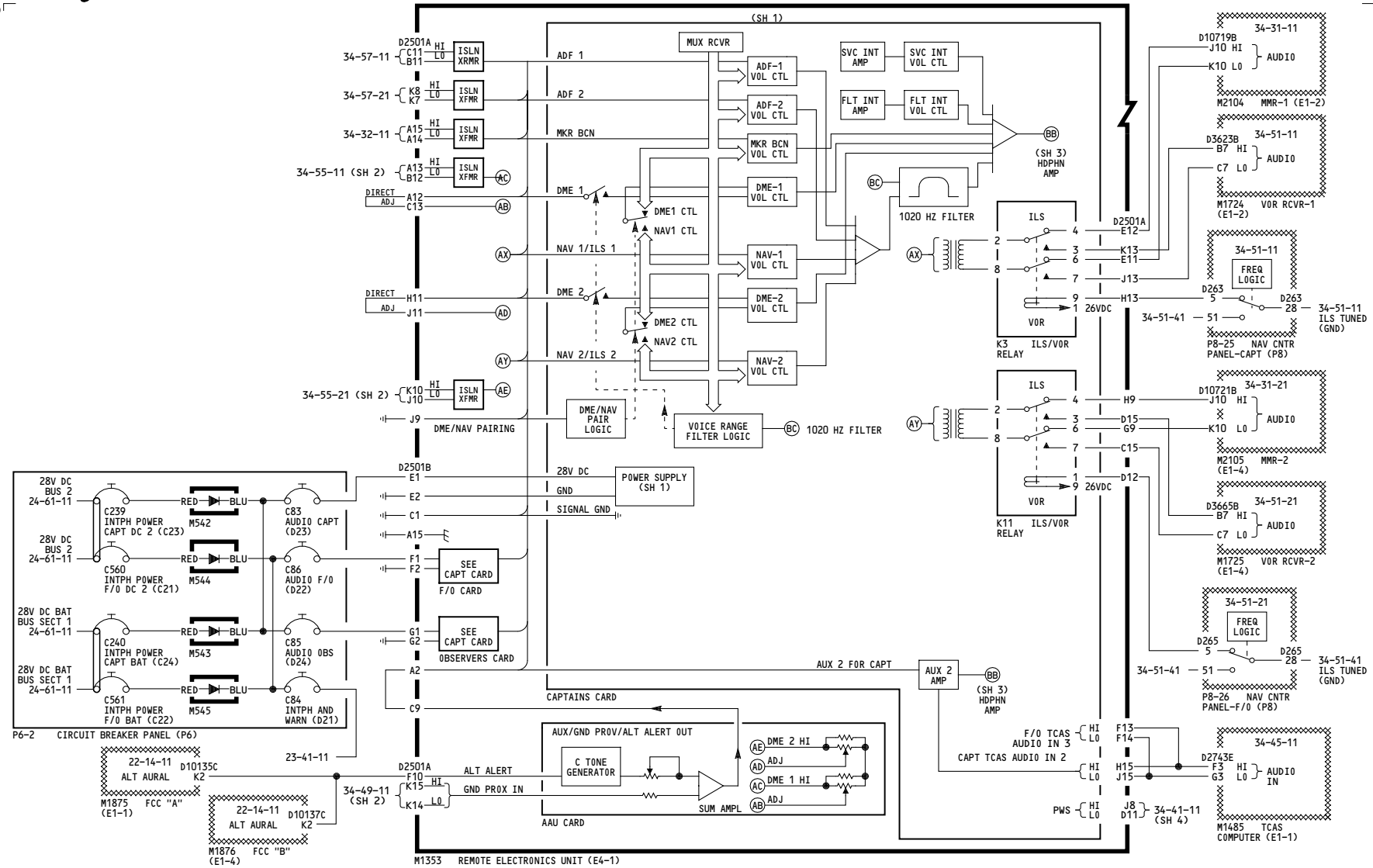
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D280A451

