CHAPTER 23

COMMUNICATIONS

CHAPTER 23
COMMUNICATIONS

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

CHAPTER 23
COMMUNICATIONS

	CH-SC-SU	Schem	Page	Sheet	Date
	23-27-33				
R			101		Jun 21/2016
	23-27-34				
			101		Mar 14/2016
	23-27-35				
R			101		Jun 21/2016
	23-27-36				
			101		Apr 17/2014
R			102		Jun 21/2016
	23-27-37				
R			101		Jun 21/2016
	23-27-38				
			101		Mar 14/2016
R			102		Jun 21/2016
	23-27-39				
R			101		Jun 21/2016
	23-31-11				
R			101		Jun 21/2016
A			102		Jun 21/2016
	23-31-13				
			101	1	Aug 18/2014
				2	Aug 18/2014
R			102	1	Jun 21/2016
R				2	Jun 21/2016
	23-31-14				
R			101	1	Jun 21/2016
R				2	Jun 21/2016
	23-41-11				
R			101		Jun 21/2016
	23-42-11				
R			101		Jun 21/2016
			102		Mar 14/2016
	23-42-12				
R			101		Jun 21/2016
	23-42-14				
			101	1	Aug 18/2014
				2	Jan 12/2015
			102	1	Mar 14/2016
				2	Mar 14/2016
R			103	1	Jun 21/2016
R				2	Jun 21/2016
A			104	1	Jun 21/2016
A				2	Jun 21/2016
	23-42-15				
R			101	1	Jun 21/2016
R				2	Jun 21/2016
	23-43-11				
R			101		Jun 21/2016

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CHAPTER 23
COMMUNICATIONS

	CH-SC-SU	Schem	Page	Sheet	Date
	23-51-11				
			101	1	Aug 31/2015
				2	Aug 31/2015
				3	Aug 31/2015
				4	Aug 31/2015
				5	Aug 31/2015
R			102	1	Jun 21/2016
R				2	Jun 21/2016
R				3	Jun 21/2016
R				4	Jun 21/2016
R				5	Jun 21/2016
	23-70-11				
R			101	1	Jun 21/2016
R				2	Jun 21/2016
	23-71-11				
R			101	1	Jun 21/2016
R				2	Jun 21/2016

CH-SC-SU	Schem	Page	Sheet	Date

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COMMUNICATIONS

23-ALPHABETICAL INDEX

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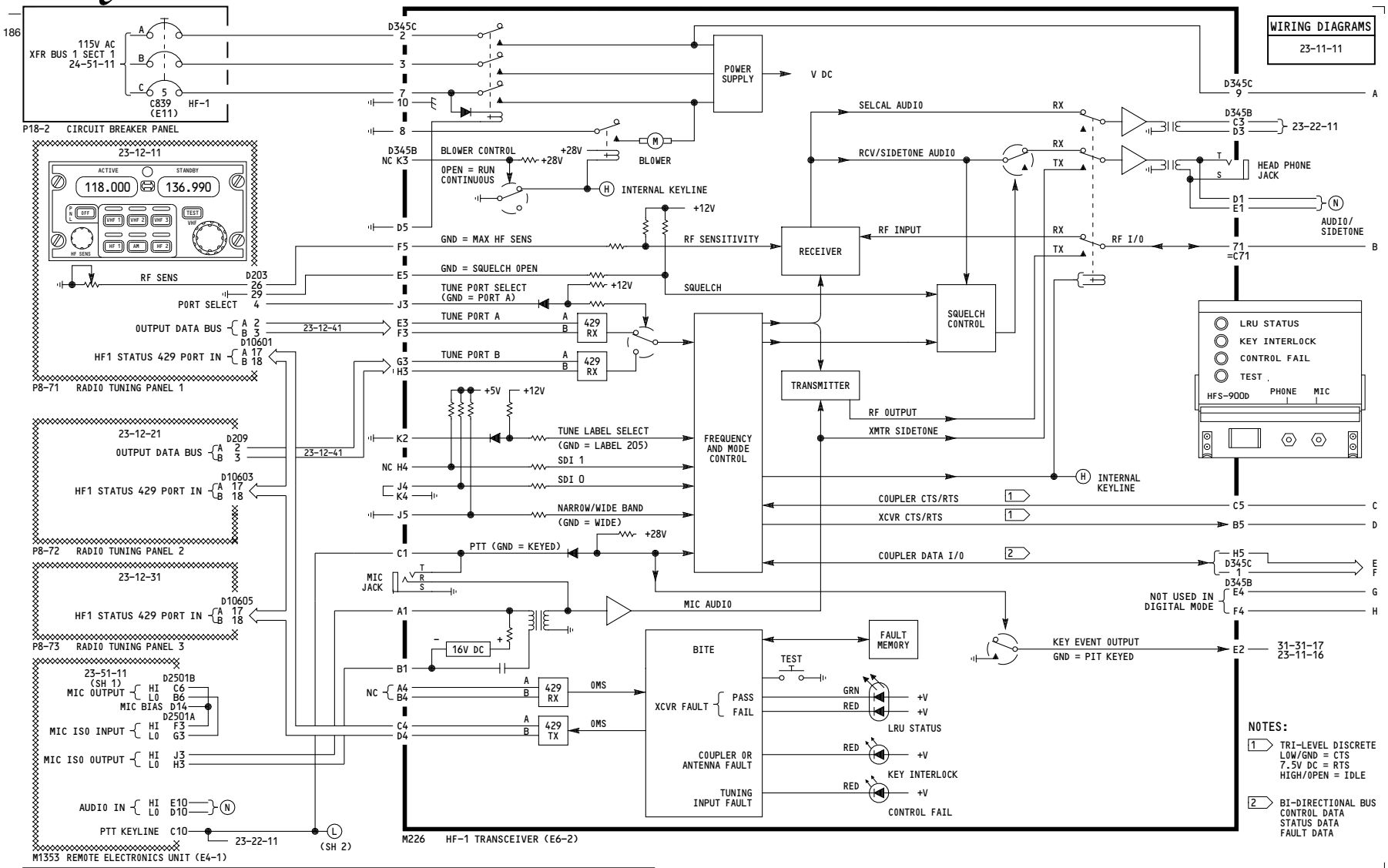


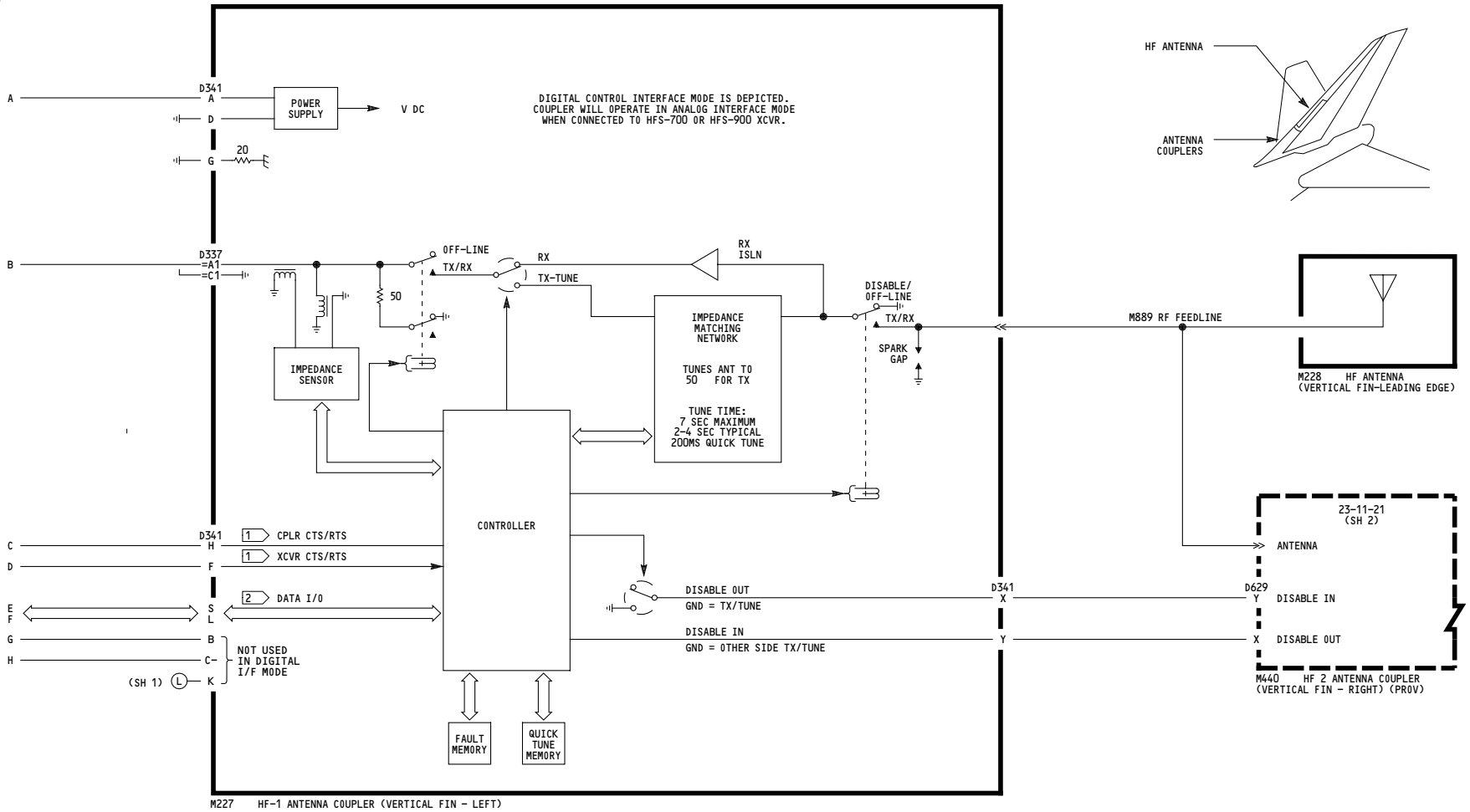
YT101-YT103

HF COMMUNICATIONS 1

D280A451

23-11-11

Page 101
Sheet 1
Aug 15/2013



NOTES:

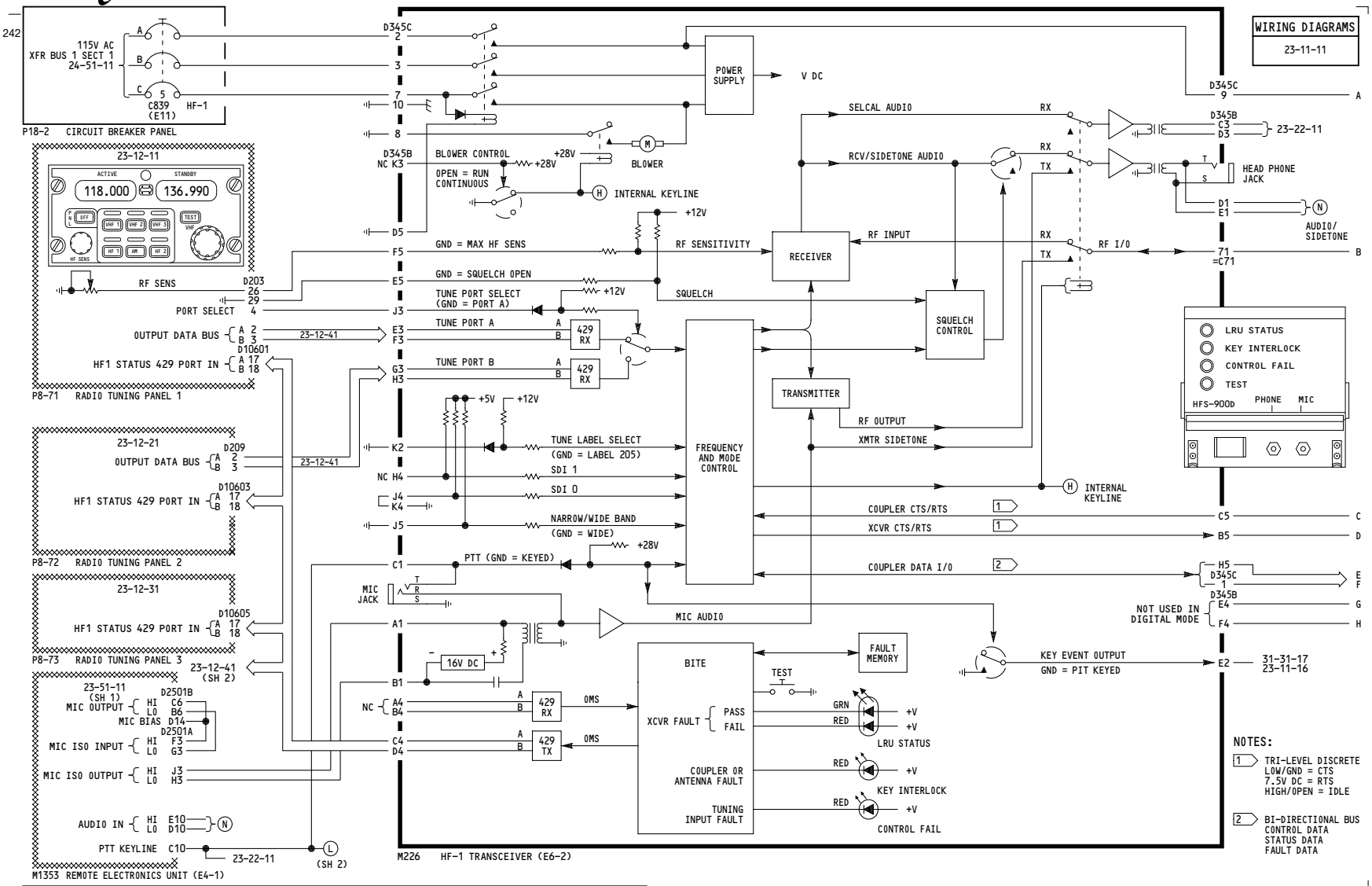
1 TRI-LEVEL DISCRETE
LOW/GND = CTS
7.5V DC = RTS
HIGH/OPEN = IDLE

2 BI-DIRECTIONAL BUS
CONTROL DATA
STATUS DATA
FAULT DATA

YT101-YT103

HF COMMUNICATIONS 1

D280A451

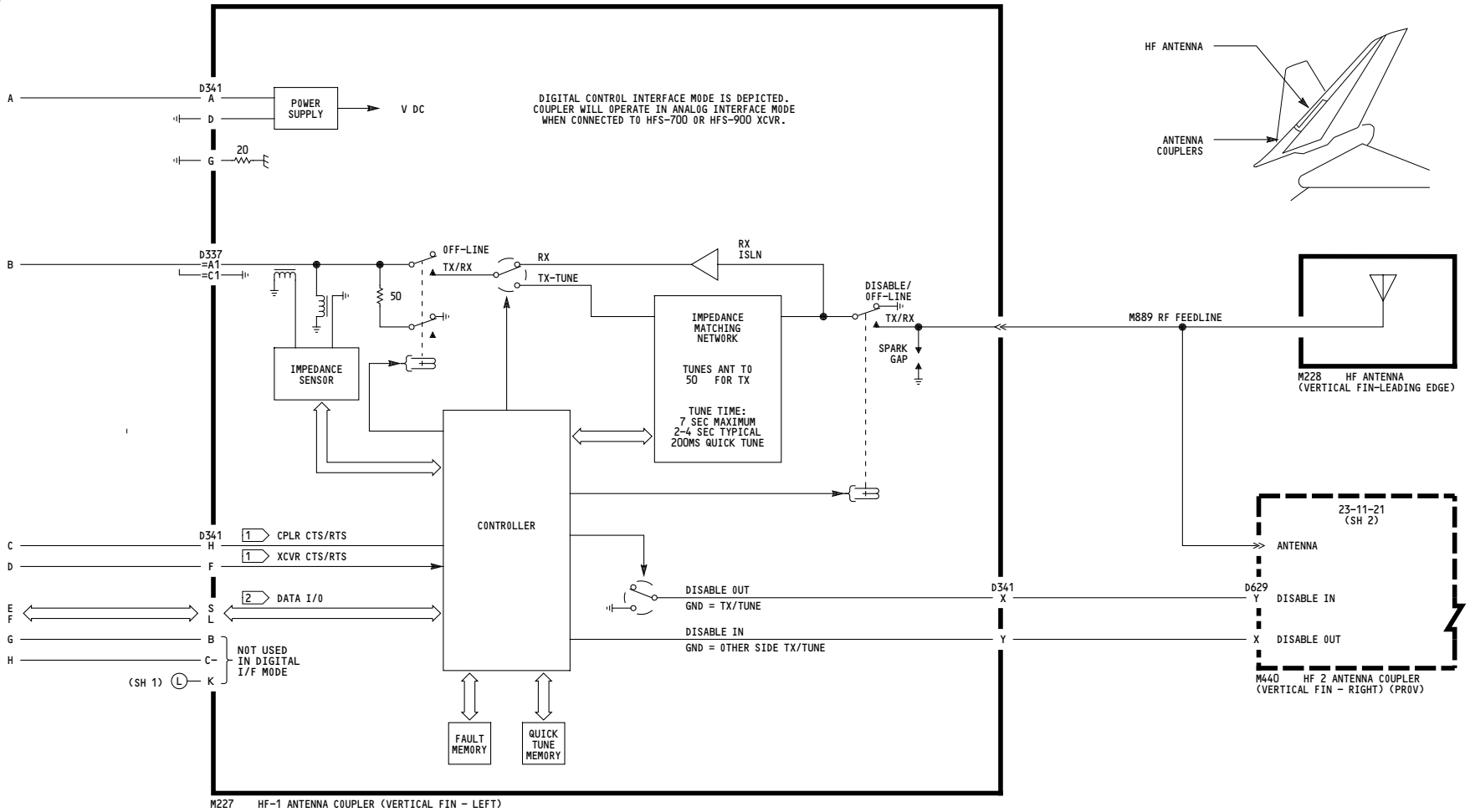


YT104-YT133

HF COMMUNICATIONS 1

D280A451

23-11-11



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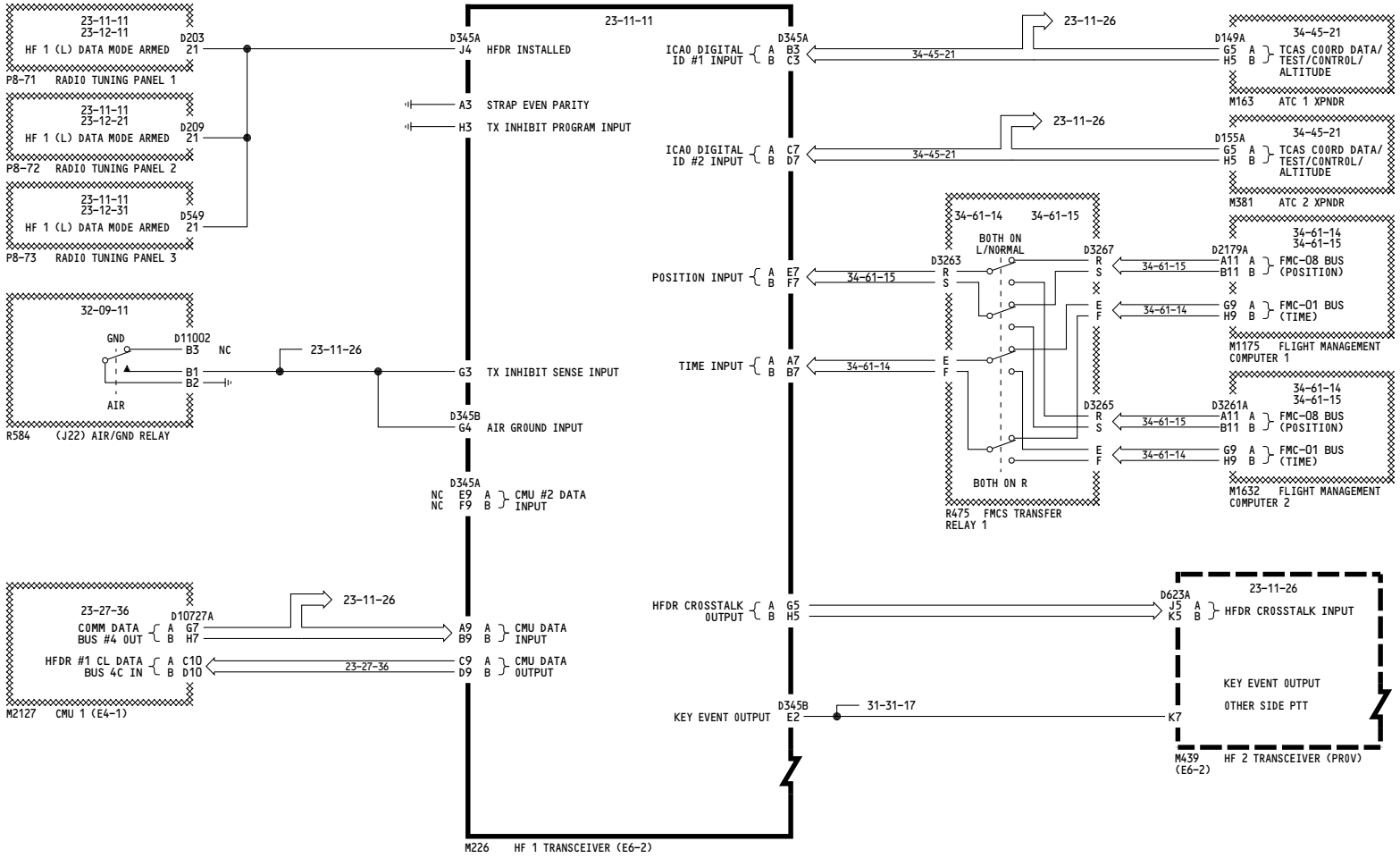
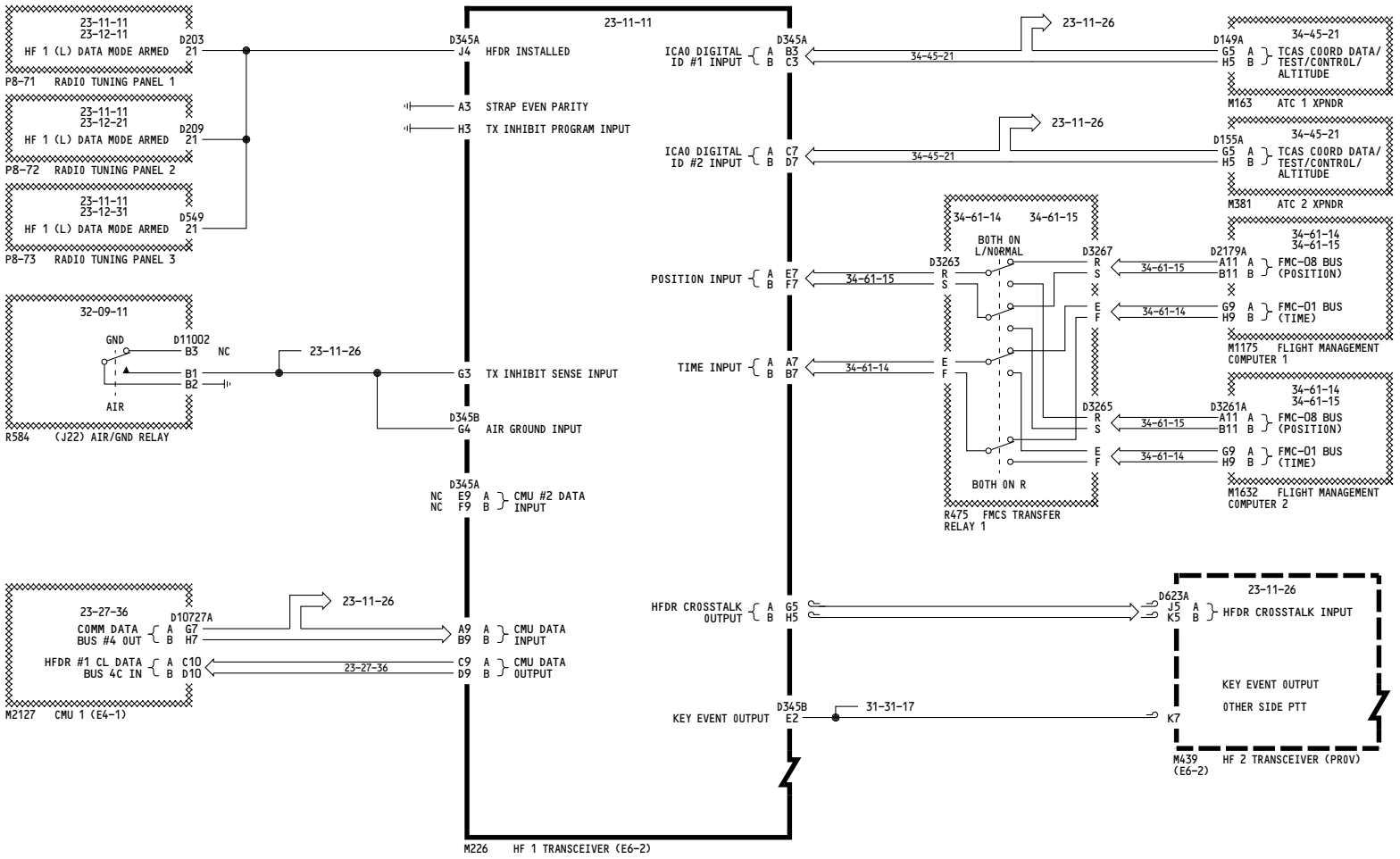
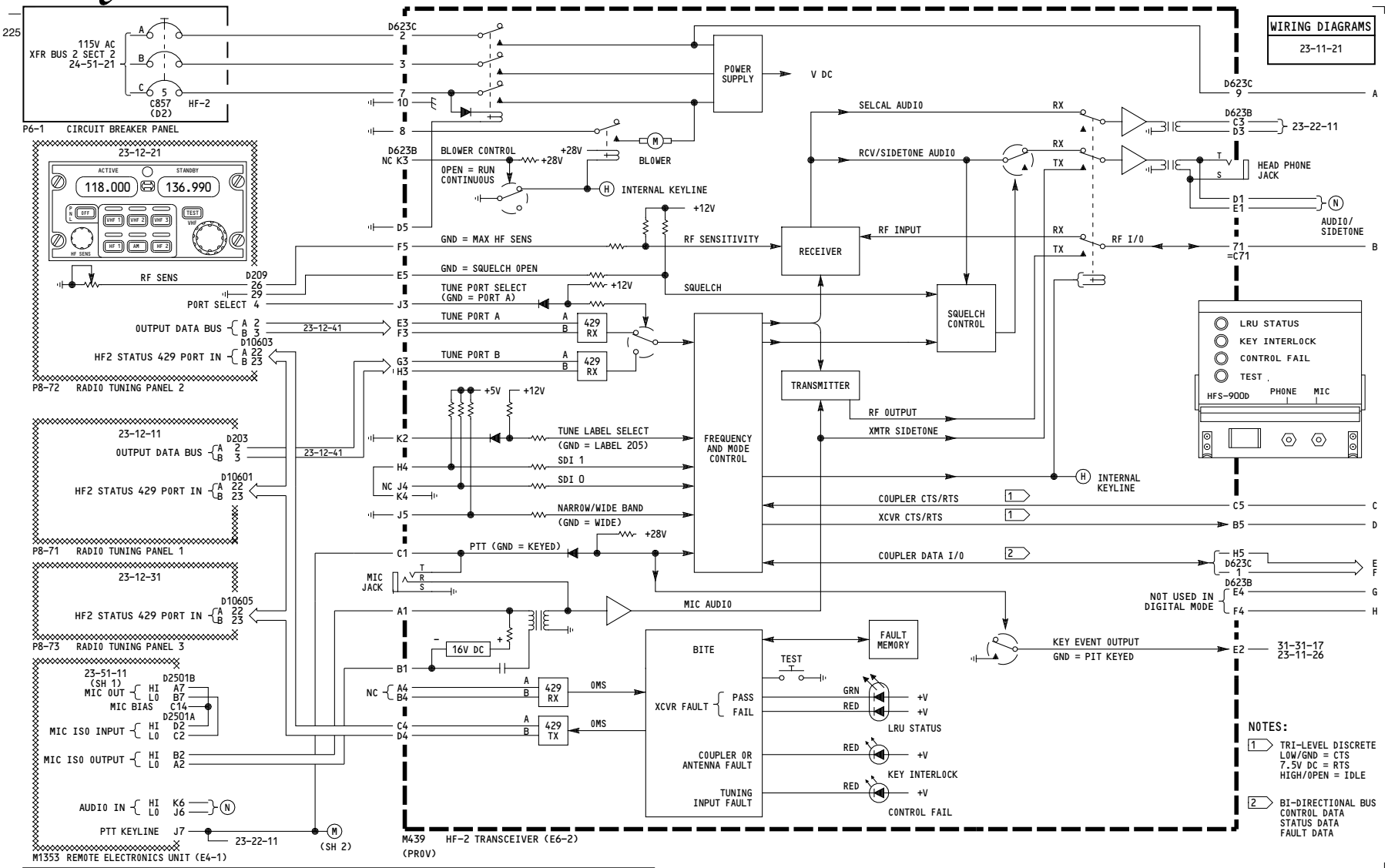
STATUS DATA
FAULT DATA







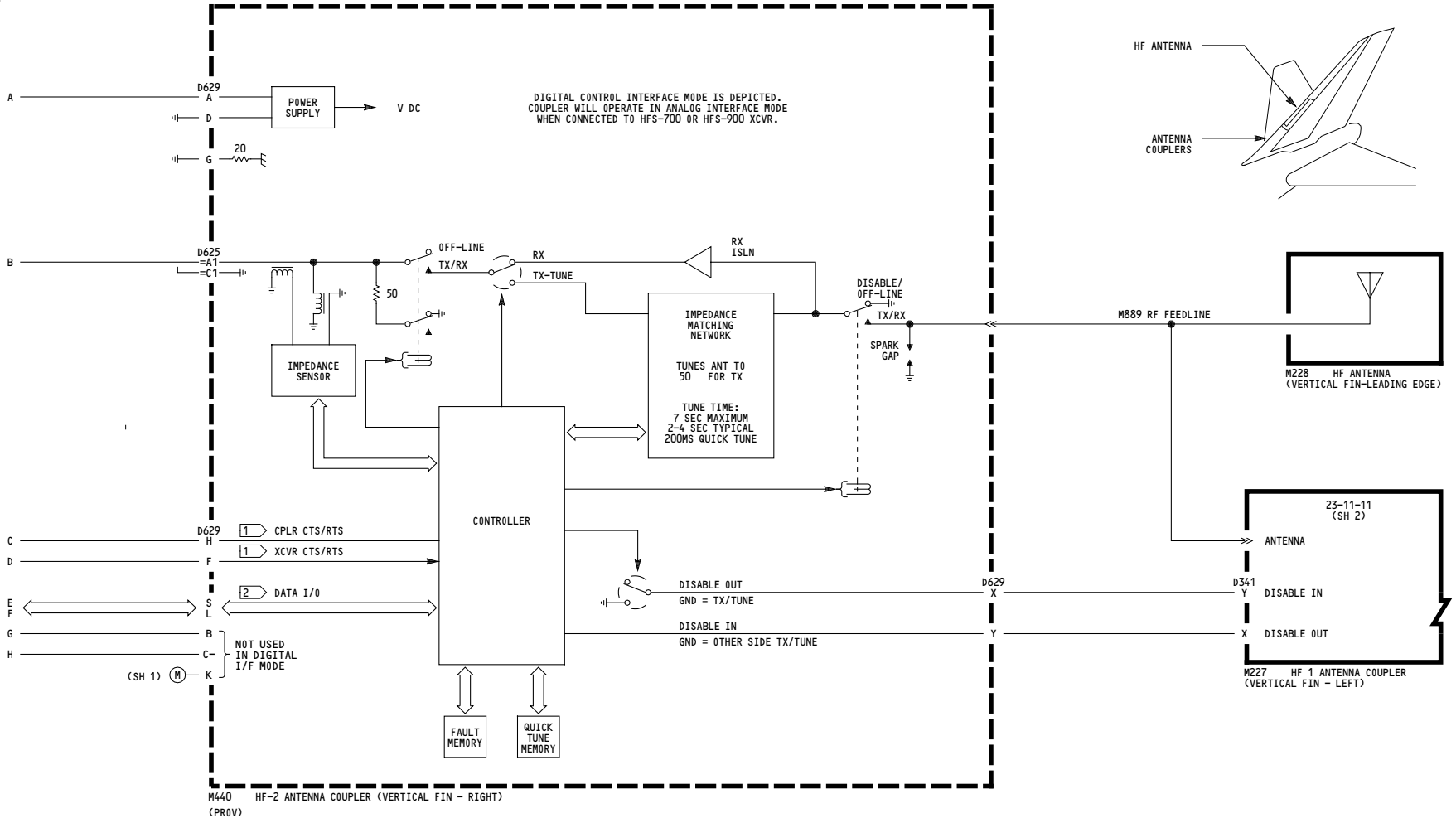
YT101-YT103

HF COMMUNICATIONS 2

D280A451

23-11-21

21



NOTES:

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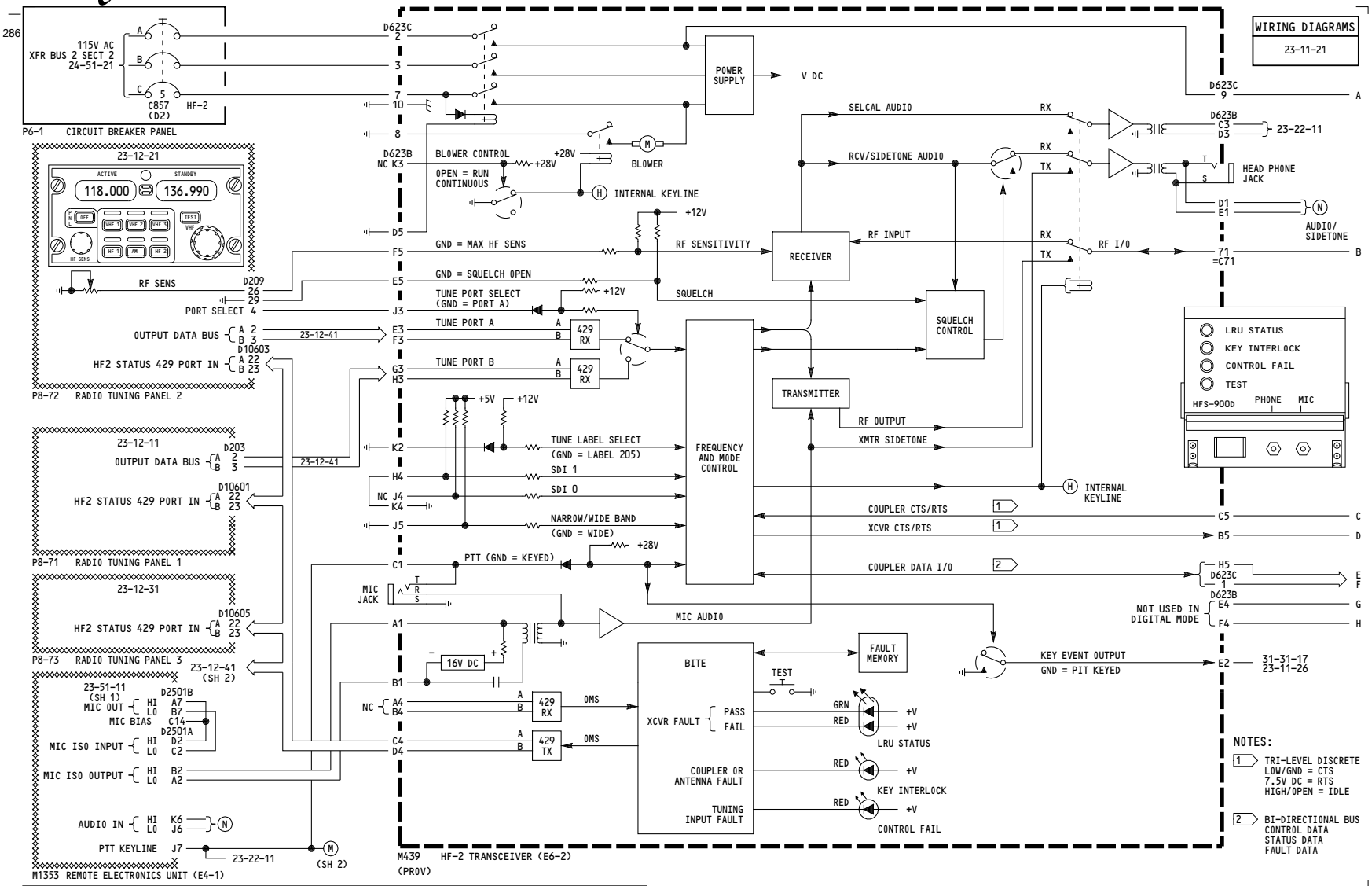
CONTROL DATA
STATUS DATA
FAULT DATA

YT101-YT103

HF COMMUNICATIONS 2

D280A451



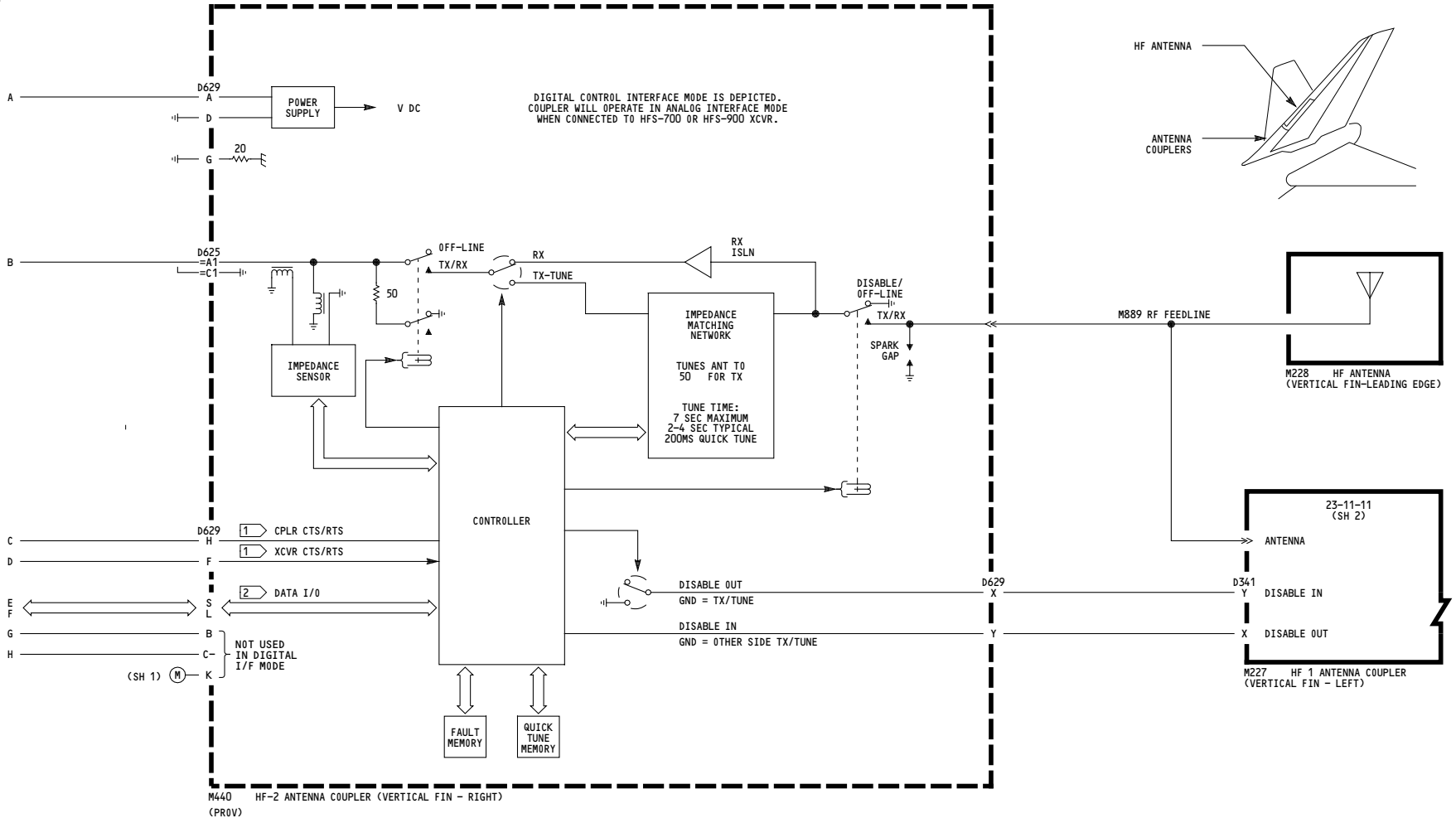
YT104-YT133

HF COMMUNICATIONS 2

D280A451

23-11-21

21



NOTES:

1 TRI-LEVEL DISCRETE
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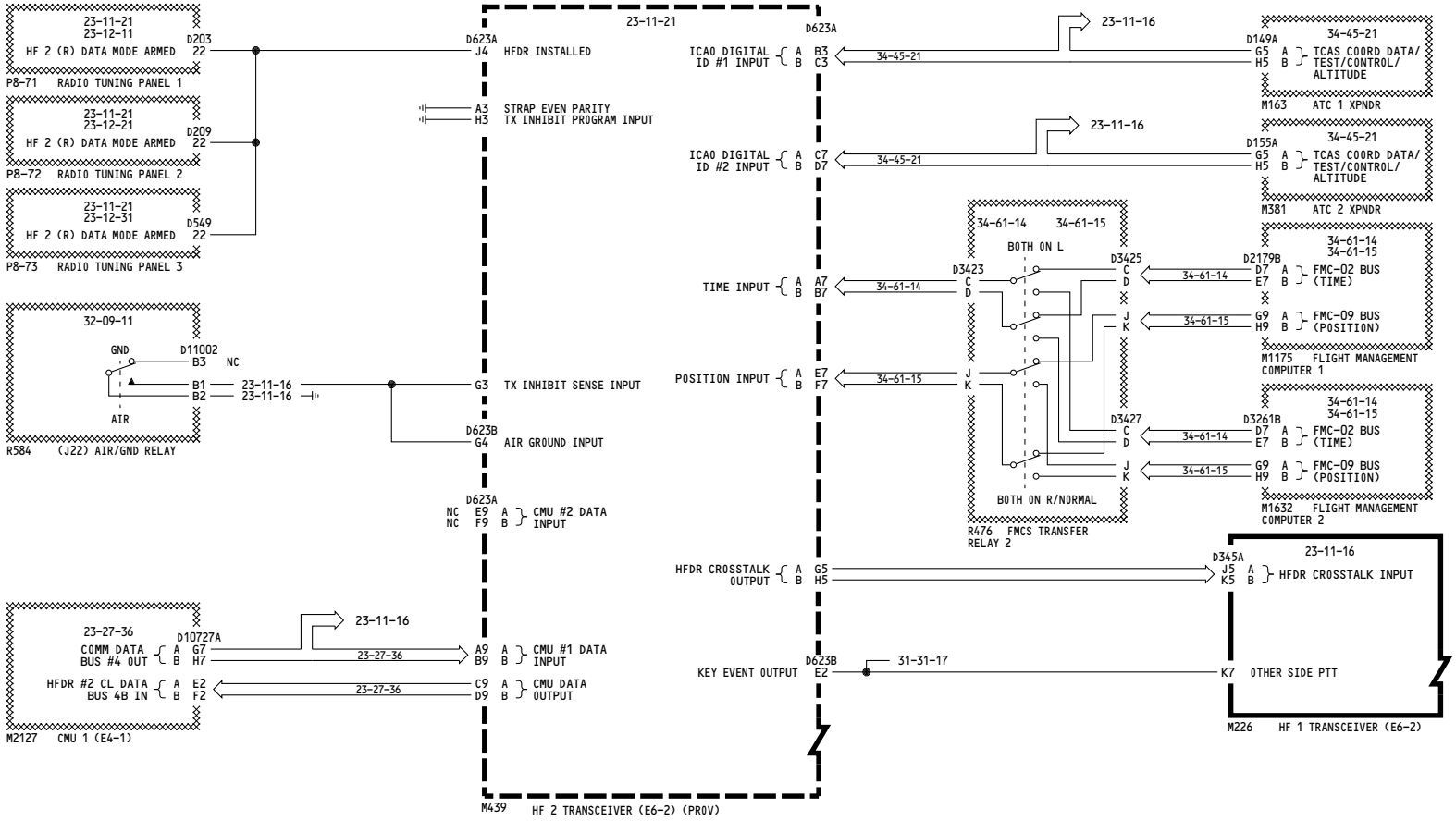
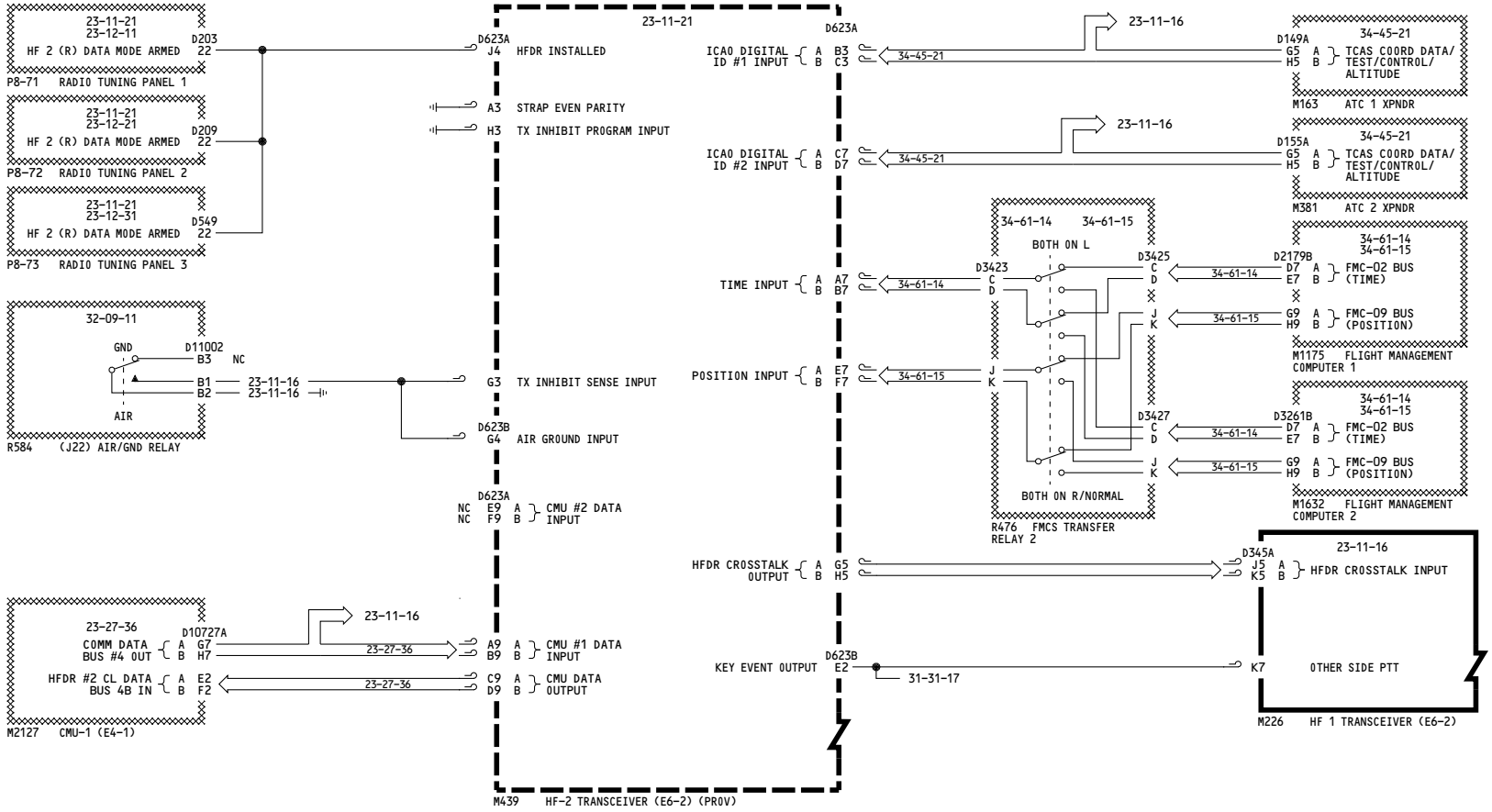
2 BI-DIRECTIONAL BUS
CONTROL DATA
STATUS DATA
FAULT DATA