23-51-11

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YT113-YT120, YT132-YT133

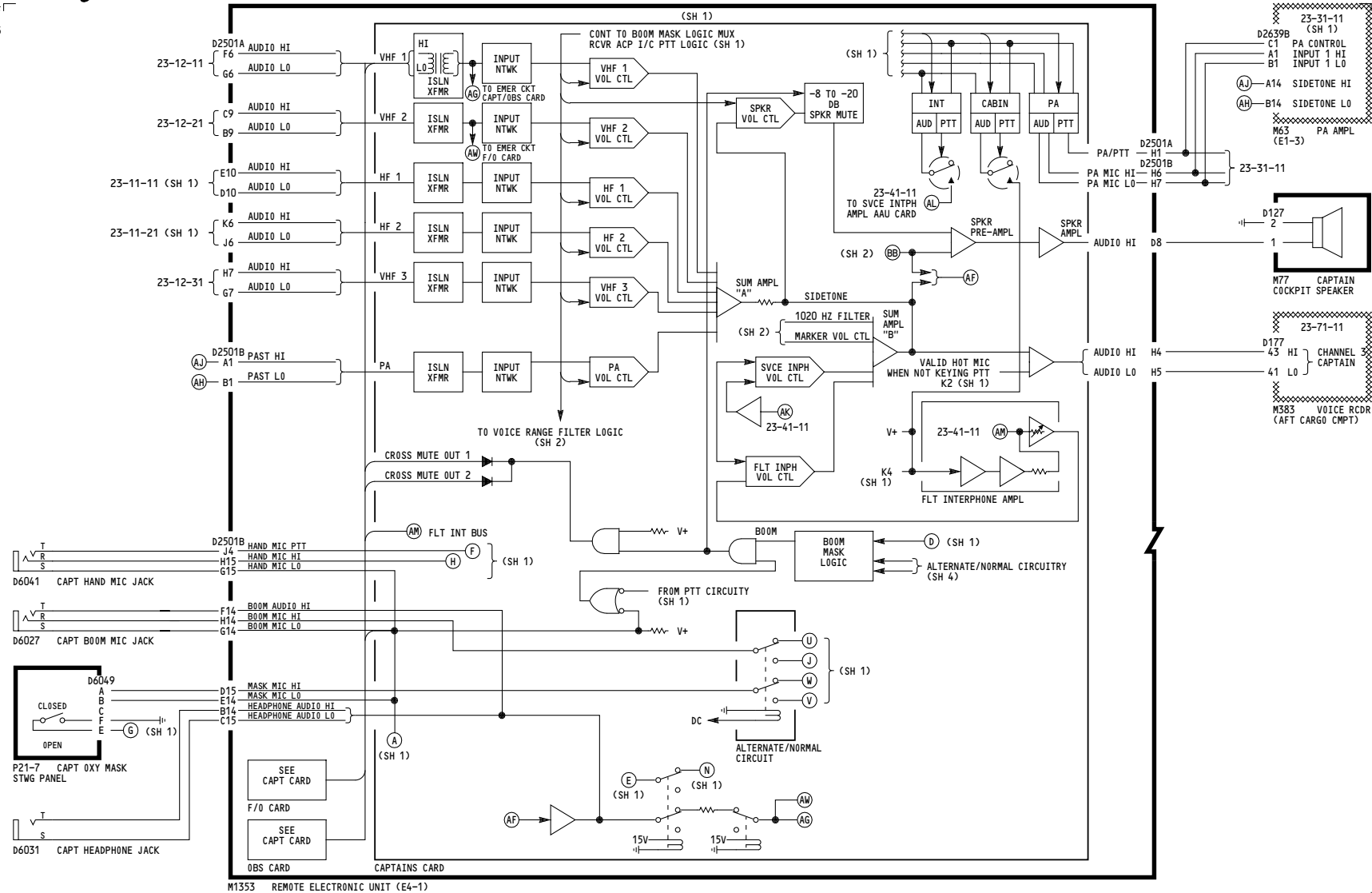
FLIGHT INTERPHONE

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YT113-YT120, YT132-YT133

FLIGHT INTERPHONE

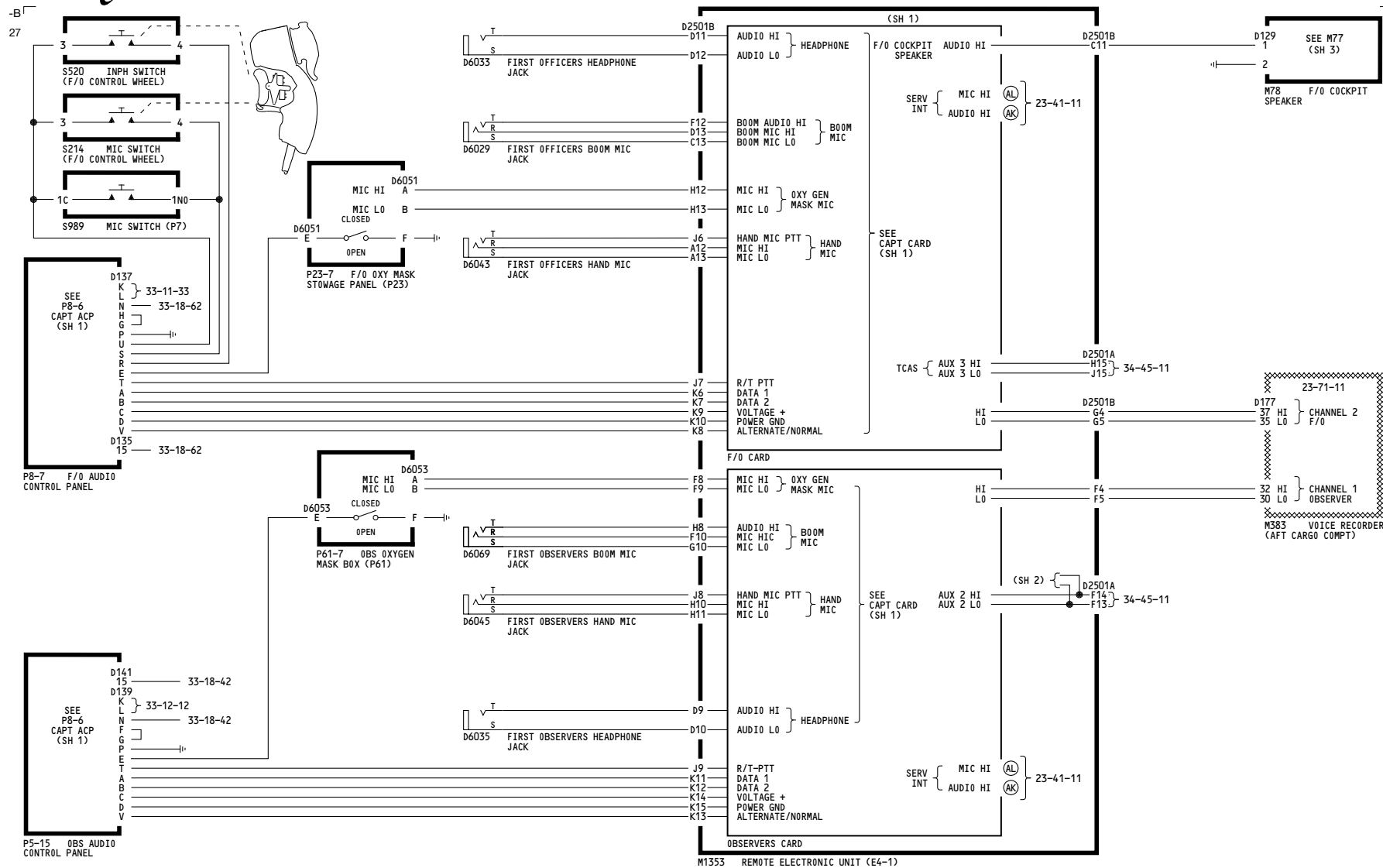
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