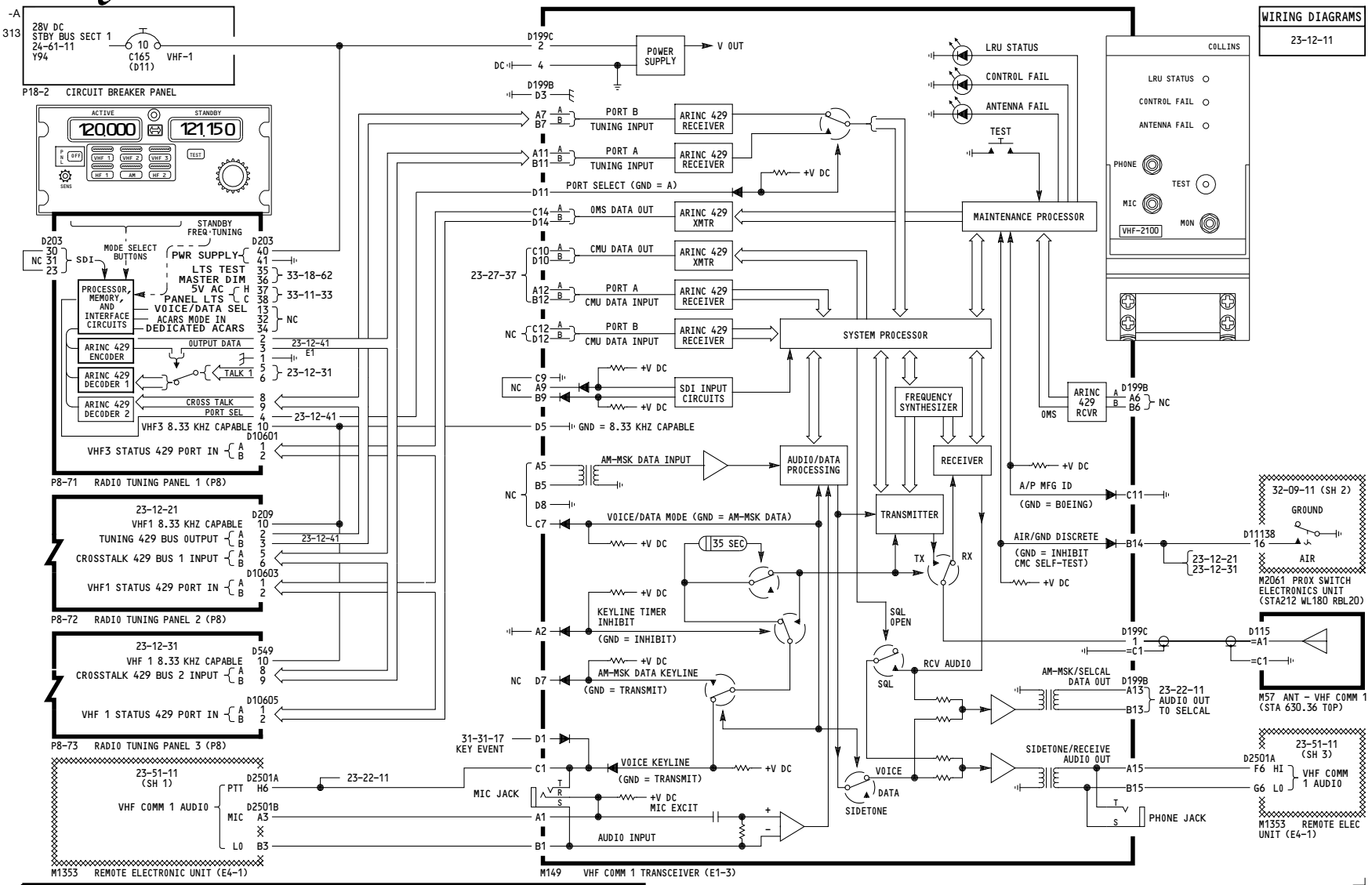
YT104-YT133

HF COMMUNICATIONS 2

D280A451





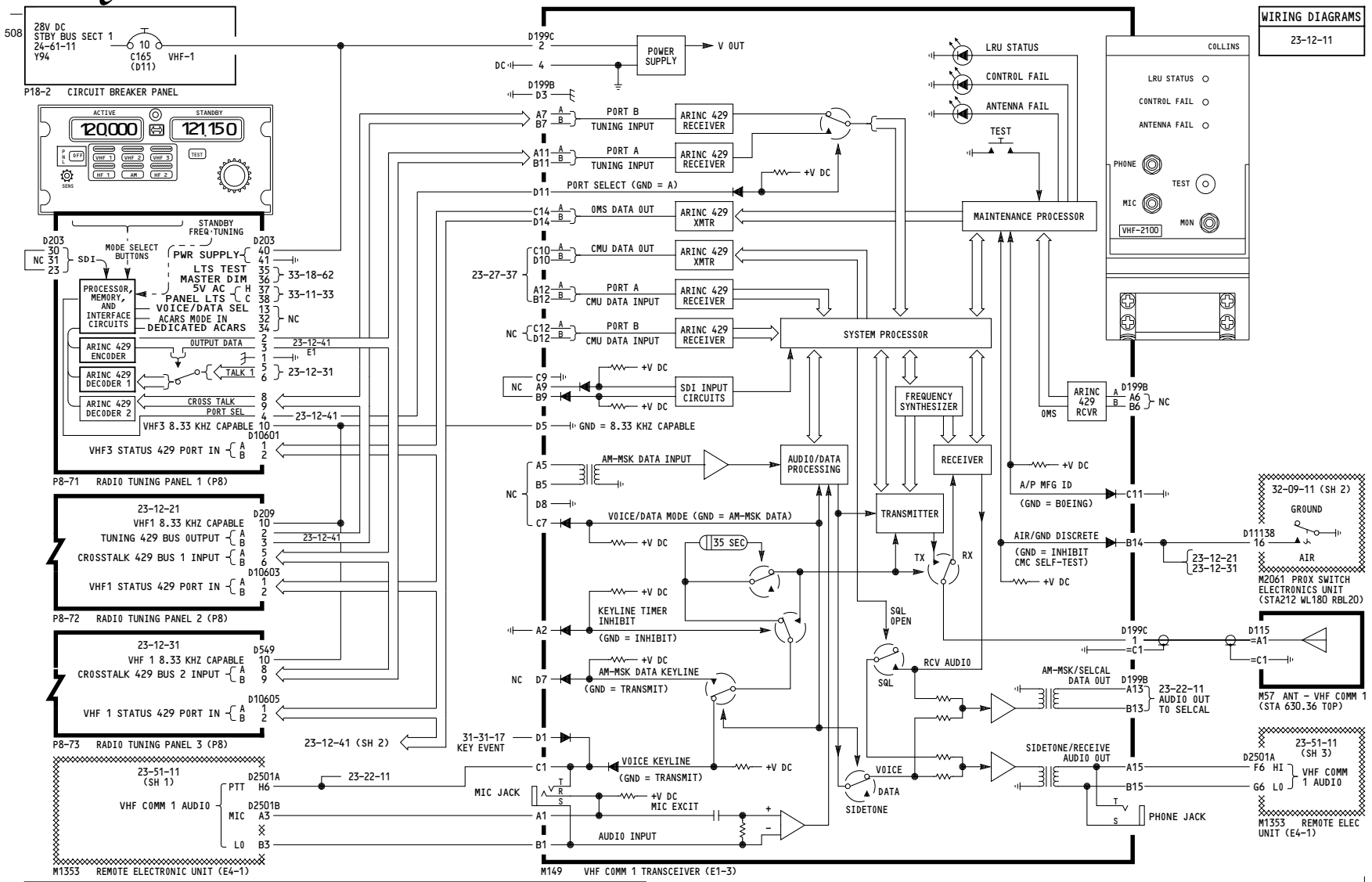


YT101-YT103

VHF COMMUNICATIONS 1

D280A451

23-12-11



YT104-YT133

VHF COMMUNICATIONS 1

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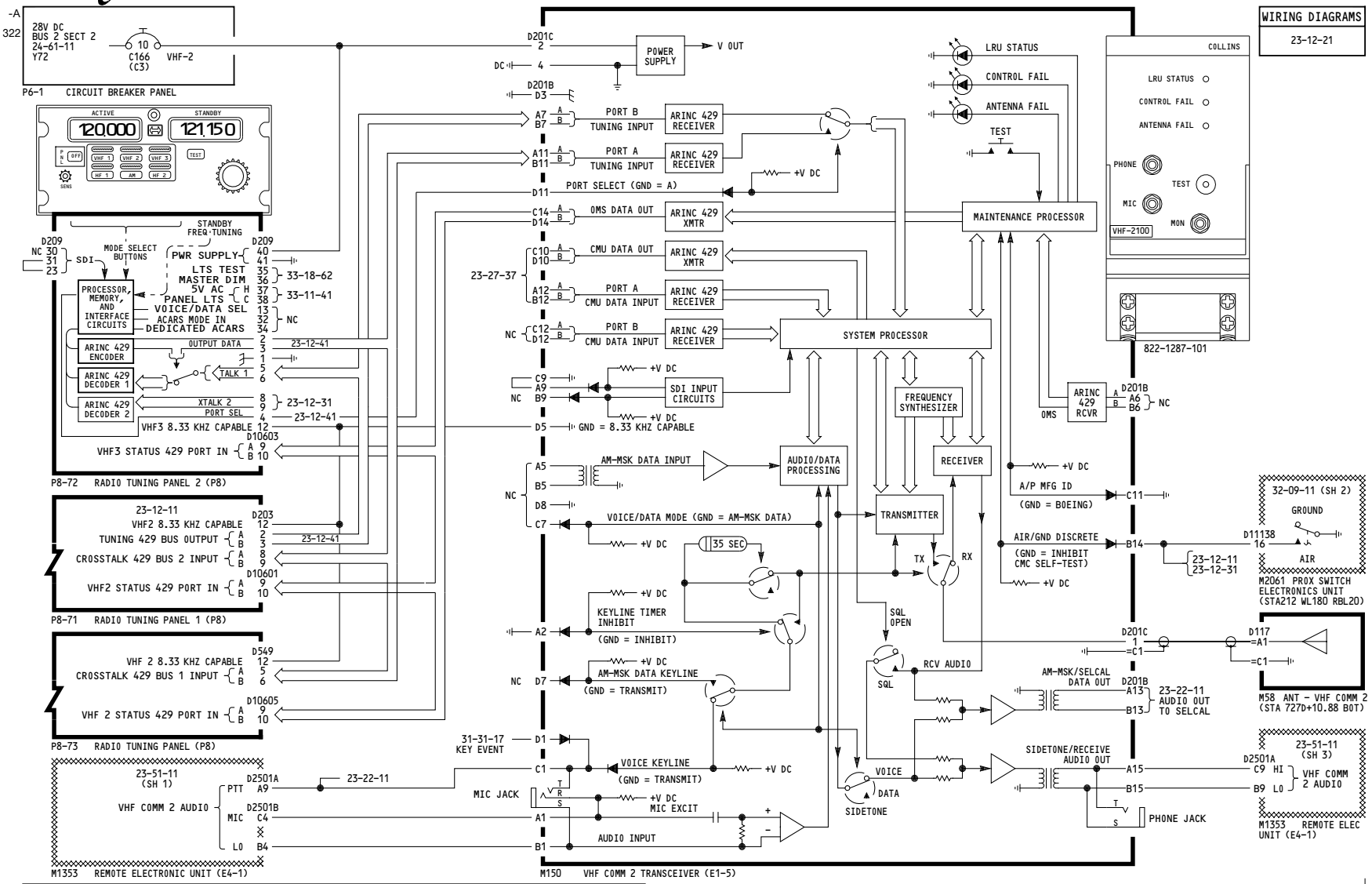
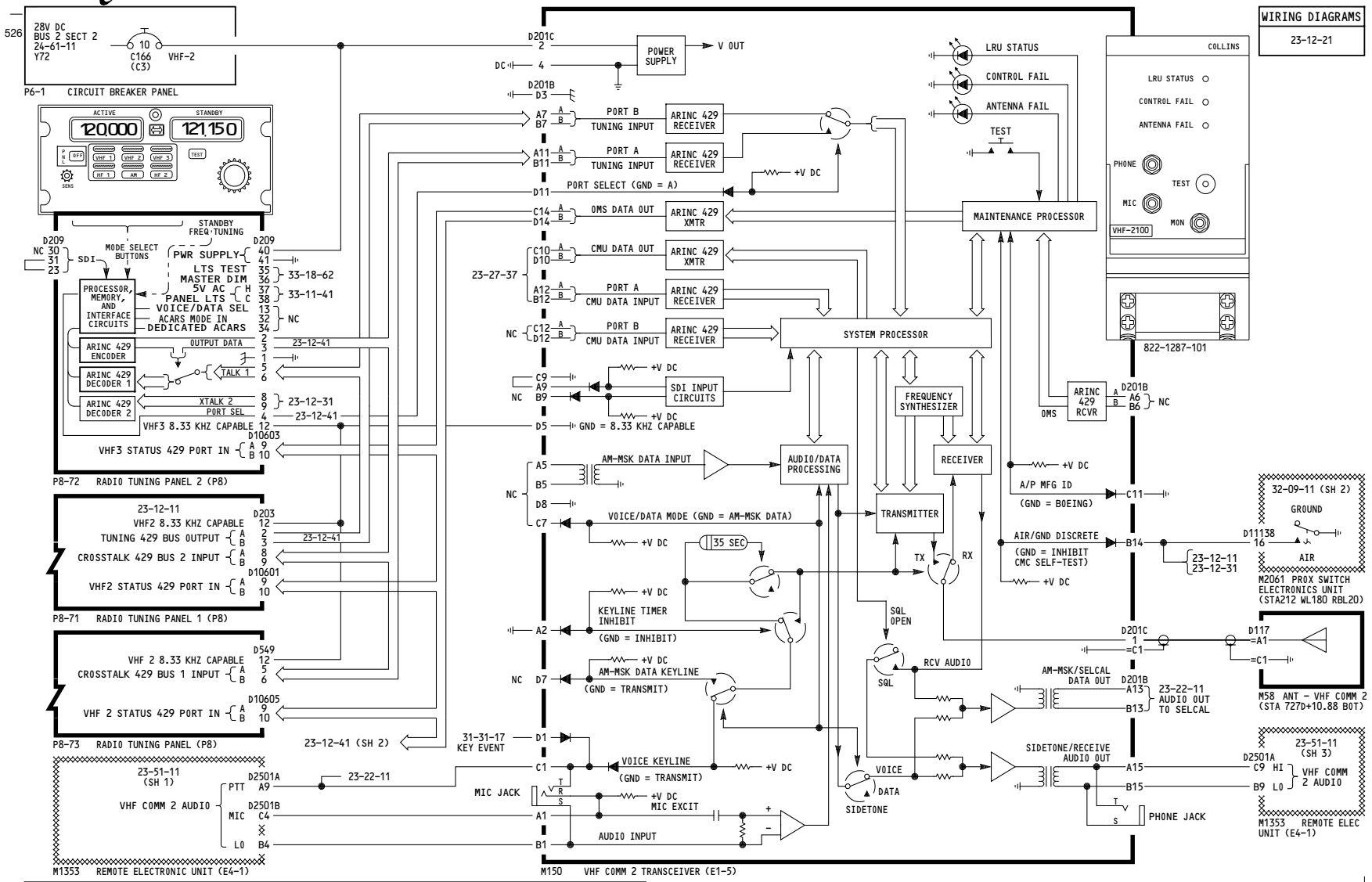


YT101-YT103

VHF COMMUNICATIONS 2

D280A451

WIRING DIAGRAMS
23-12-21



YT104-YT133

VHF COMMUNICATIONS 2

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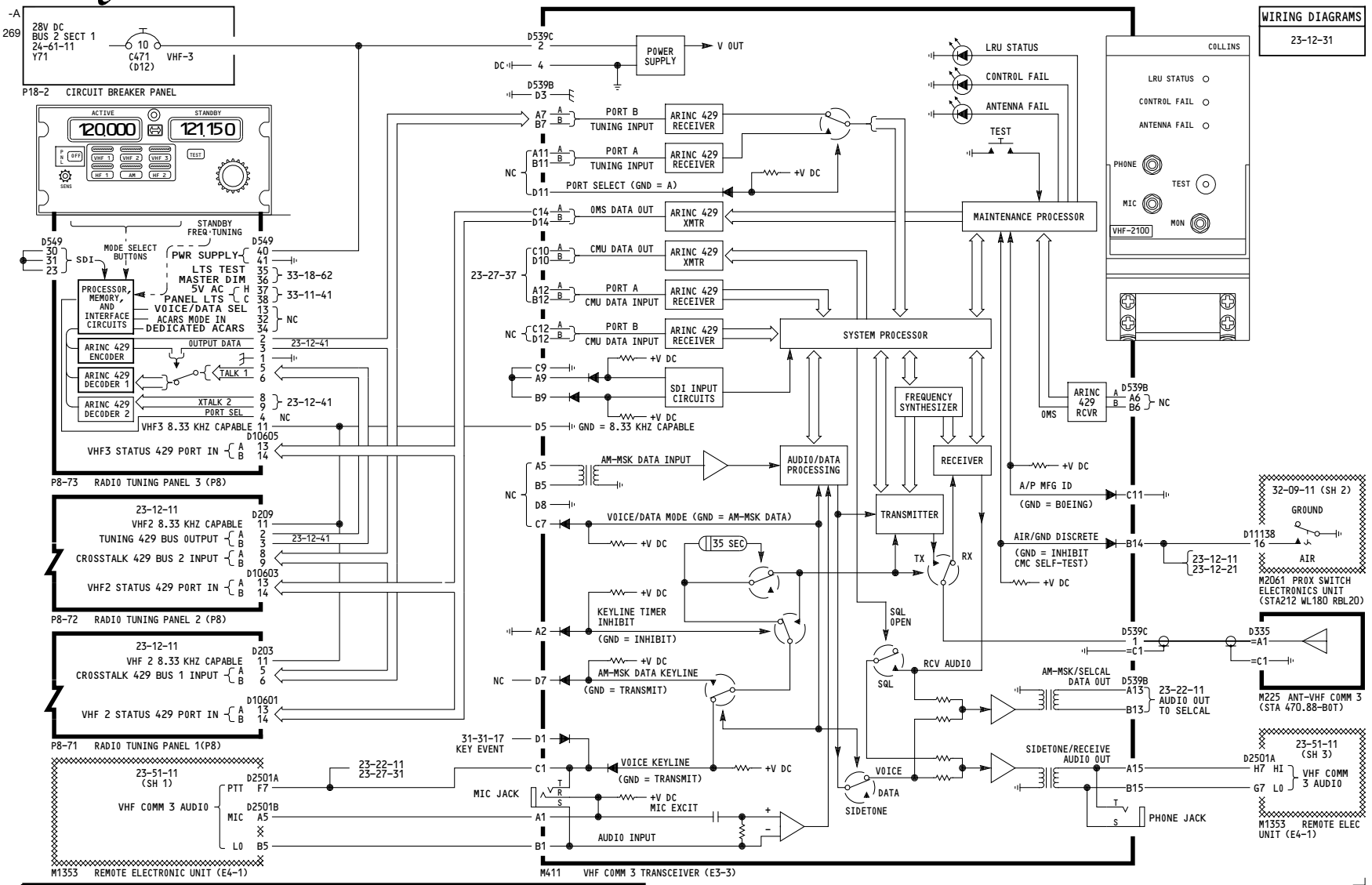
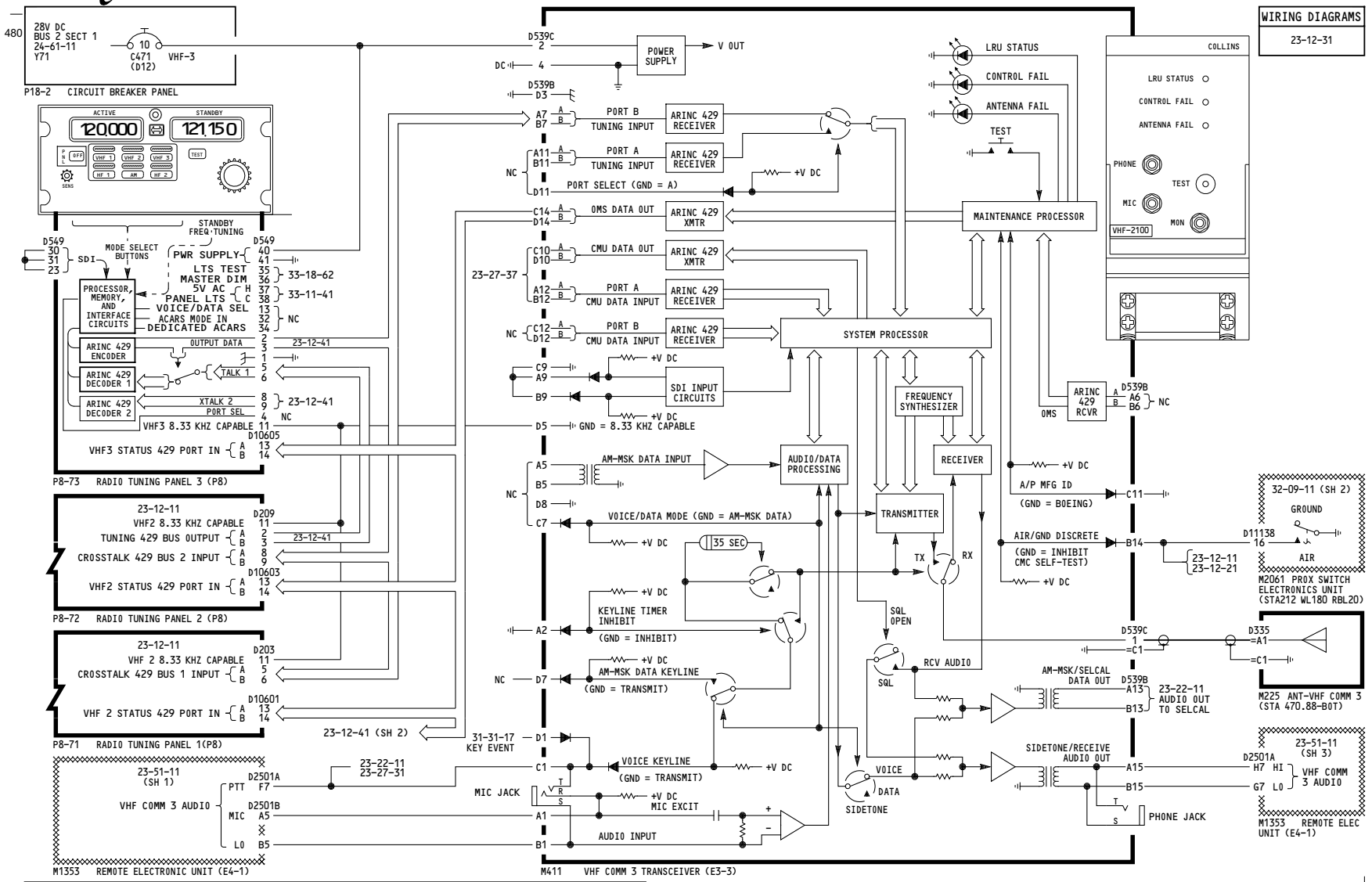


YT101-YT103

VHF COMMUNICATIONS 3

D280A451

WIRING DIAGRAMS
23-12-31



YT104-YT133

VHF COMMUNICATIONS 3

D280A451

23-12-31

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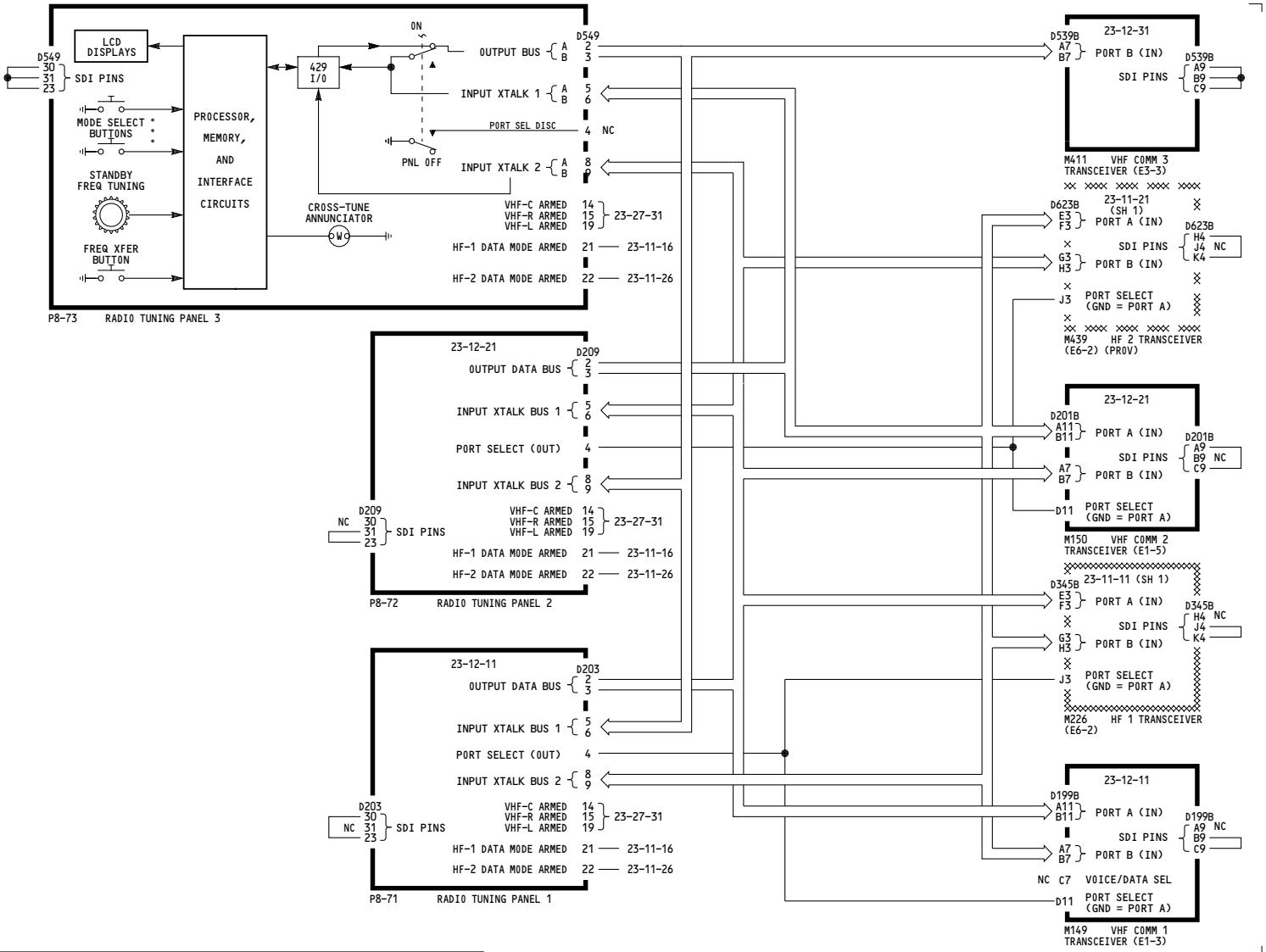
Jun 21/2016



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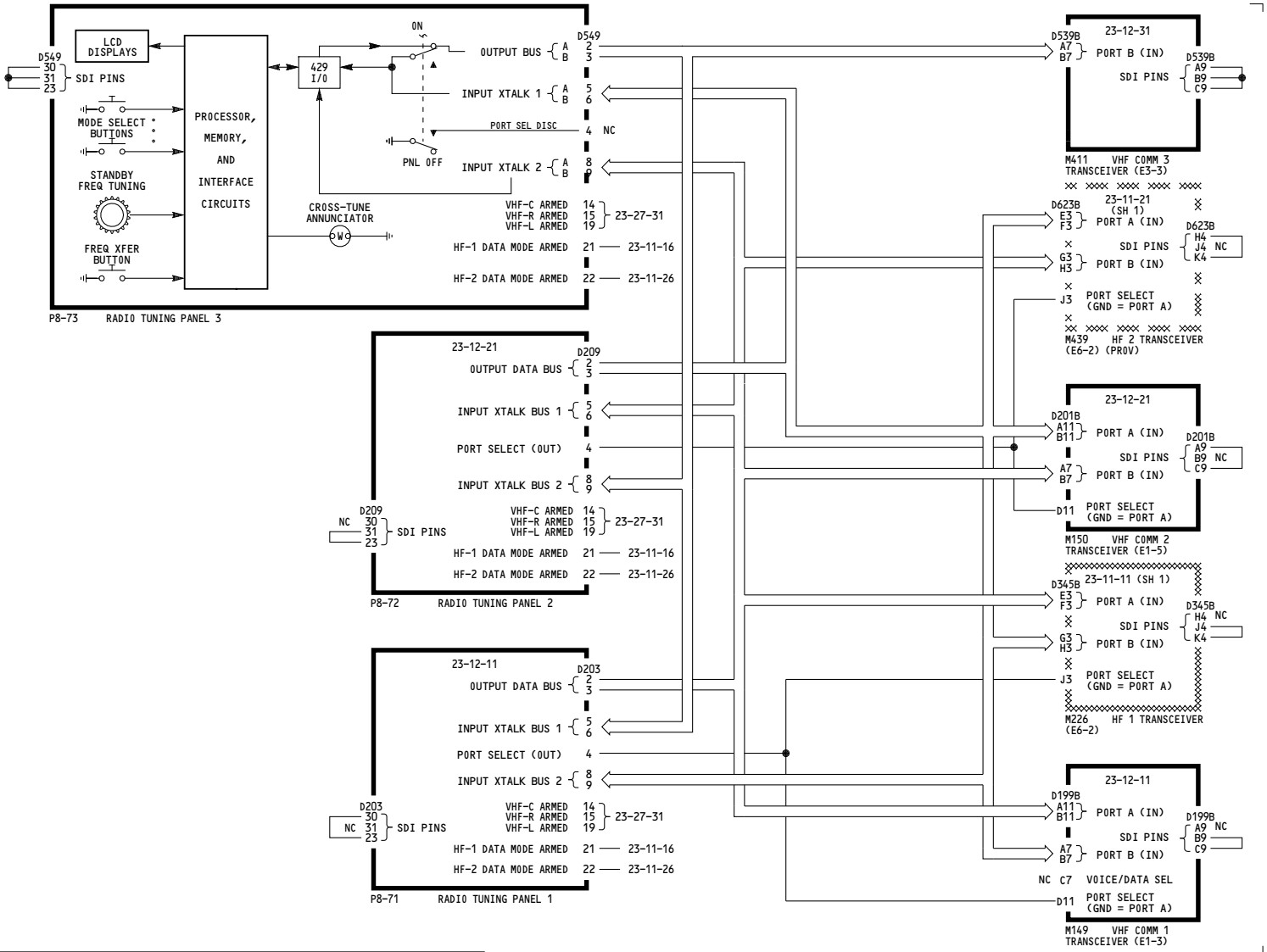
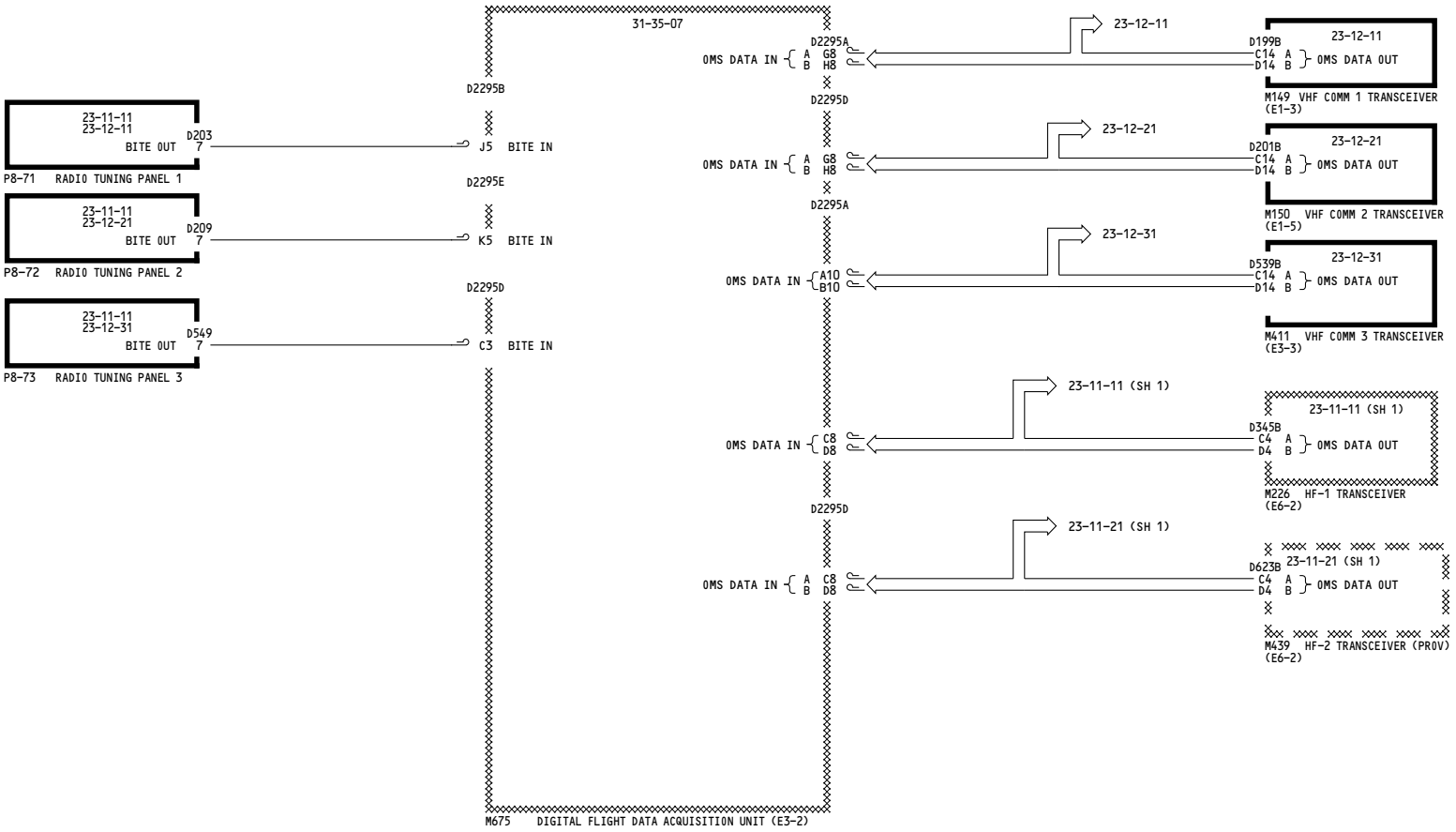
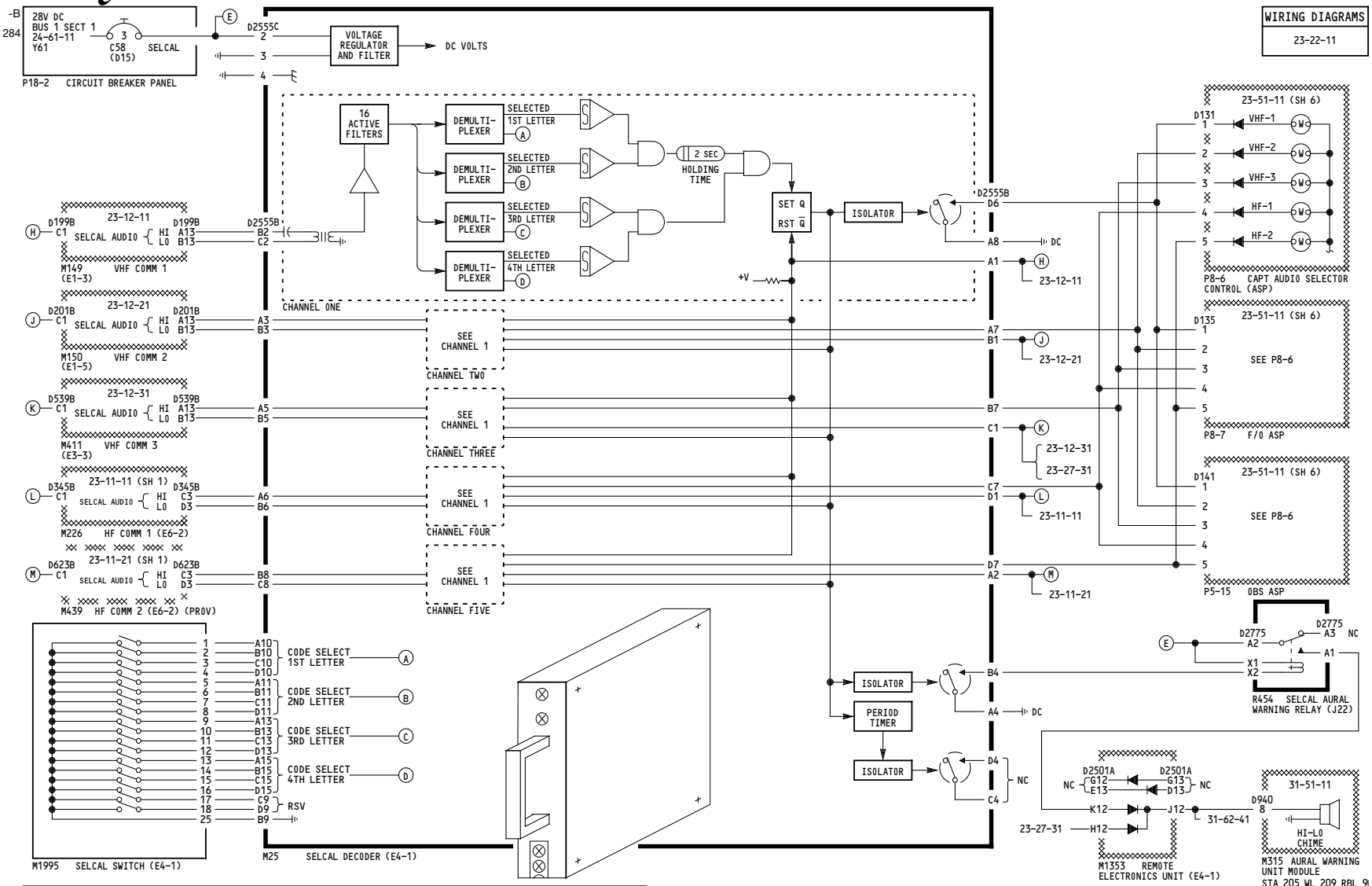


YT104-YT133

VHF/HF COMMUNICATIONS

D280A451





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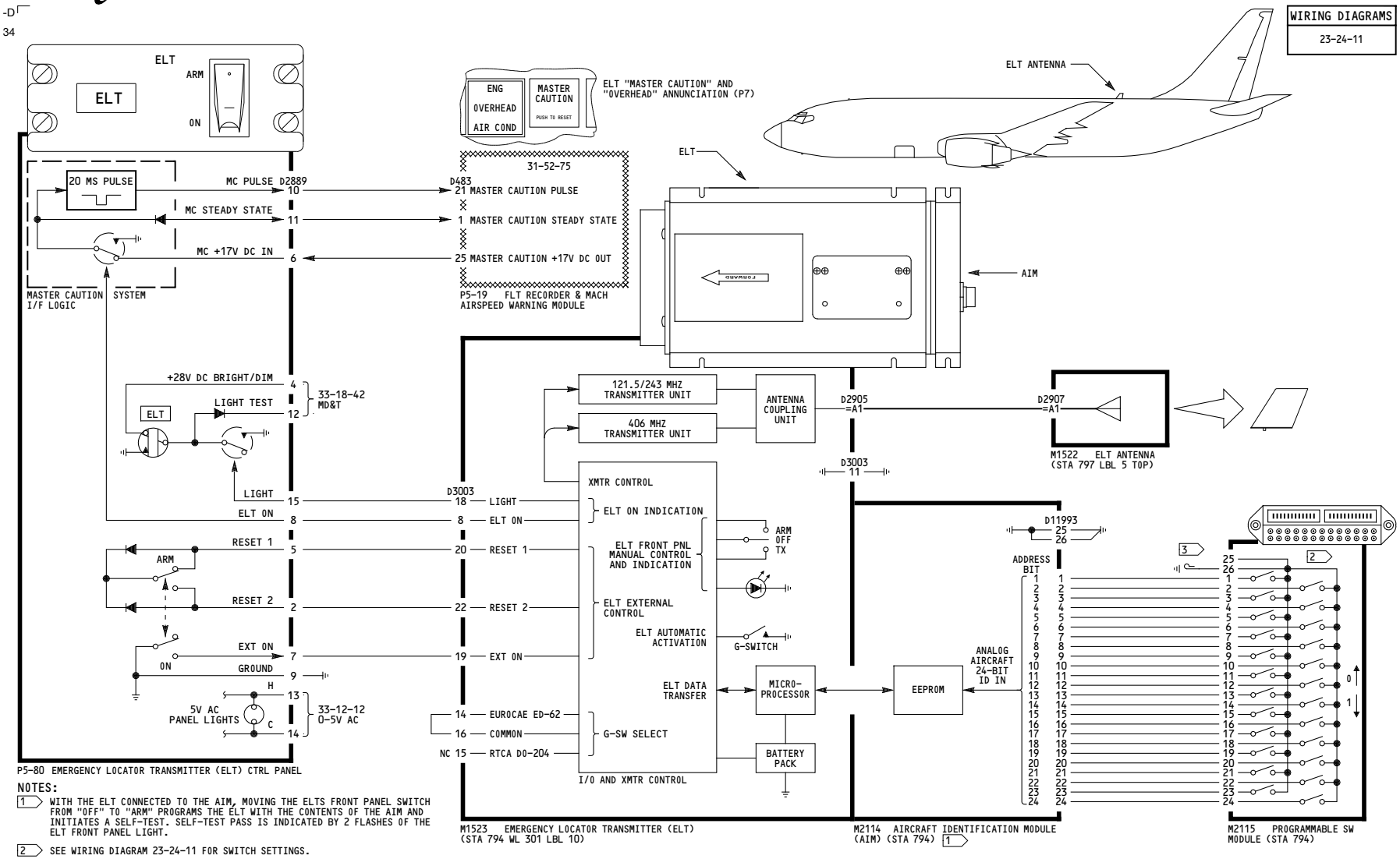