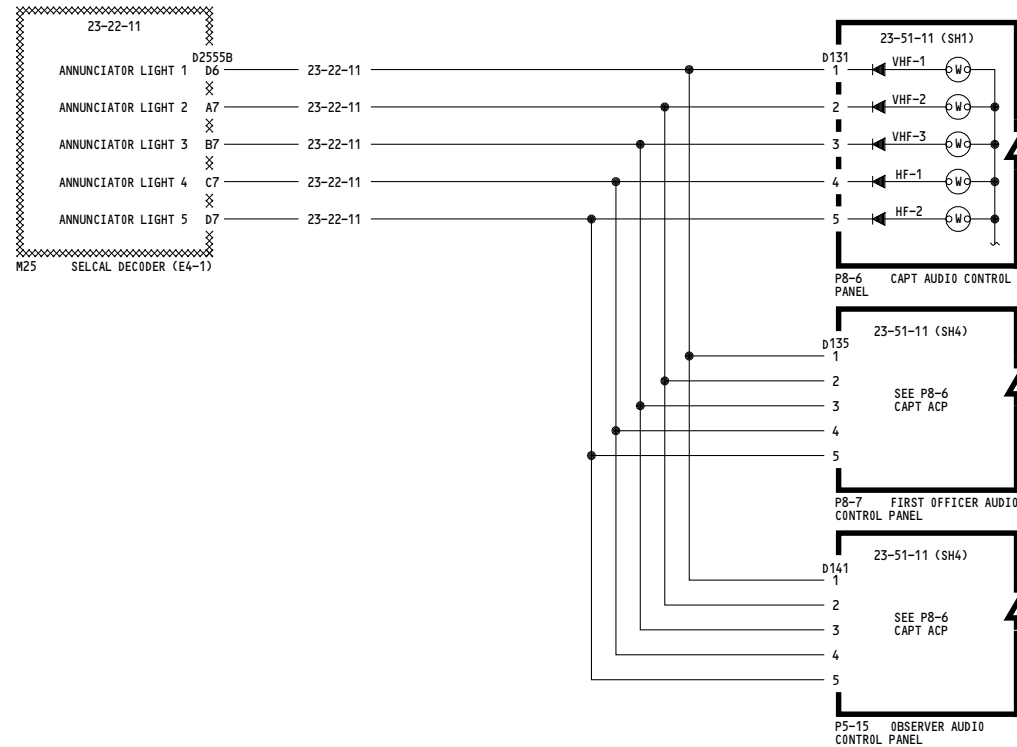
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YT113-YT120, YT132-YT133	FLIGHT INTERPHONE
	D280A451