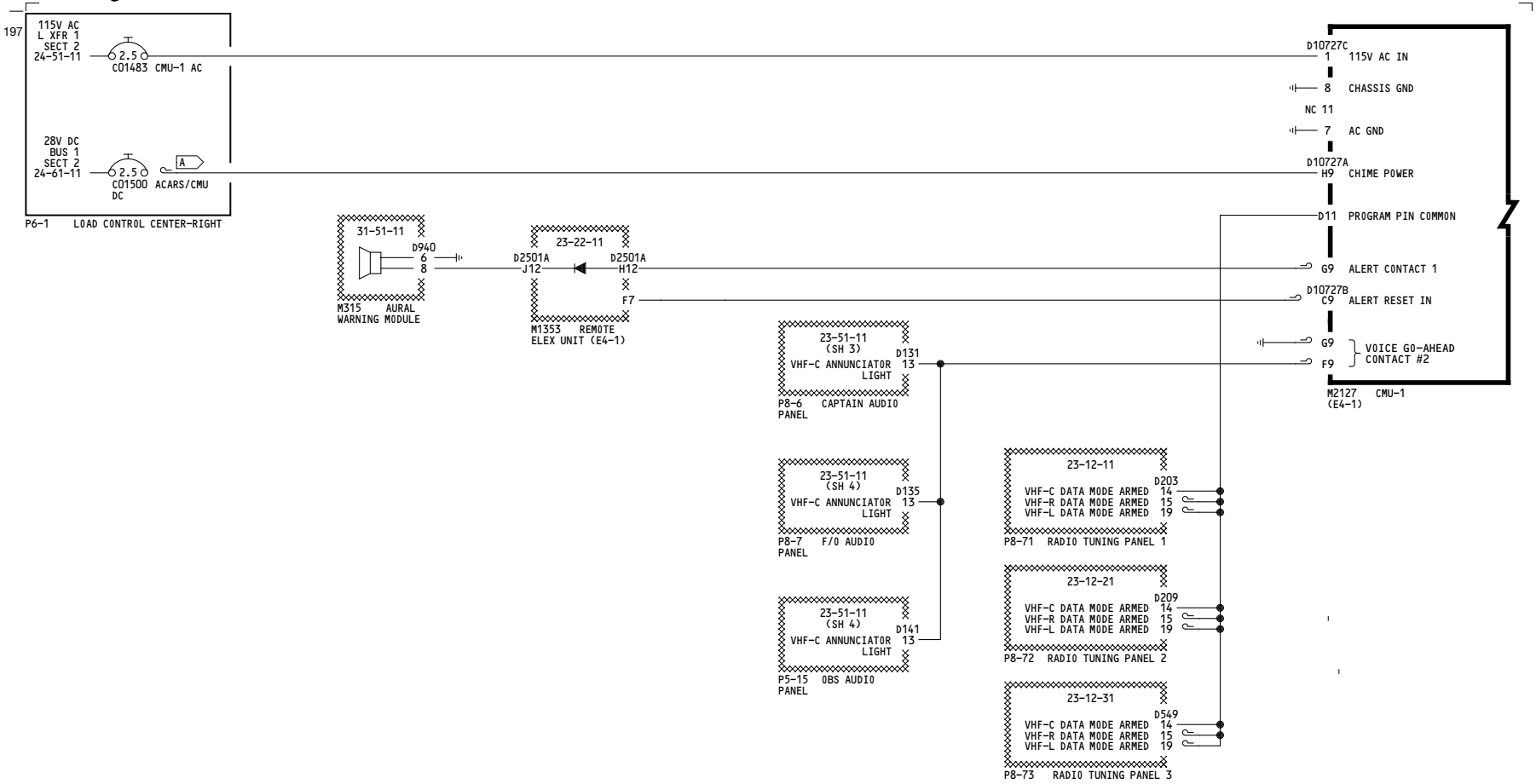
NOTES:

1. WITH THE ELT CONNECTED TO THE AIM, MOVING THE ELTS FRONT PANEL SWITCH FROM "OFF" TO "ARM" PROGRAMS THE ELT WITH THE CONTENTS OF THE AIM AND INITIATES A SELF-TEST. SELF-TEST PASS IS INDICATED BY 2 FLASHES OF THE ELT FRONT PANEL LIGHT.
2. SEE WIRING DIAGRAM 23-24-11 FOR SWITCH SETTINGS.
3. M2115 IS DISABLED SO AIM WILL RETAIN FACTORY CODING

ALL

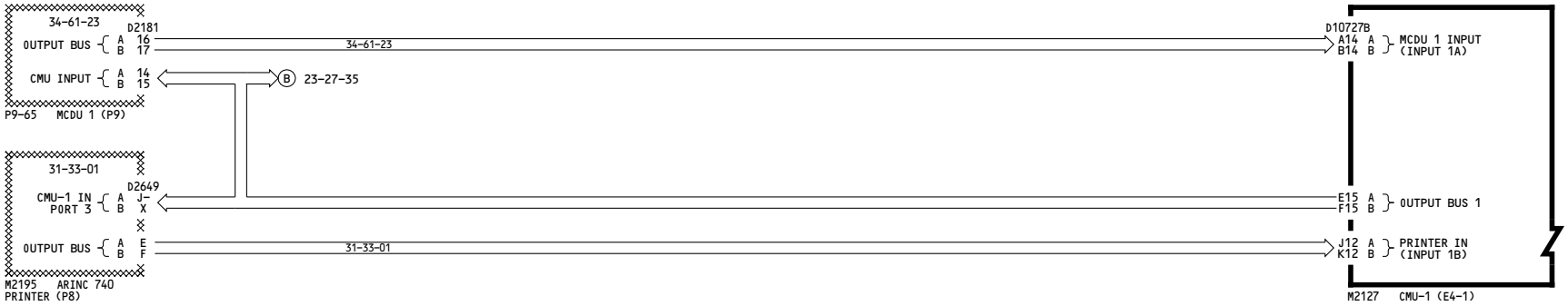
EMERGENCY LOCATOR TRANSMITTER (ELT)

D280A451



A COLLAR AND LABEL INOP

ALL	**ACARS/CMU - POWER & CONTROL**
	D280A451



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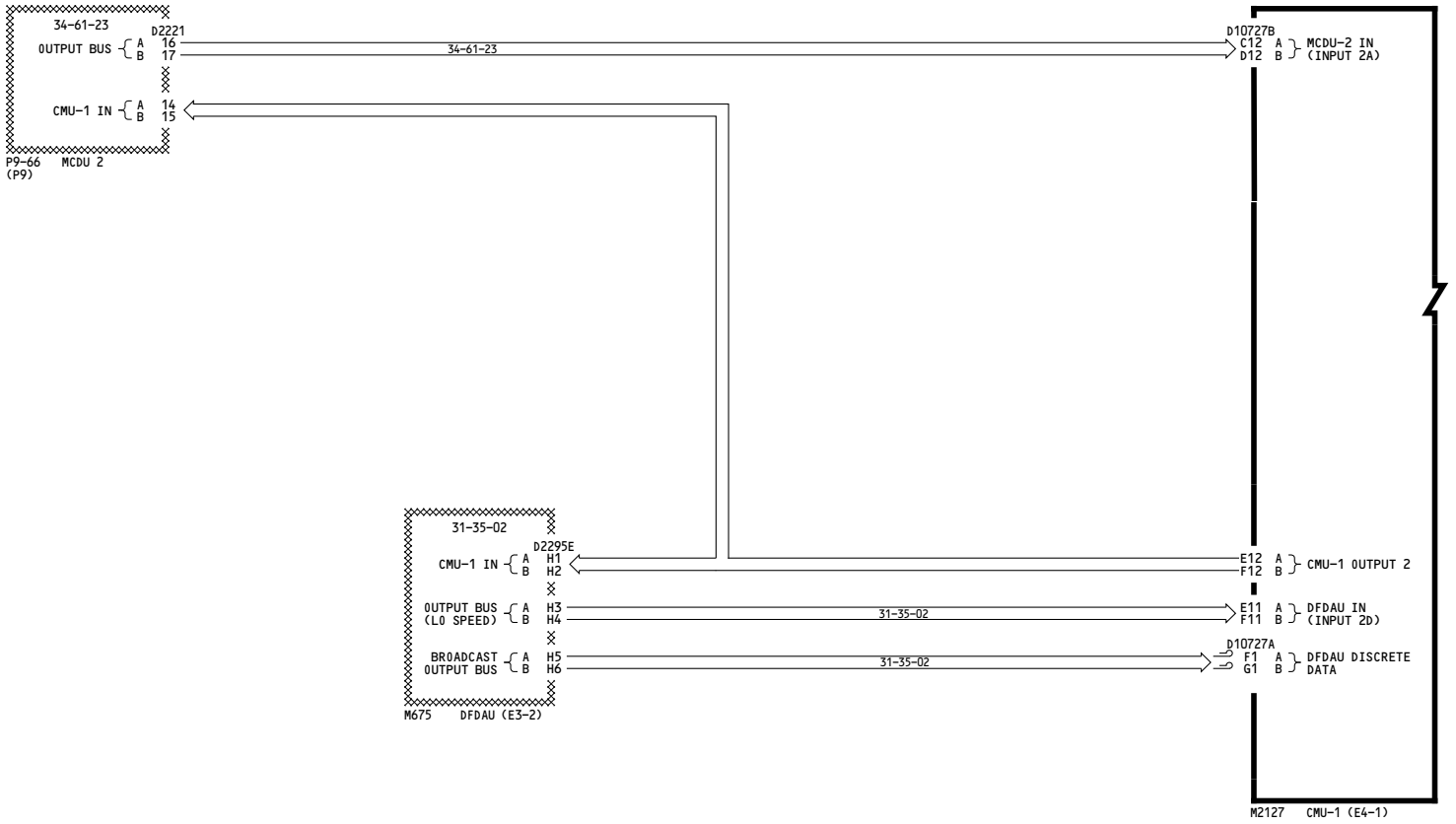
116



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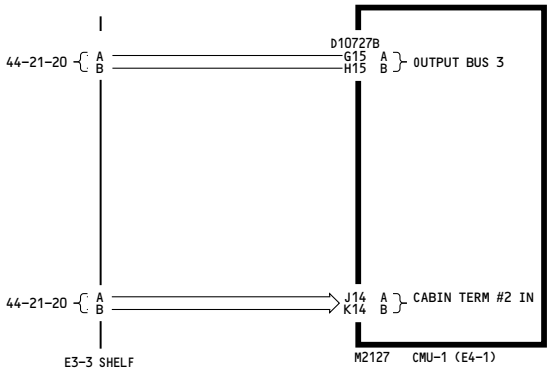
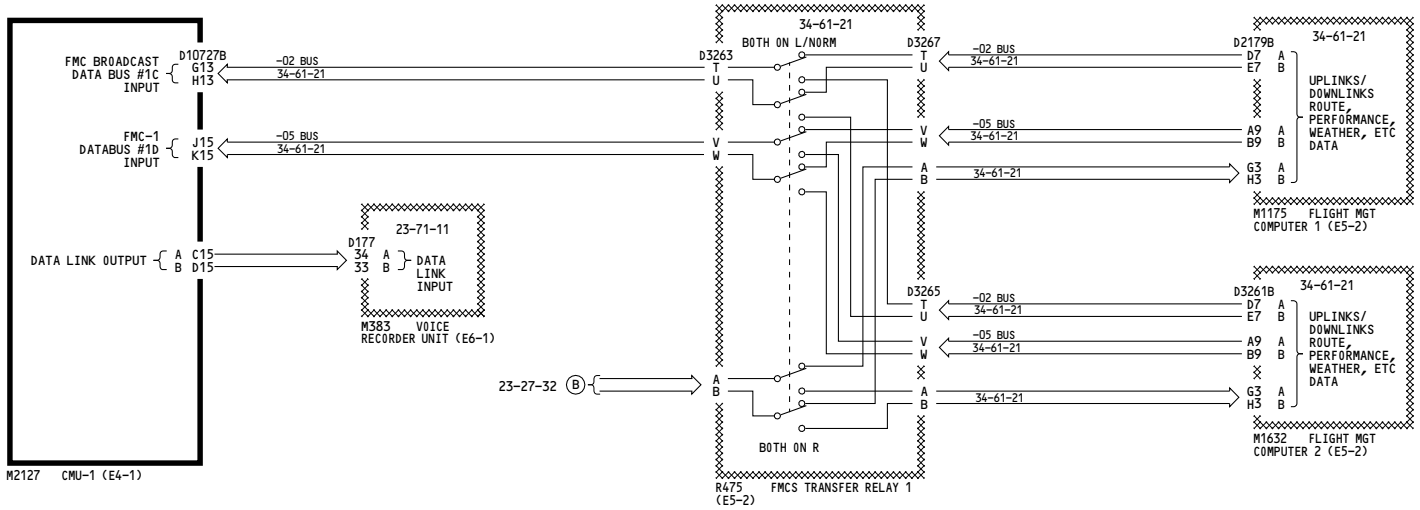
	D280A451



YT101-YT120

ACARS/CMU - OUTPUT BUS 3 INTERFACES

D280A451



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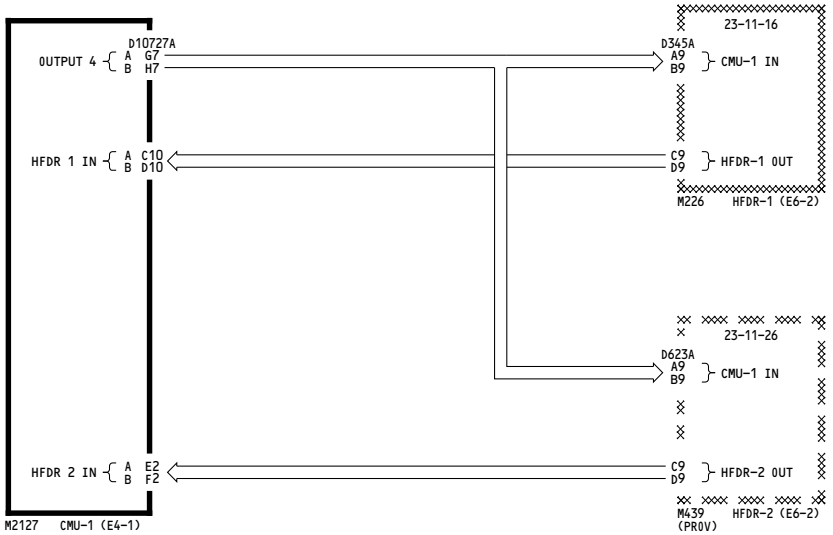

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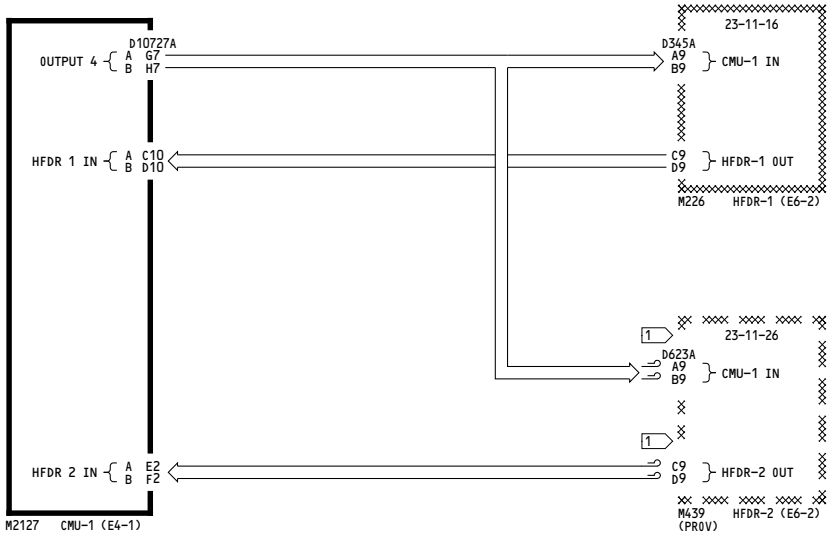
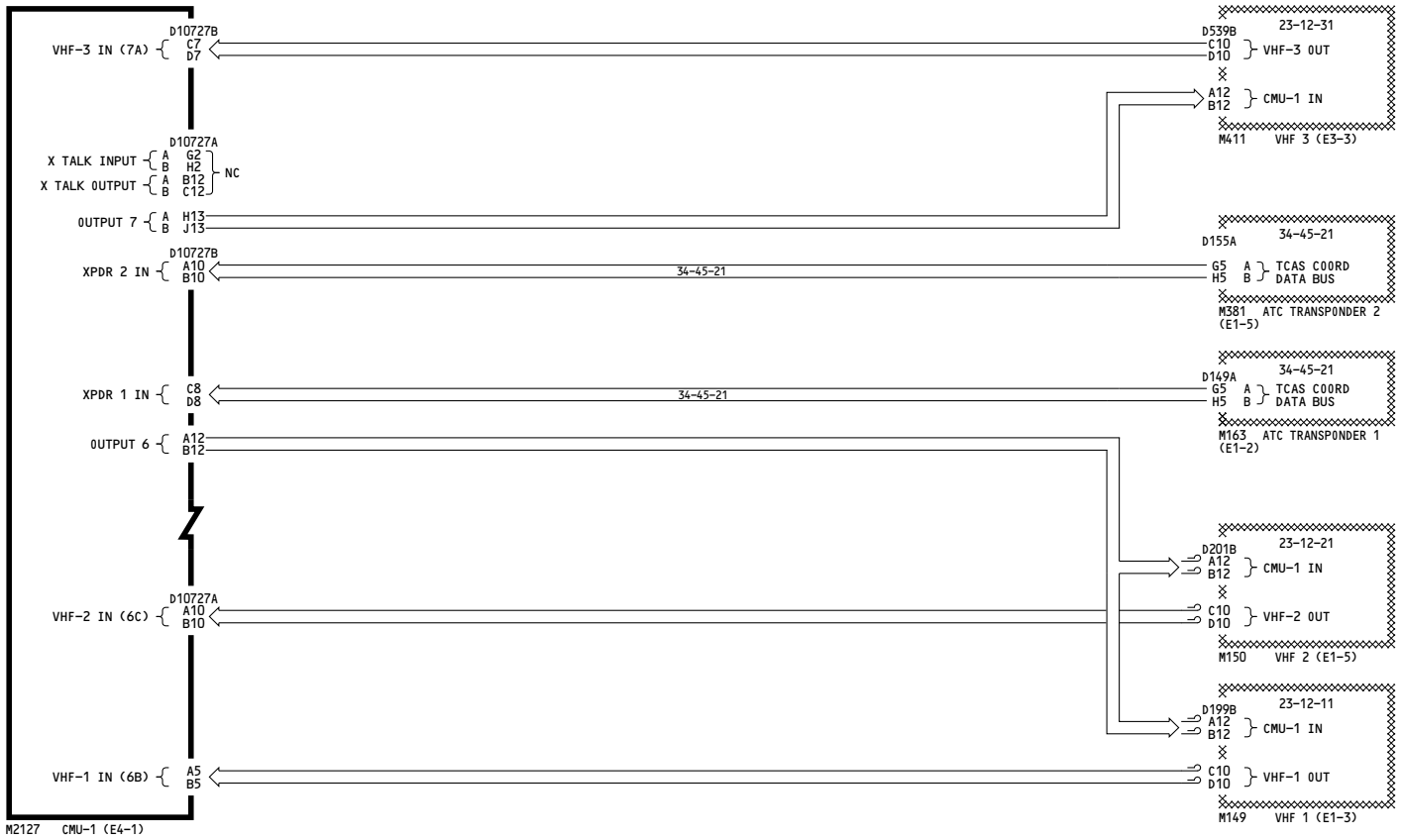
151



NOTES:

1 CAP & STOW NEAR CONNECTOR D623A

YT106-YT133	**ACARS/CMU - OUTPUT BUS 4 INTERFACES**
	D280A451



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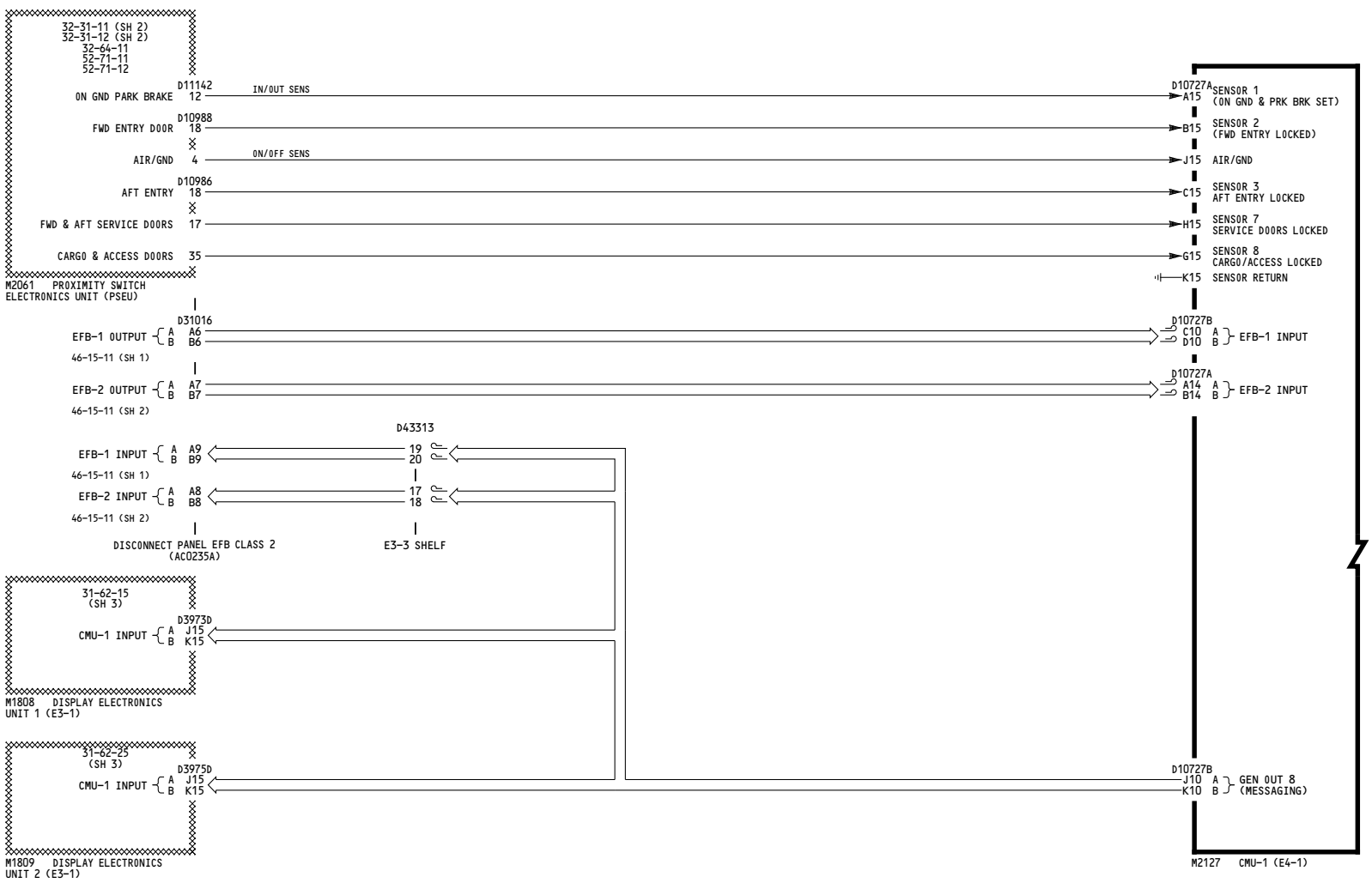
ACARS/CMU - OUTPUT BUS 6 AND BUS 7 INTERFACES