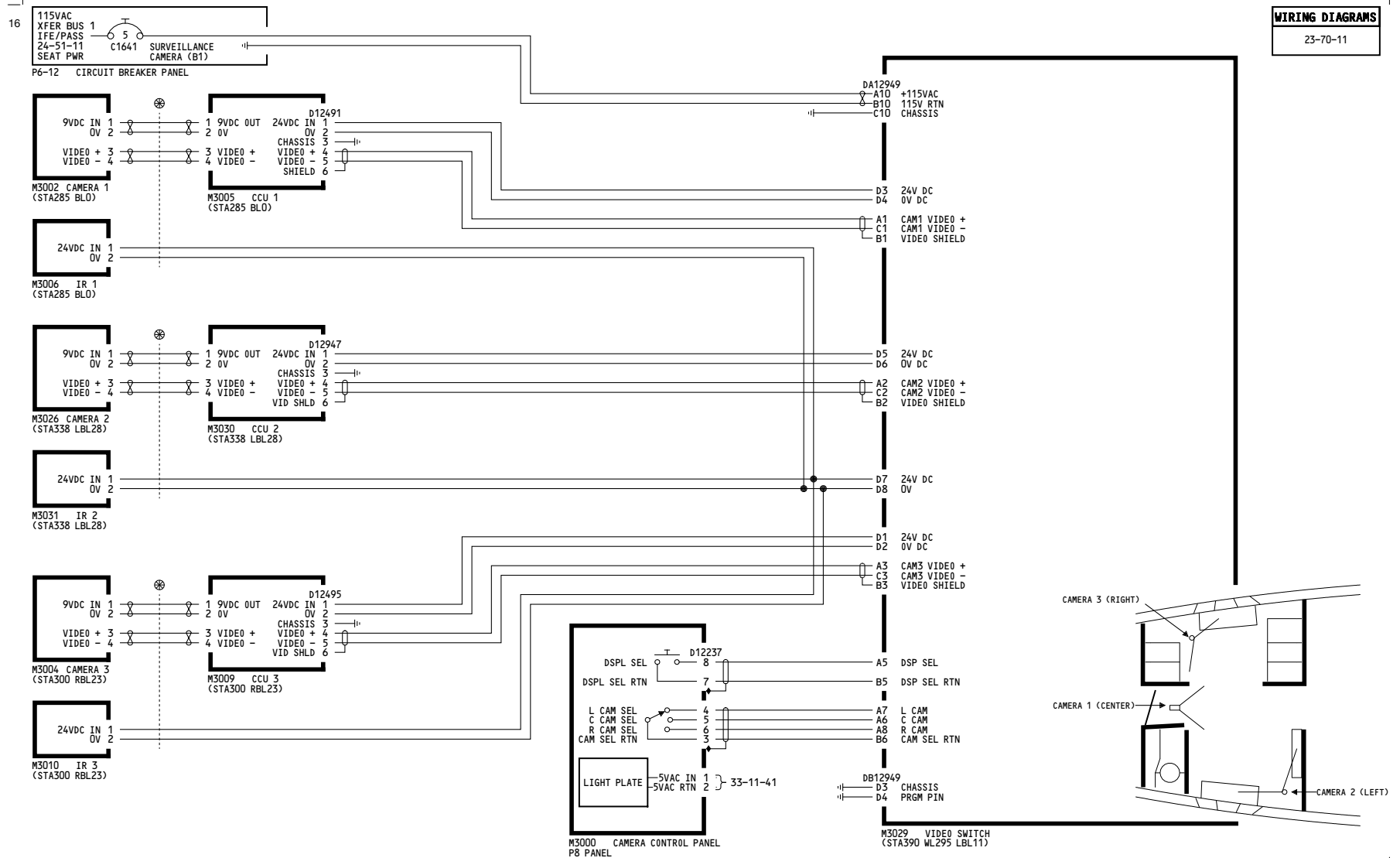
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WIRING DIAGRAMS

23-70-11



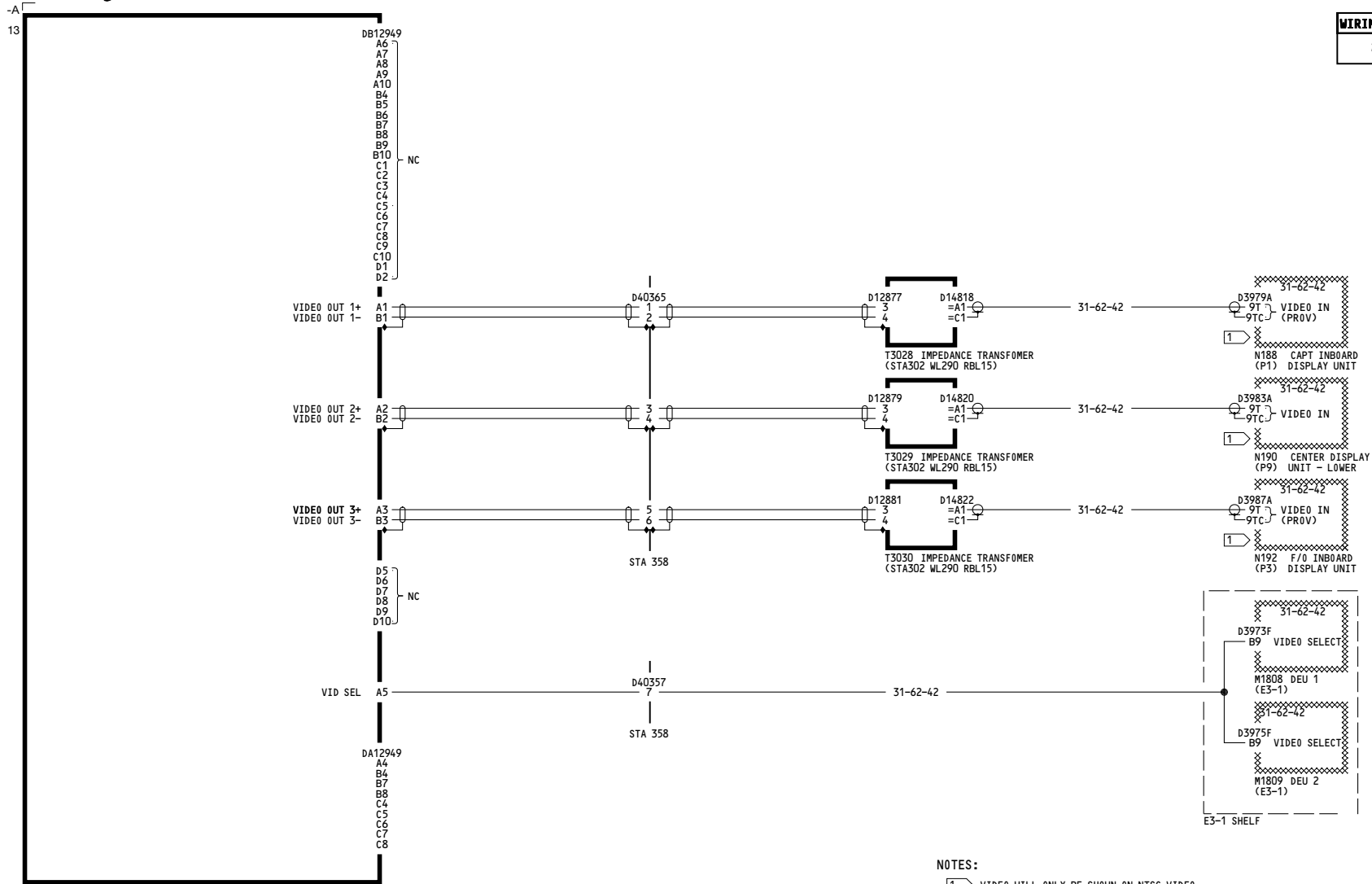
ALL

VIDEO SURVEILLANCE SYSTEM

D280A451

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NOTES:

- VIDEO WILL ONLY BE SHOWN ON NTSC VIDEO CAPABLE DISPLAY UNIT

M3029 VIDEO SWITCH
(STA390 WL295 LBL11)