D280A451

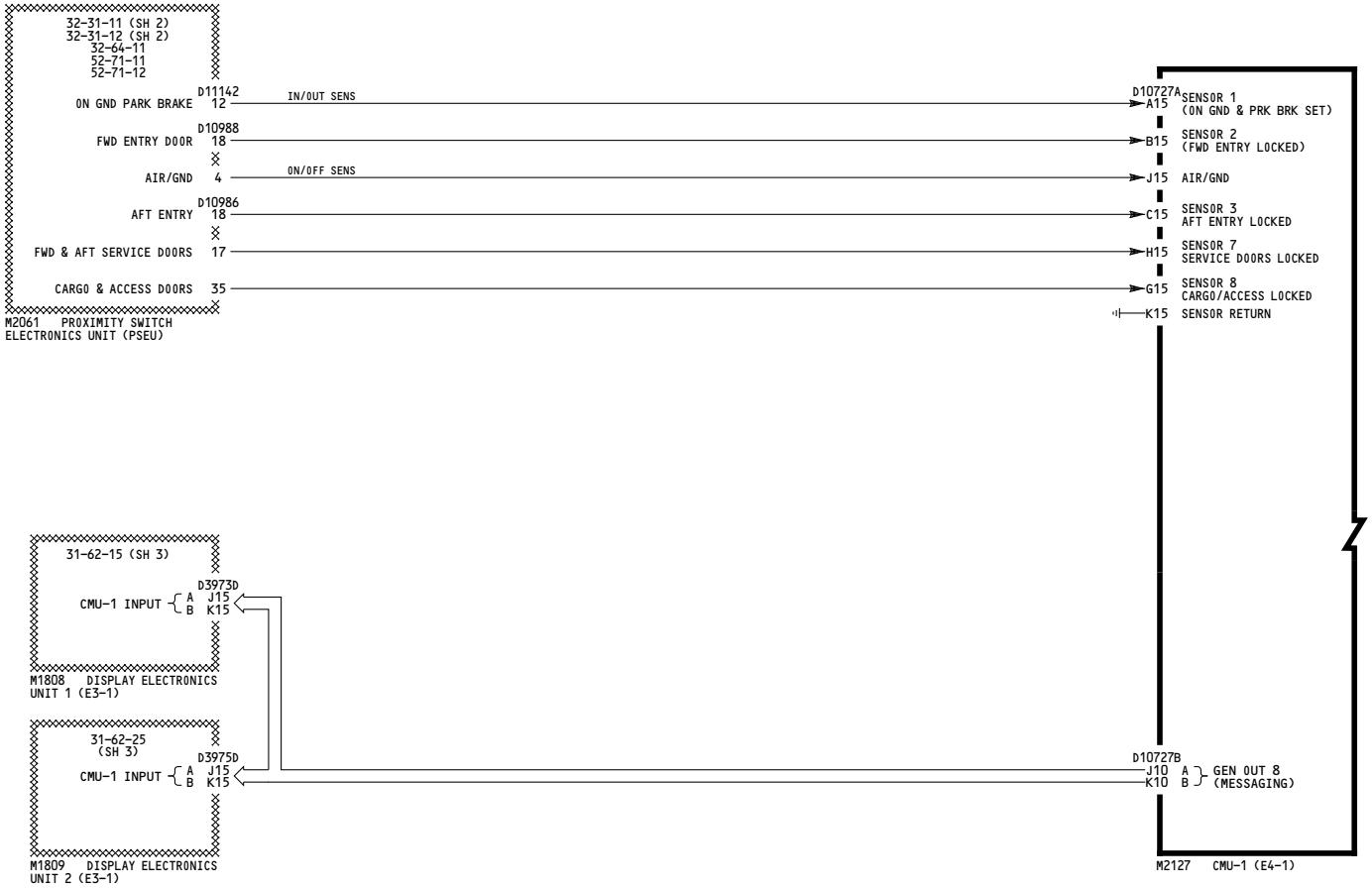


YT101-YT120

ACARS/CMU - OOOI, CREW ADVISORIES AND OUTPUT 8

D280A451

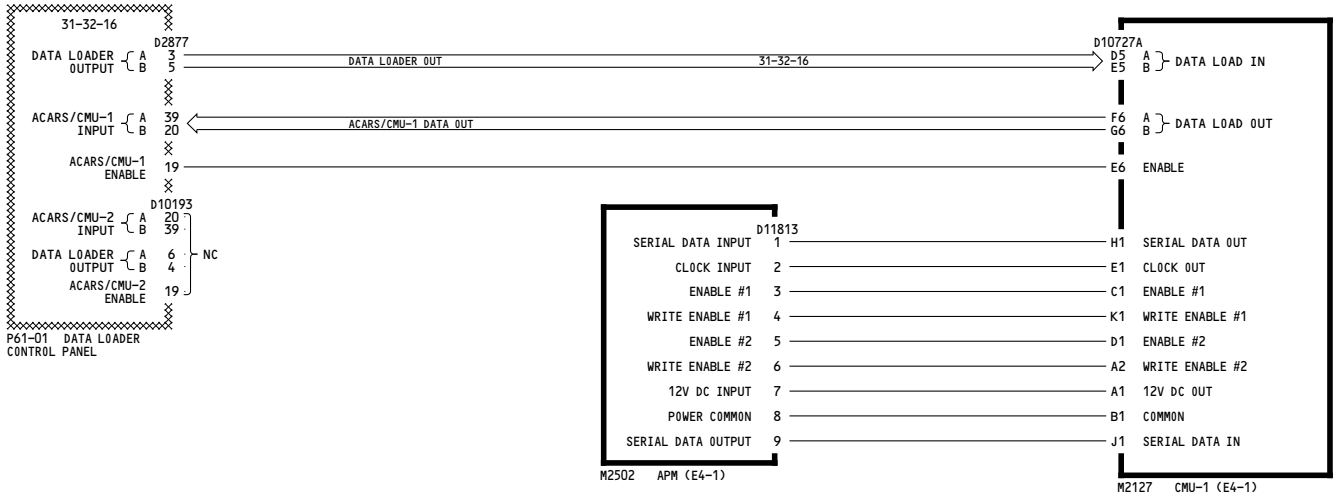
23-27-38



YT126-YT133

ACARS/CMU - OOOI, CREW ADVISORIES AND OUTPUT 8

D280A451



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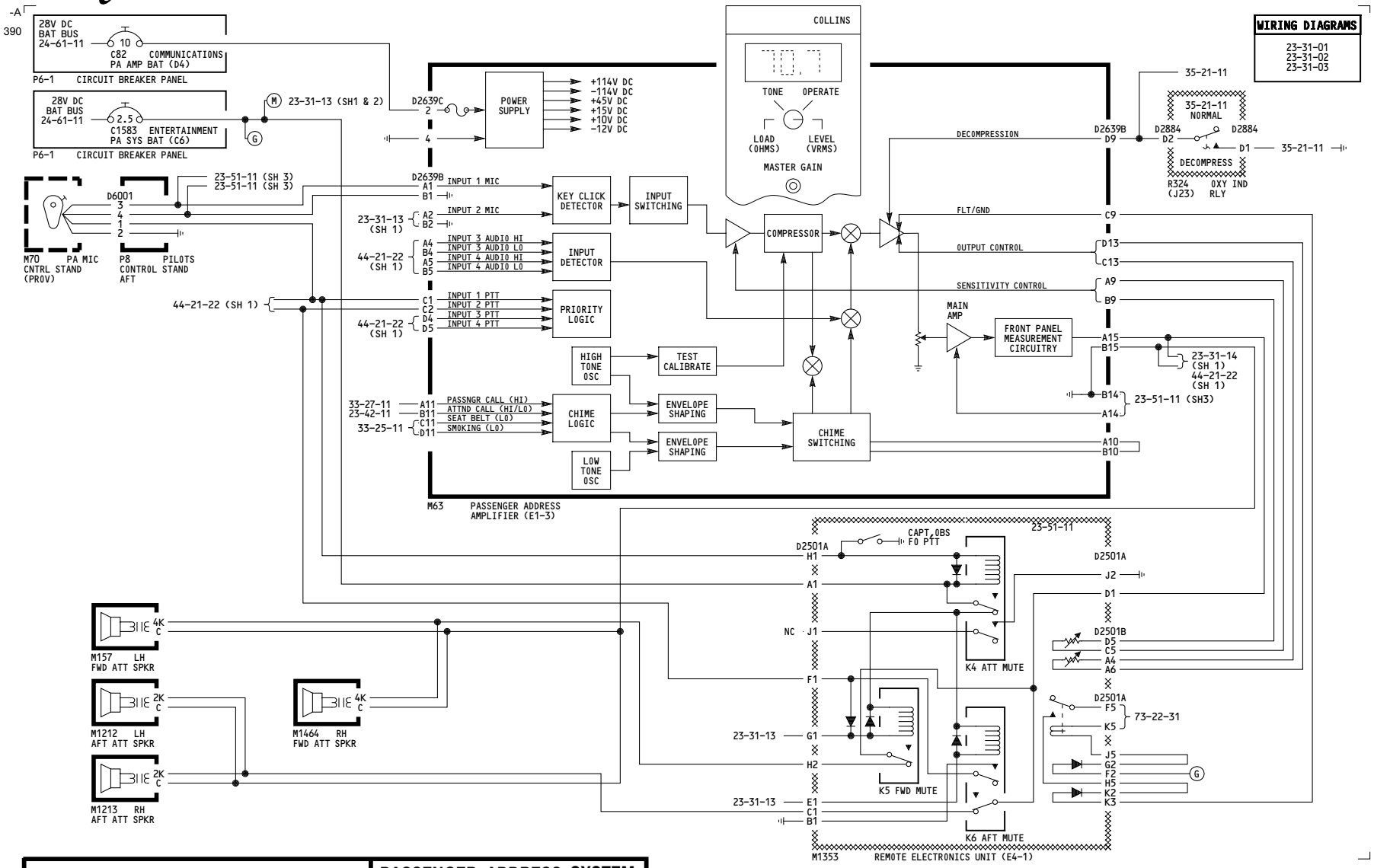
ACARS/CMU - DATA LOADER AND PROGRAM PINS

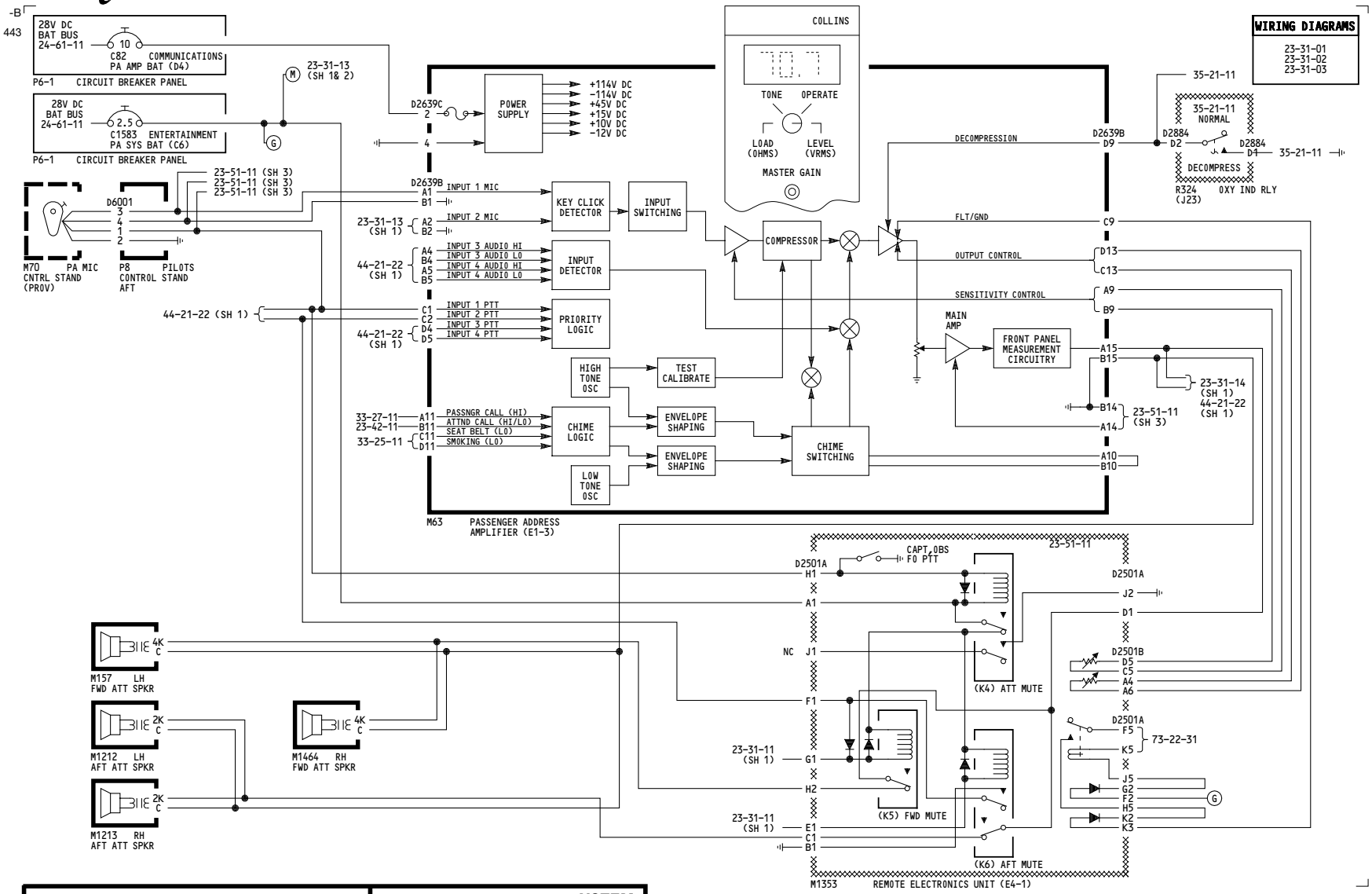
D280A451



YT101-YT118, YT126-YT133

PASSENGER ADDRESS SYSTEM

D280A451



YT119-YT120

PASSENGER ADDRESS SYSTEM

D280A451

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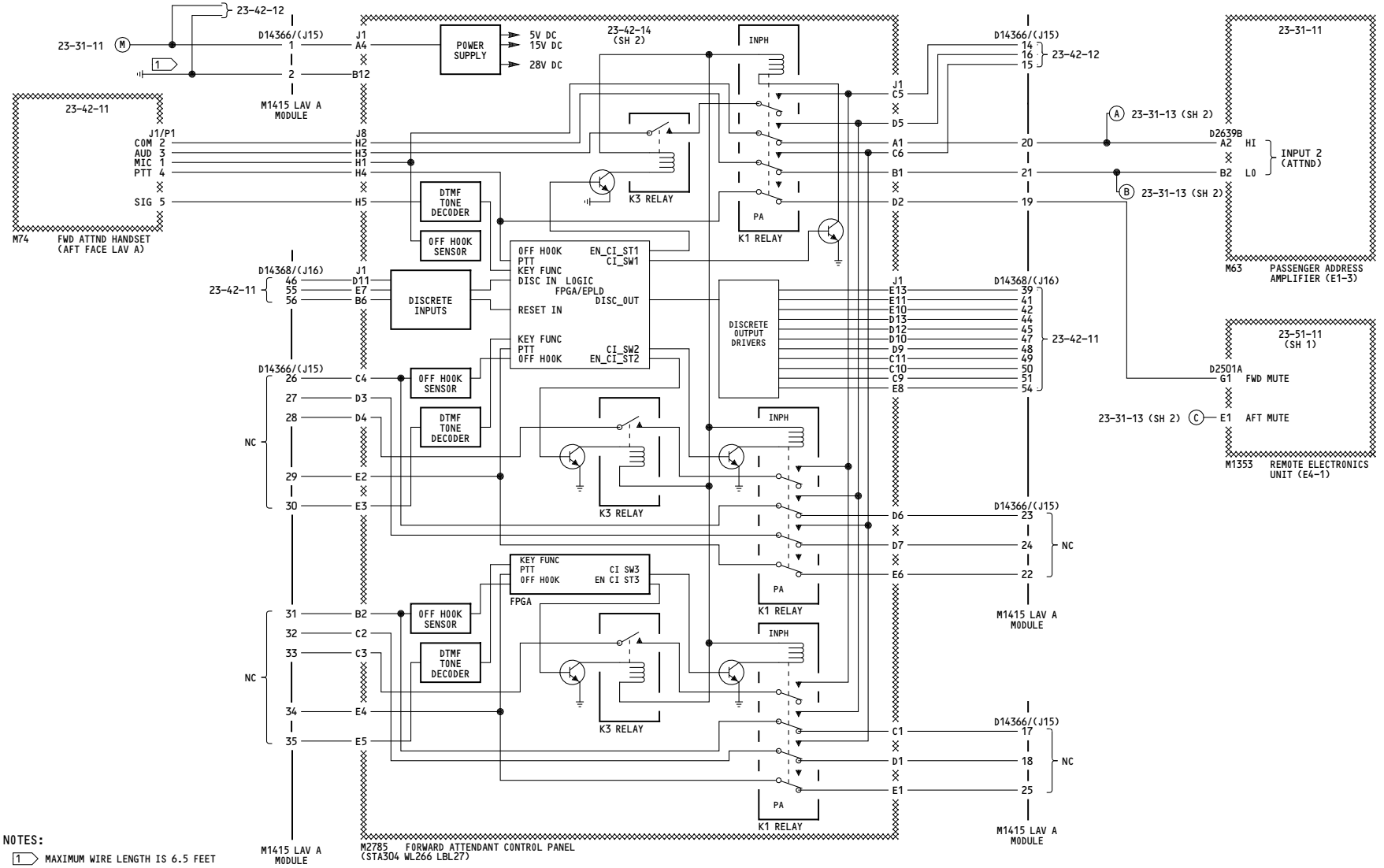
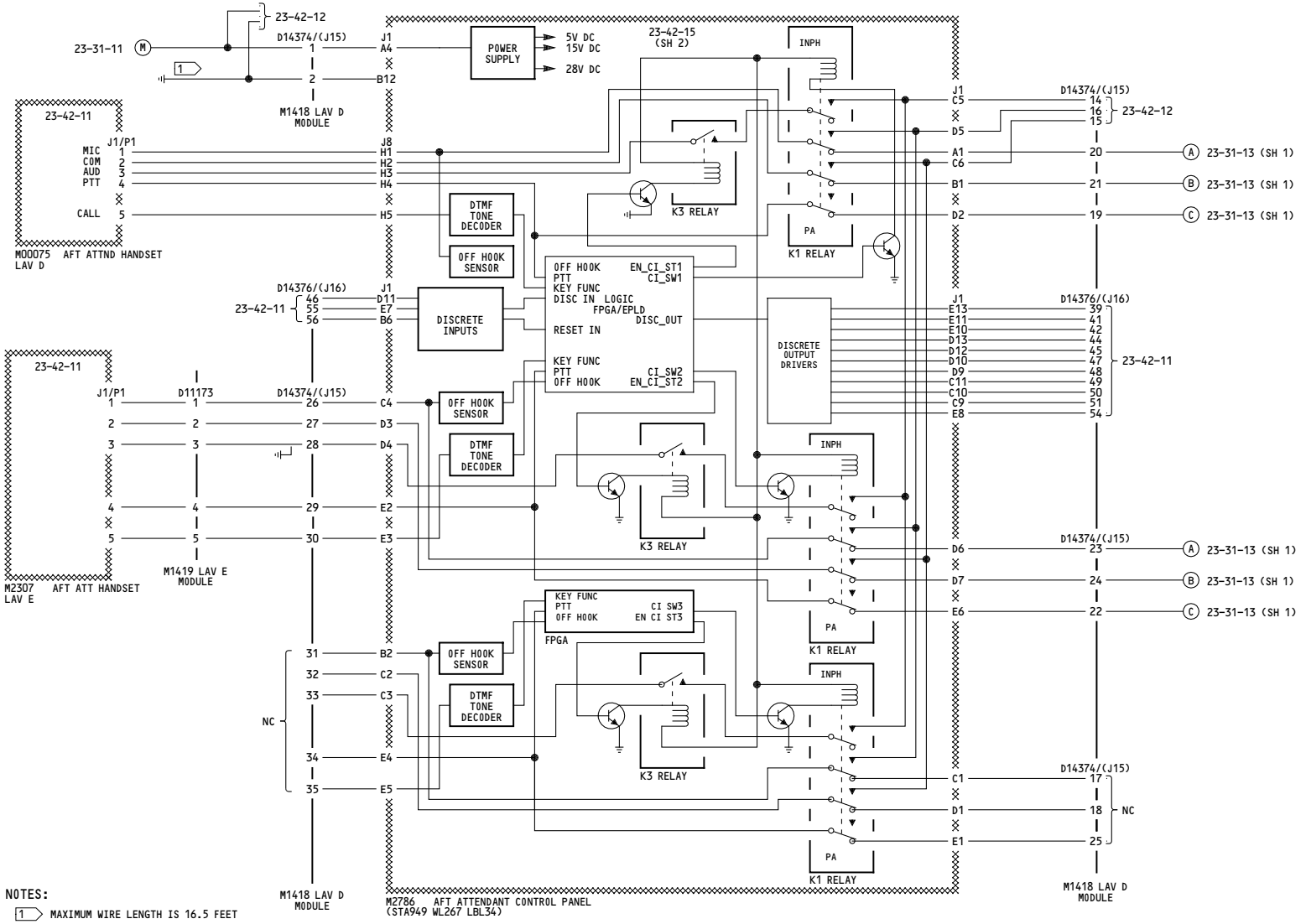


NOTES:

1 MAXIMUM WIRE LENGTH IS 6.5 FEET

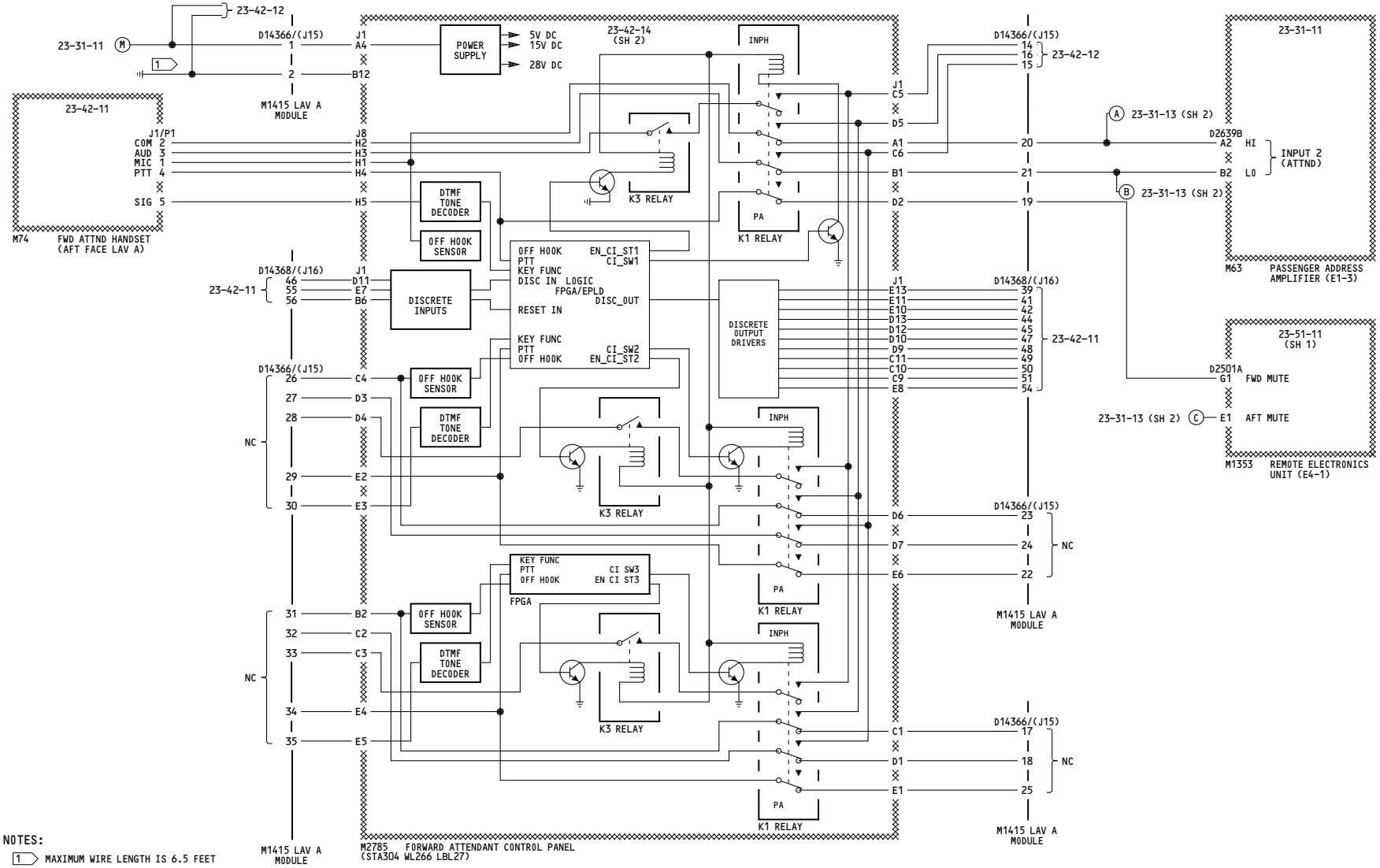
YT101-YT106	**INTEGRATED HANDSET CONTROLLER** D280A451