ALL

VIDEO SURVEILLANCE SYSTEM

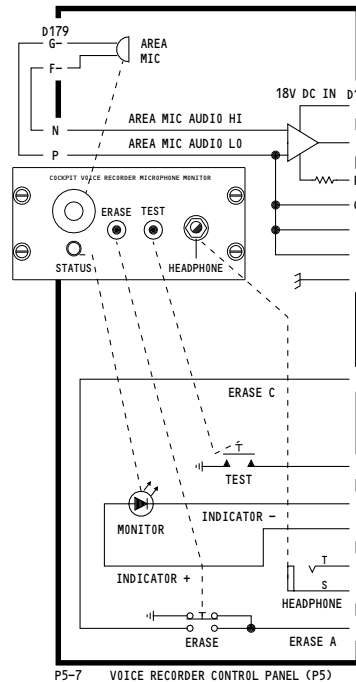
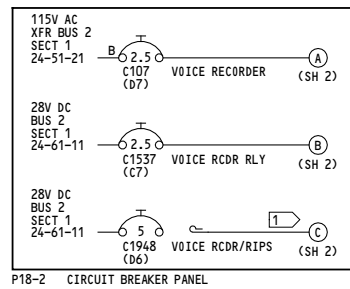
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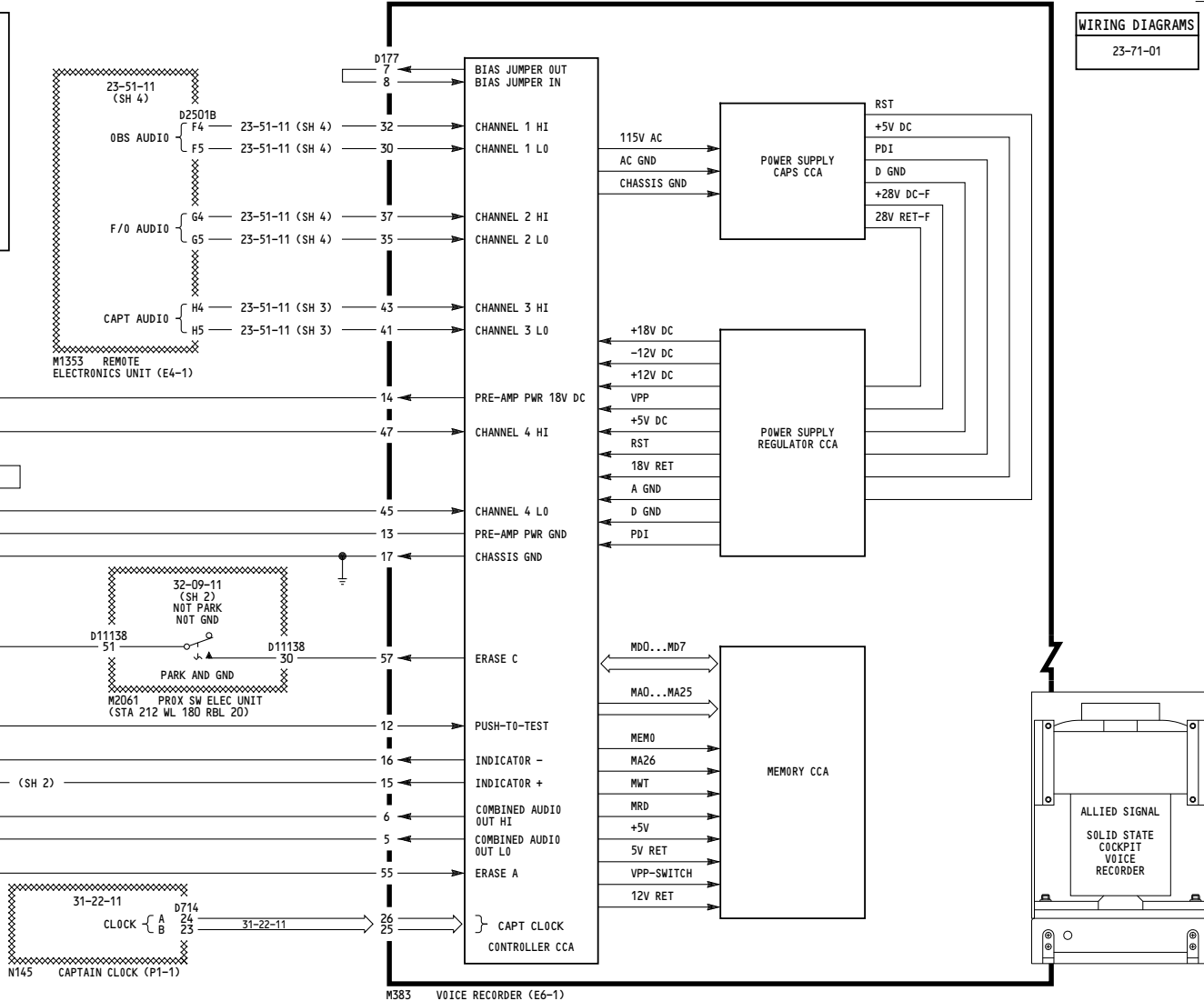
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WIRING DIAGRAMS
23-71-01



NOTE:
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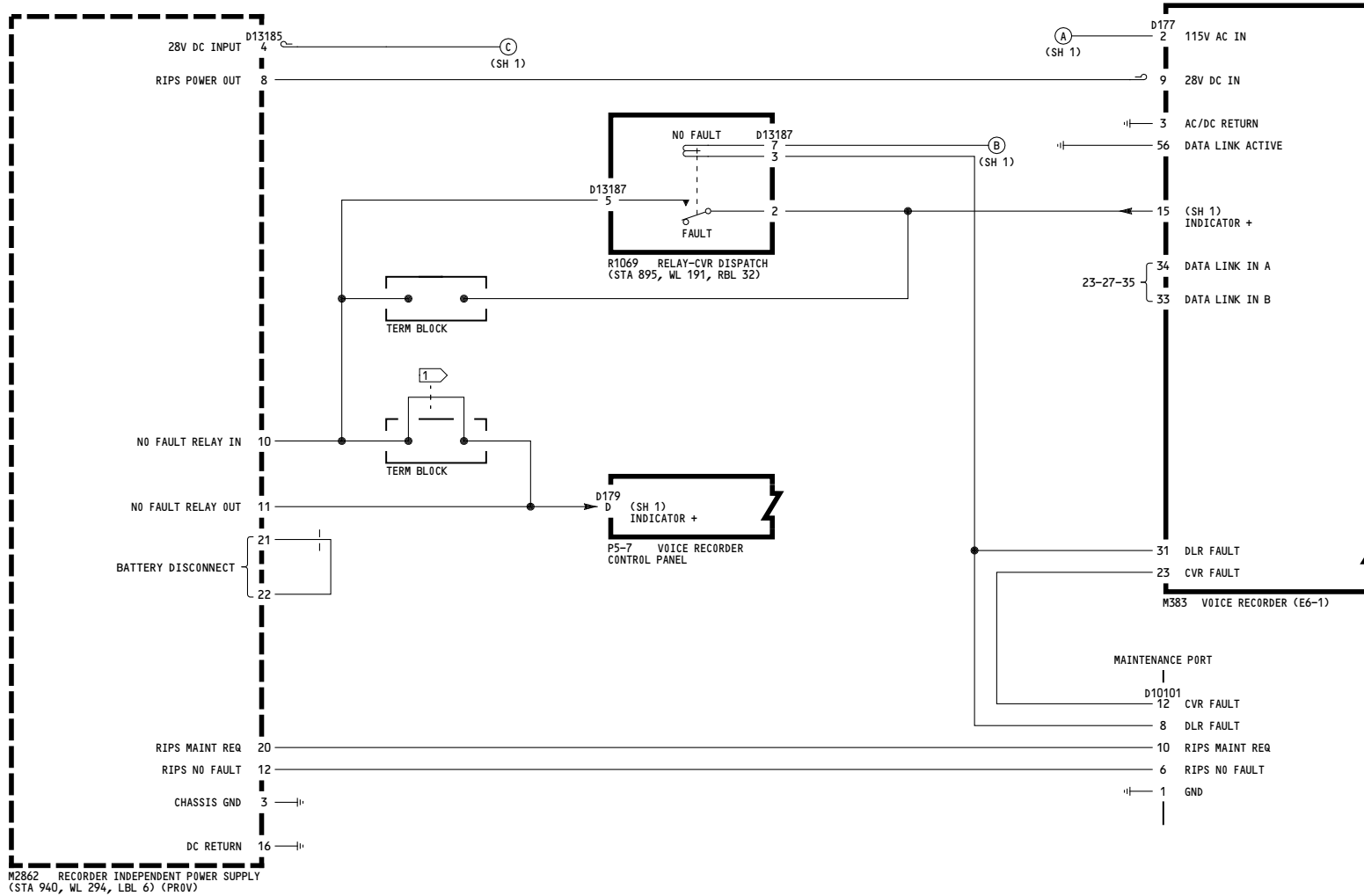


ALL	VOICE RECORDER
	D280A451

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NOTES:

1 → TERMINAL BLOCK JUMPER WIRE

ALL	VOICE RECORDER
	D280A451

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