YT101-YT106

INTEGRATED HANDSET CONTROLLER

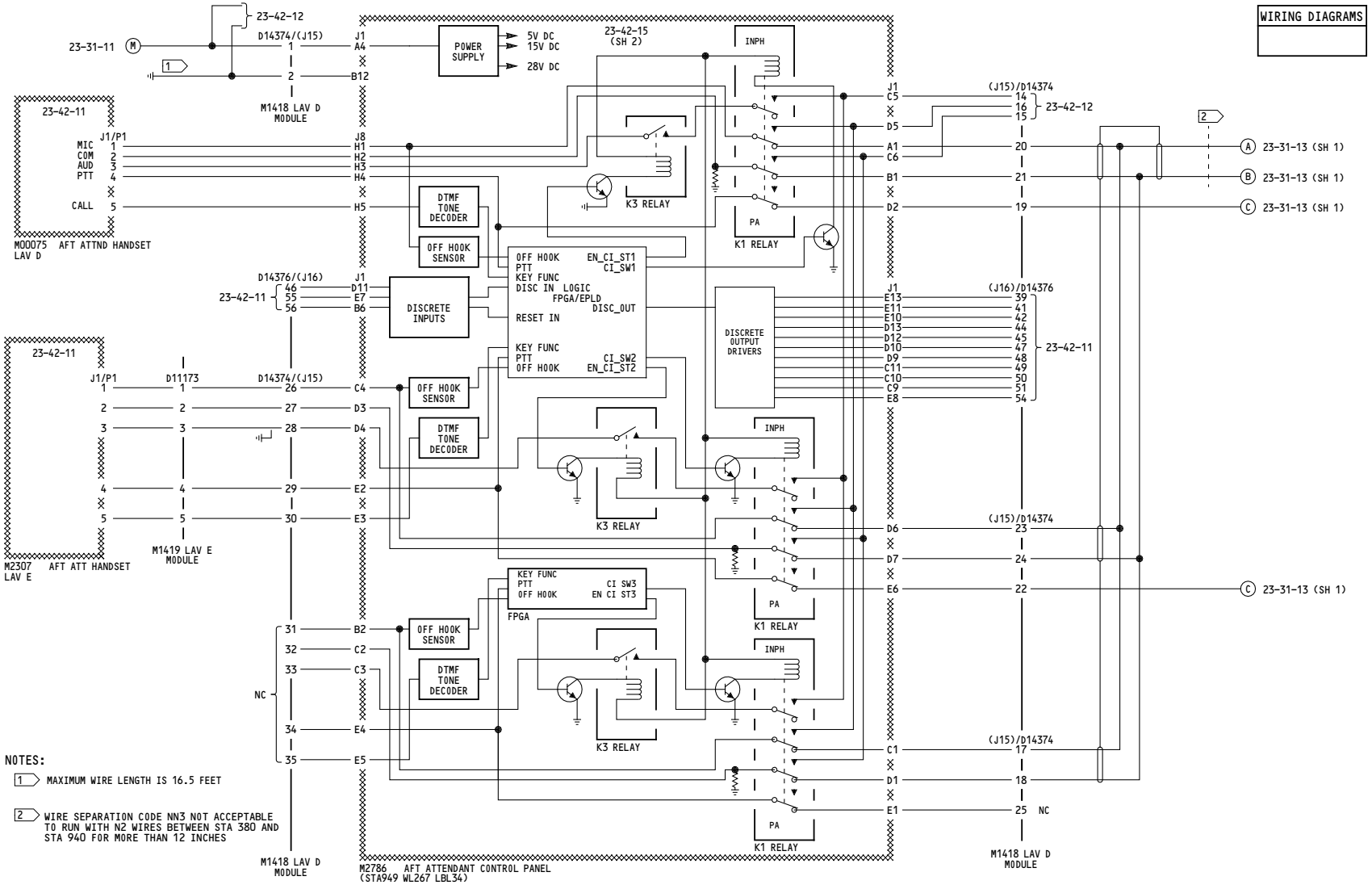
D280A451



NOTES:

1 MAXIMUM WIRE LENGTH IS 6.5 FEET

YT107-YT133	INTEGRATED HANDSET CONTROLLER	
	D280A451	



YT107-YT133

INTEGRATED HANDSET CONTROLLER

D280A451

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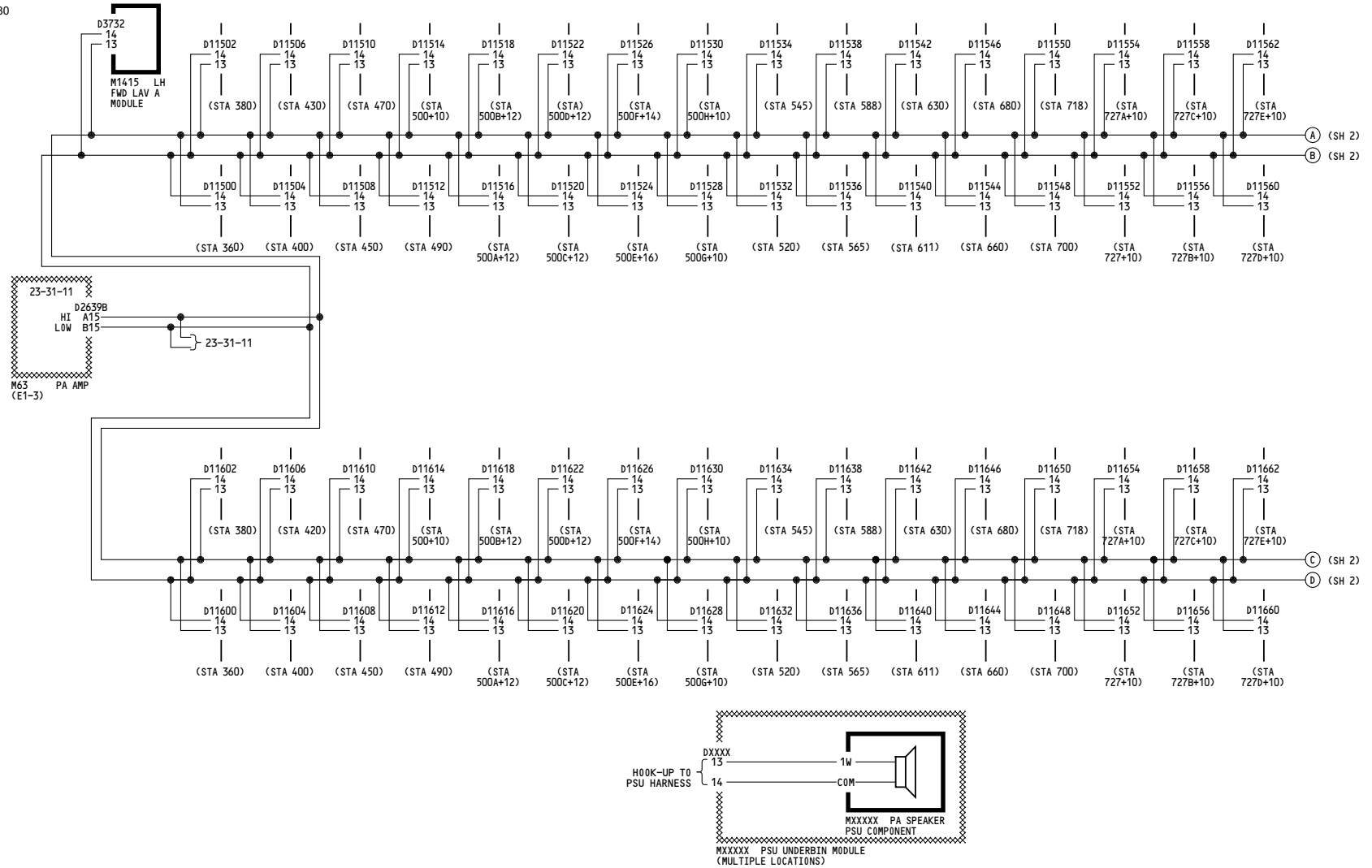
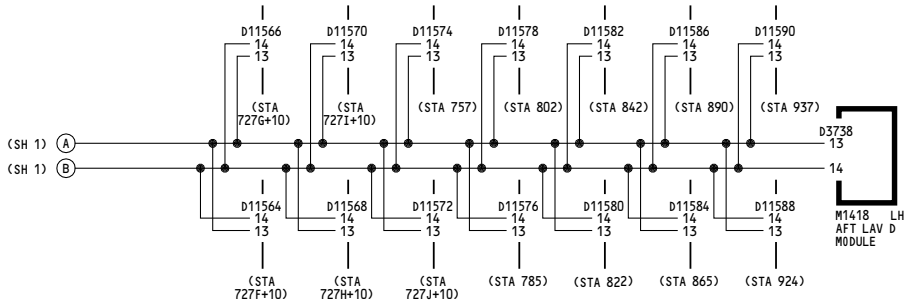
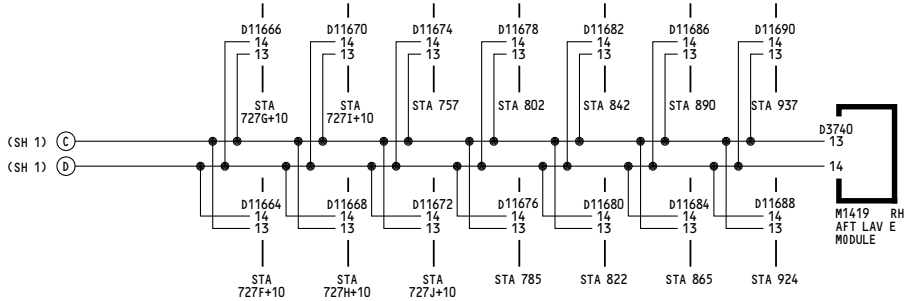
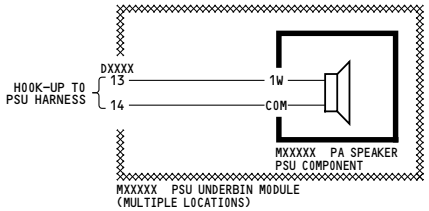
130



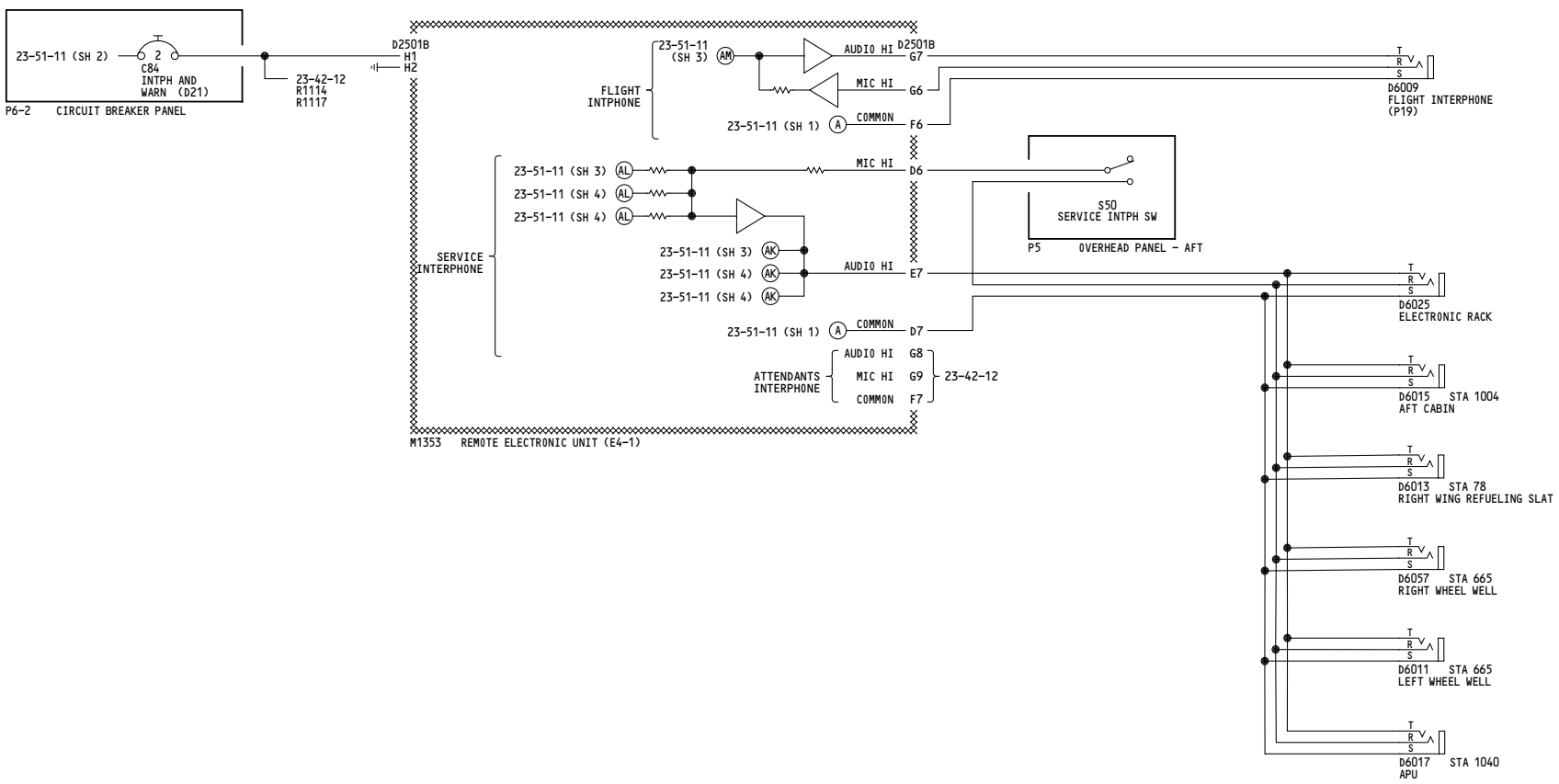
ALL	**PASSENGER ADDRESS SYSTEM SPEAKERS** D280A451

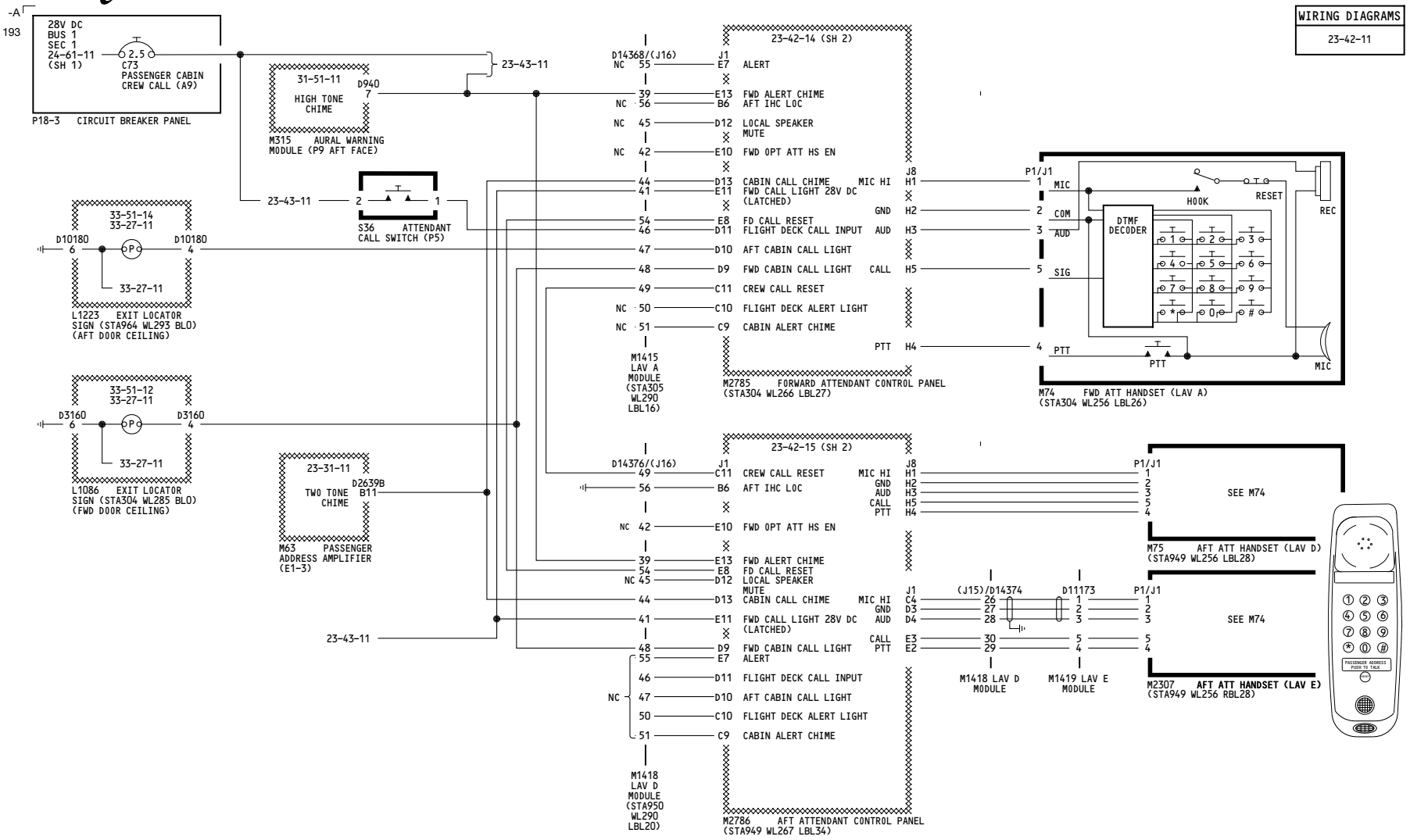




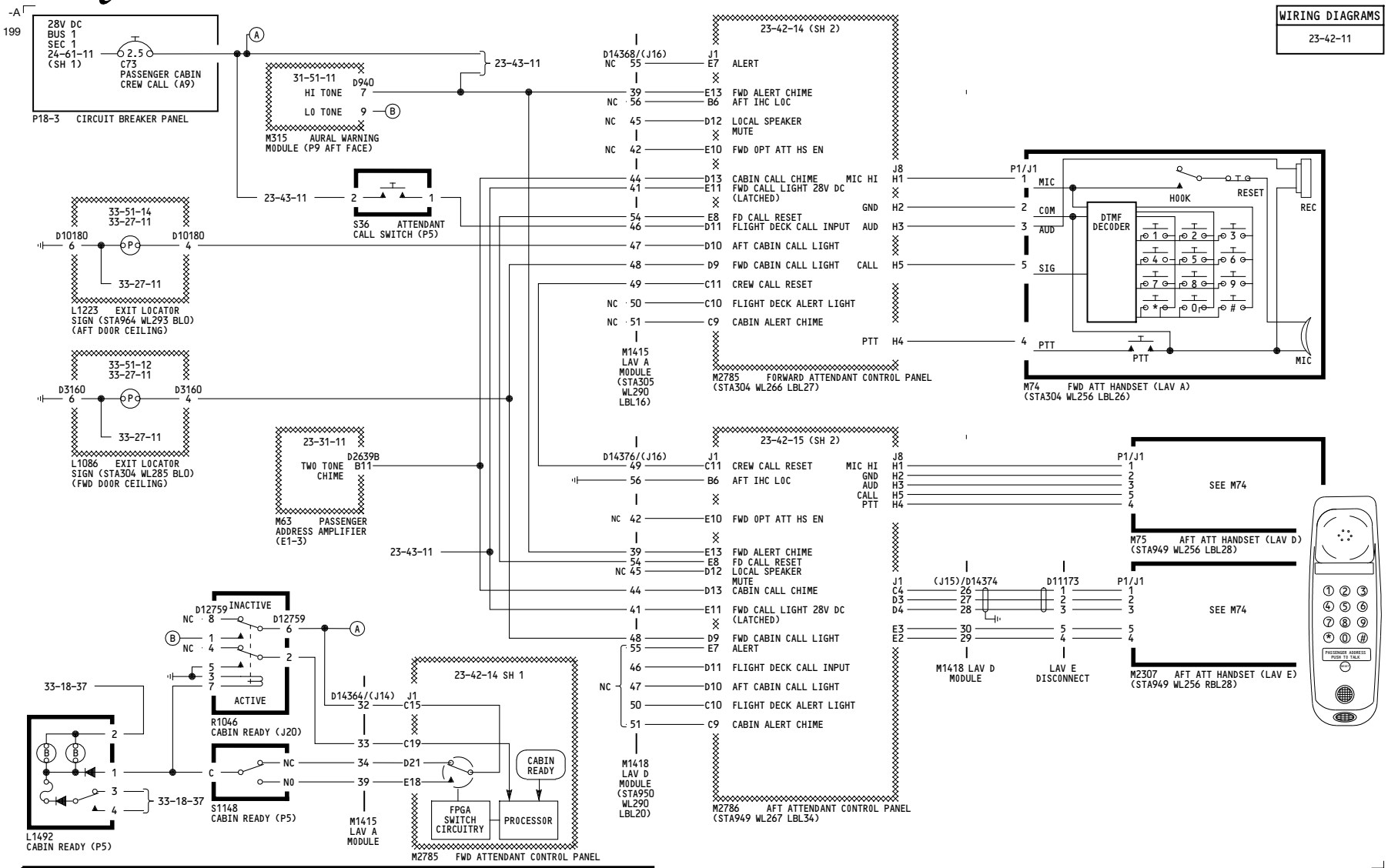


ALL	PASSENGER ADDRESS SYSTEM SPEAKERS
	D280A451





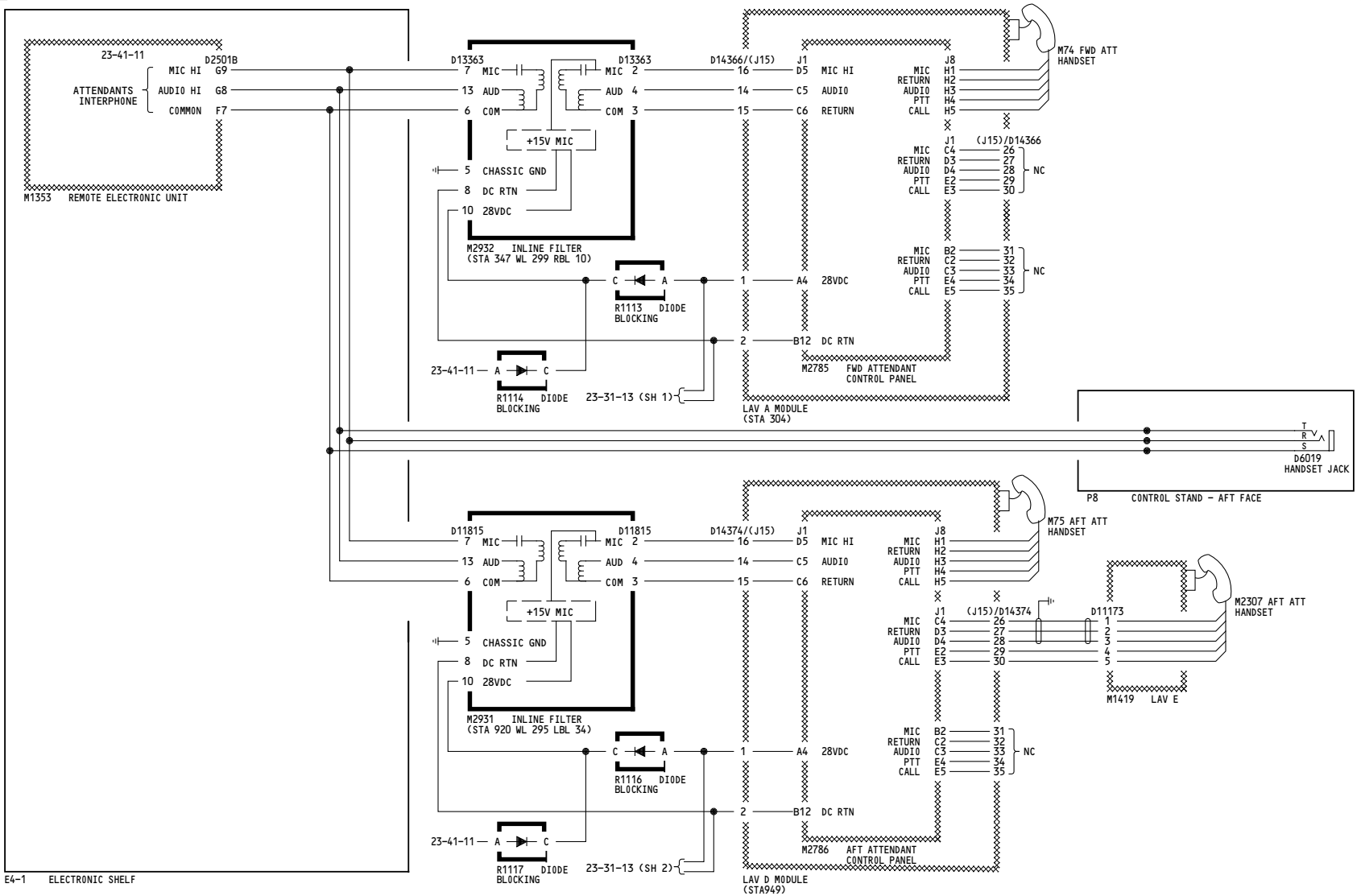
YT101-YT105, YT126-YT133	**FLIGHT AND GROUND CREW CALL**
	D280A451



YT106-YT120

FLIGHT AND GROUND CREW CALL

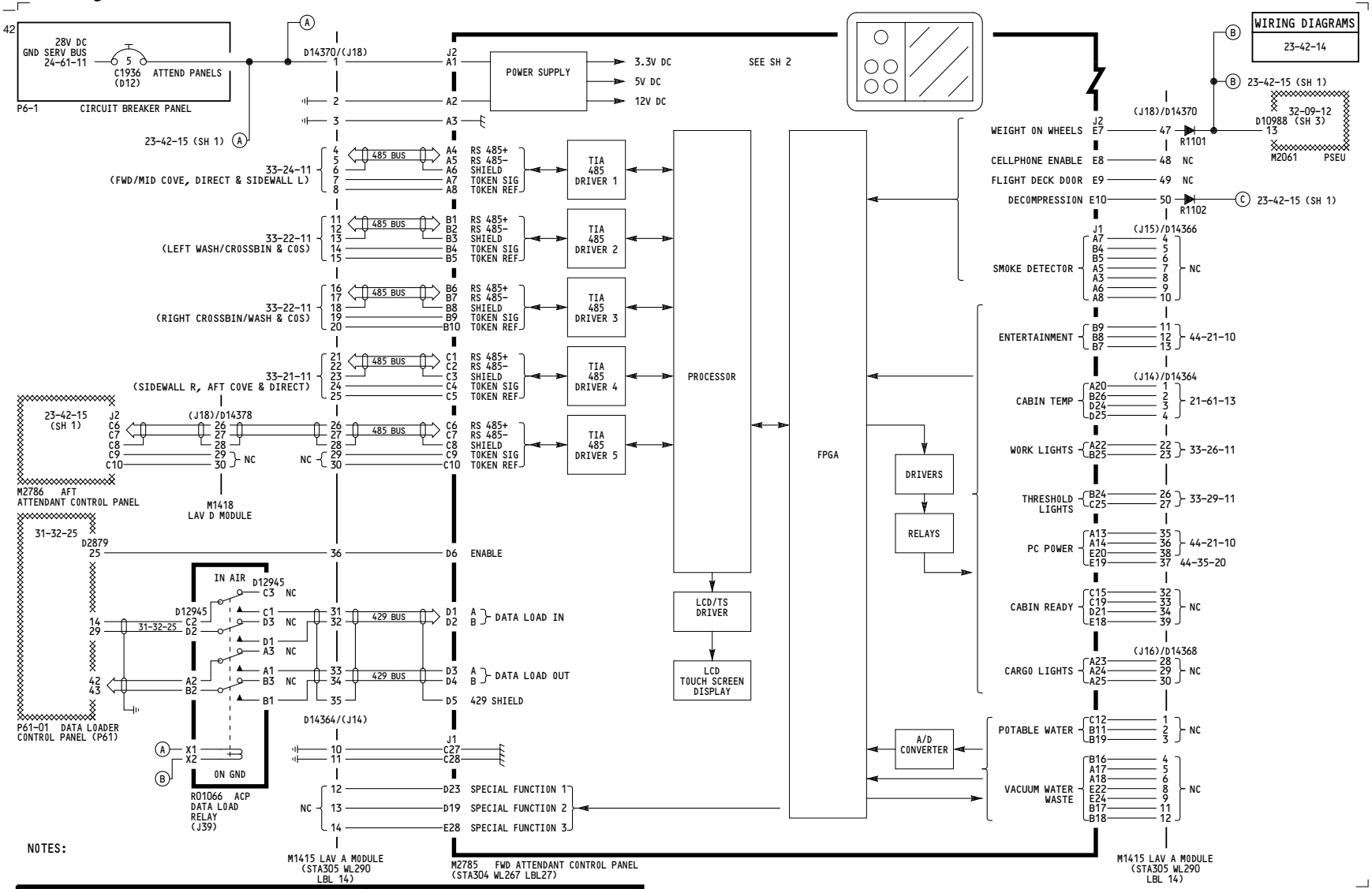
D280A451



ALL

CABIN INTERPHONE - BASELINE HANDSETS

D280A451



NOTES:

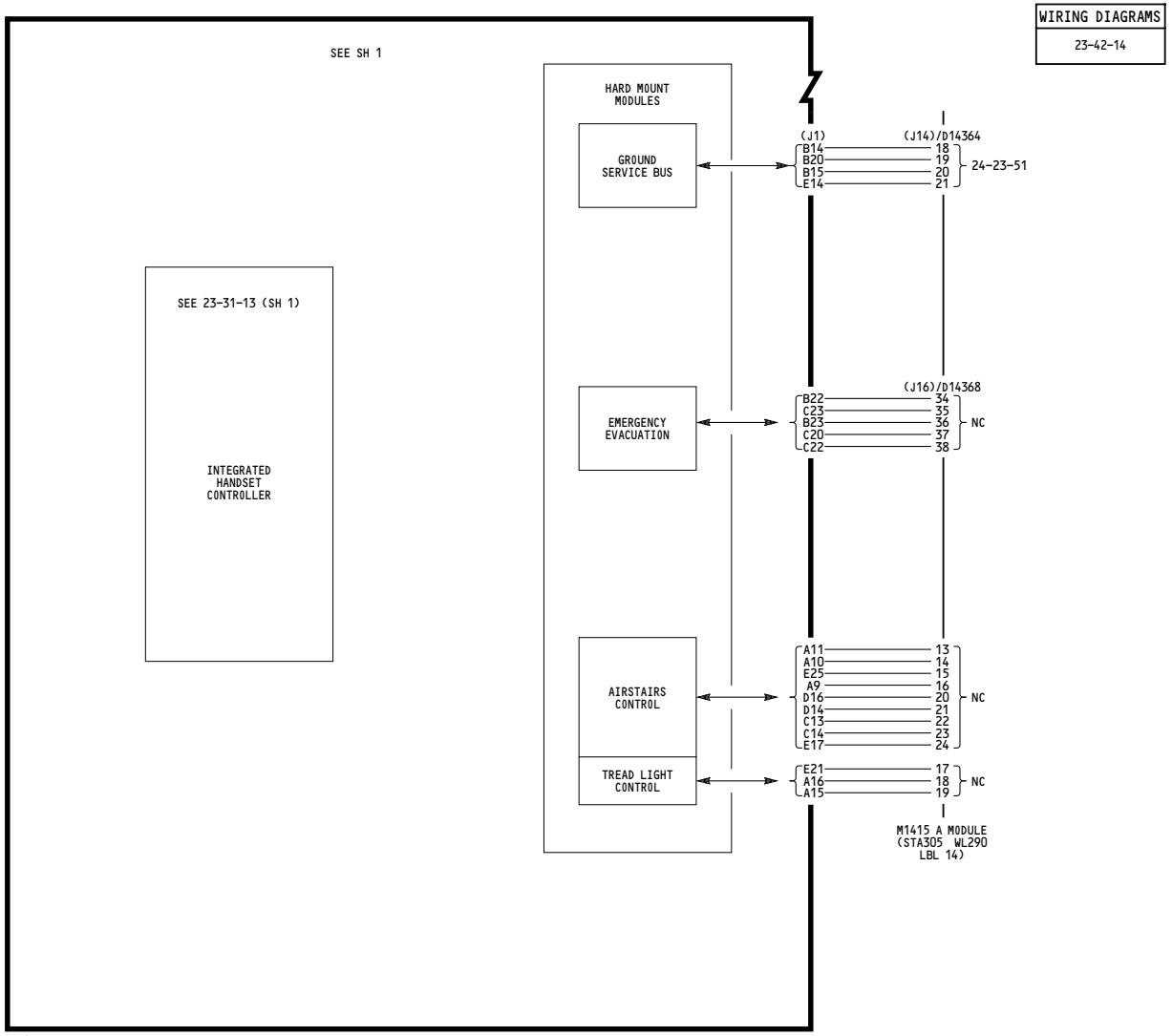
YT101-YT105

FORWARD ATTENDANT CONTROL PANEL

D280A451

-E
1

WIRING DIAGRAMS
23-42-14

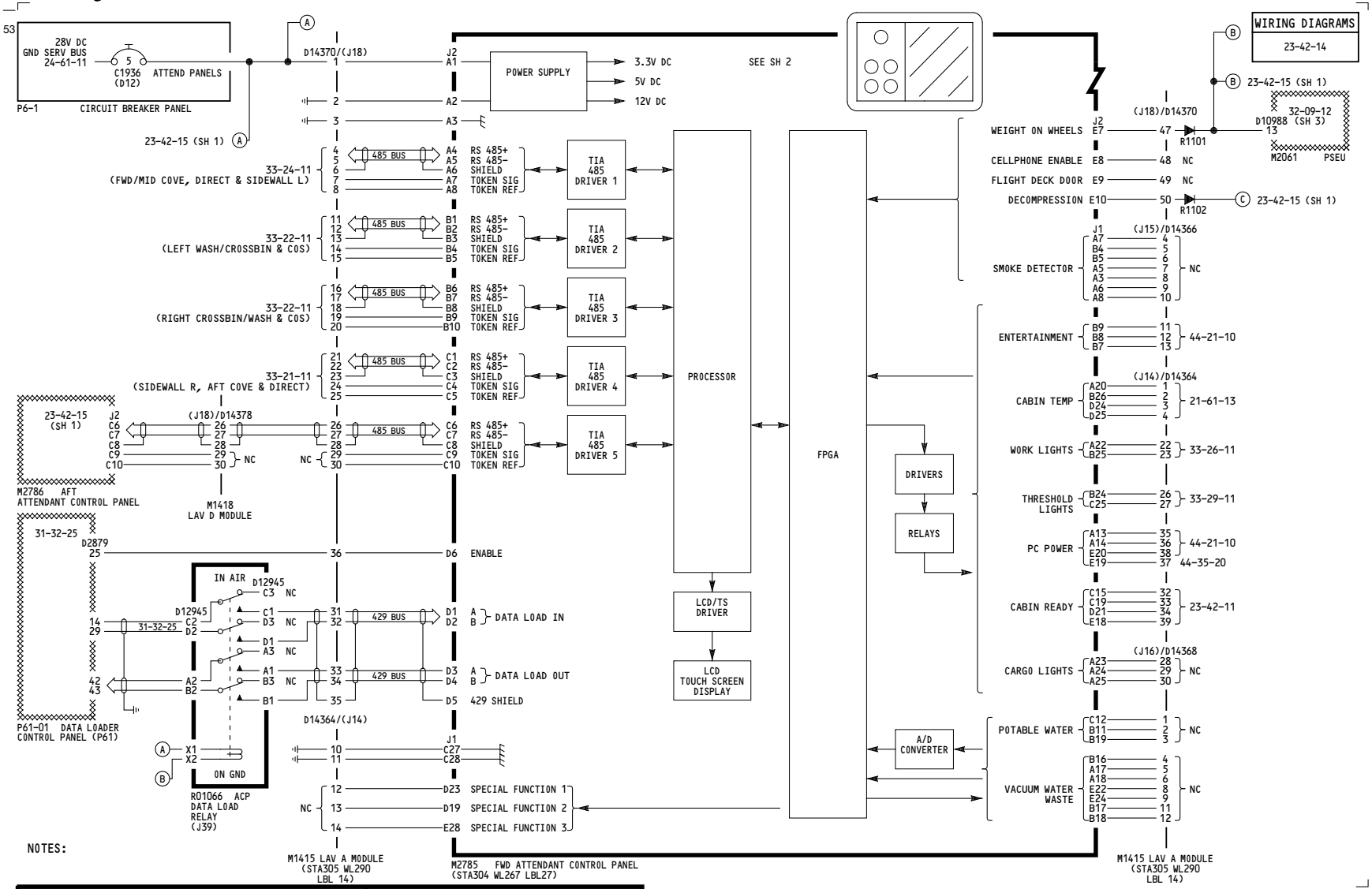


M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

YT101-YT105

FORWARD ATTENDANT CONTROL PANEL

D280A451



NOTES:

YT106-YT118

FORWARD ATTENDANT CONTROL PANEL

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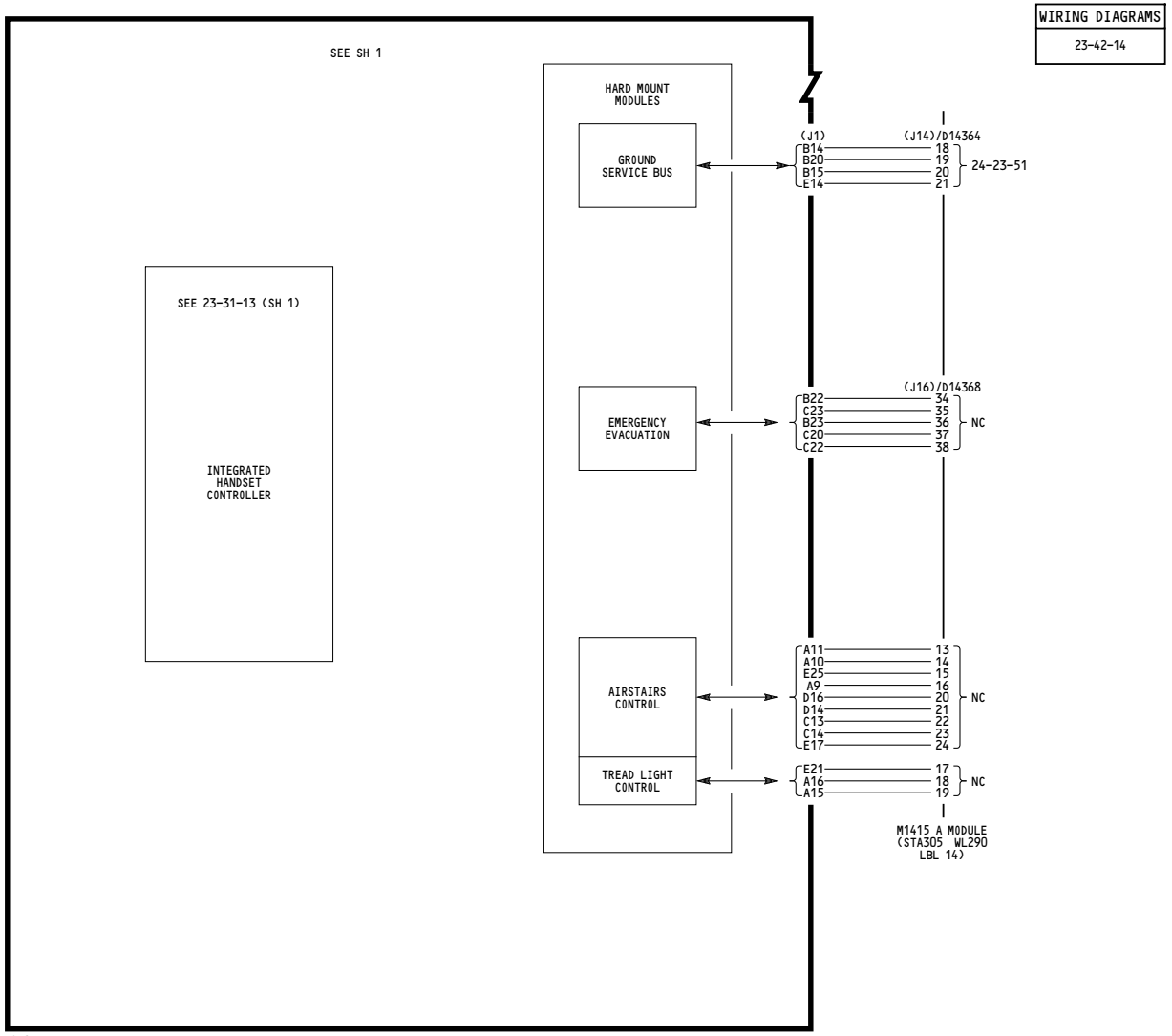
1

WIRING DIAGRAMS
23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

YT106-YT118

FORWARD ATTENDANT CONTROL PANEL

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Sheet 2
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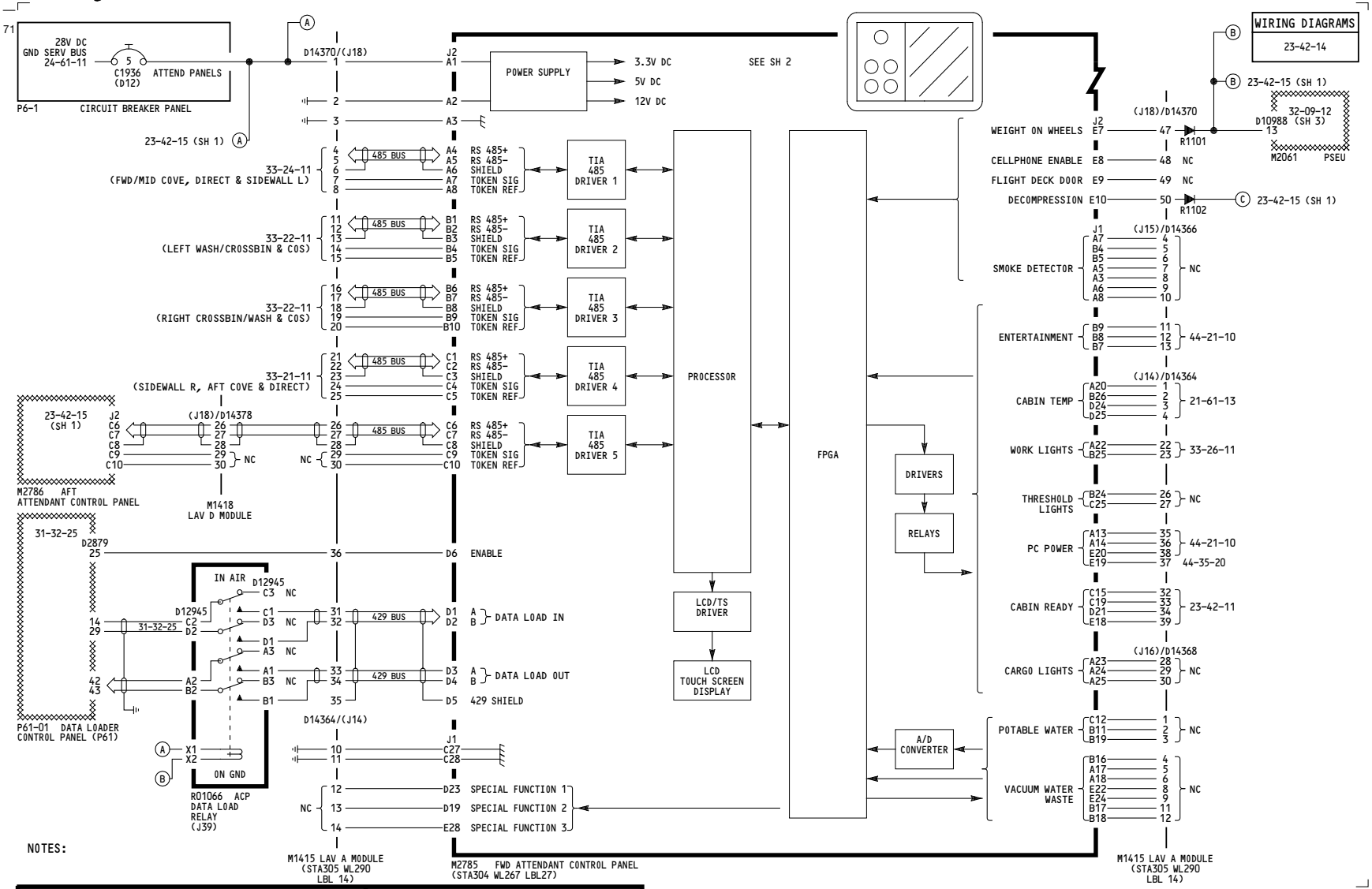

NOTES:

YT119-YT120

FORWARD ATTENDANT CONTROL PANEL

D280A451

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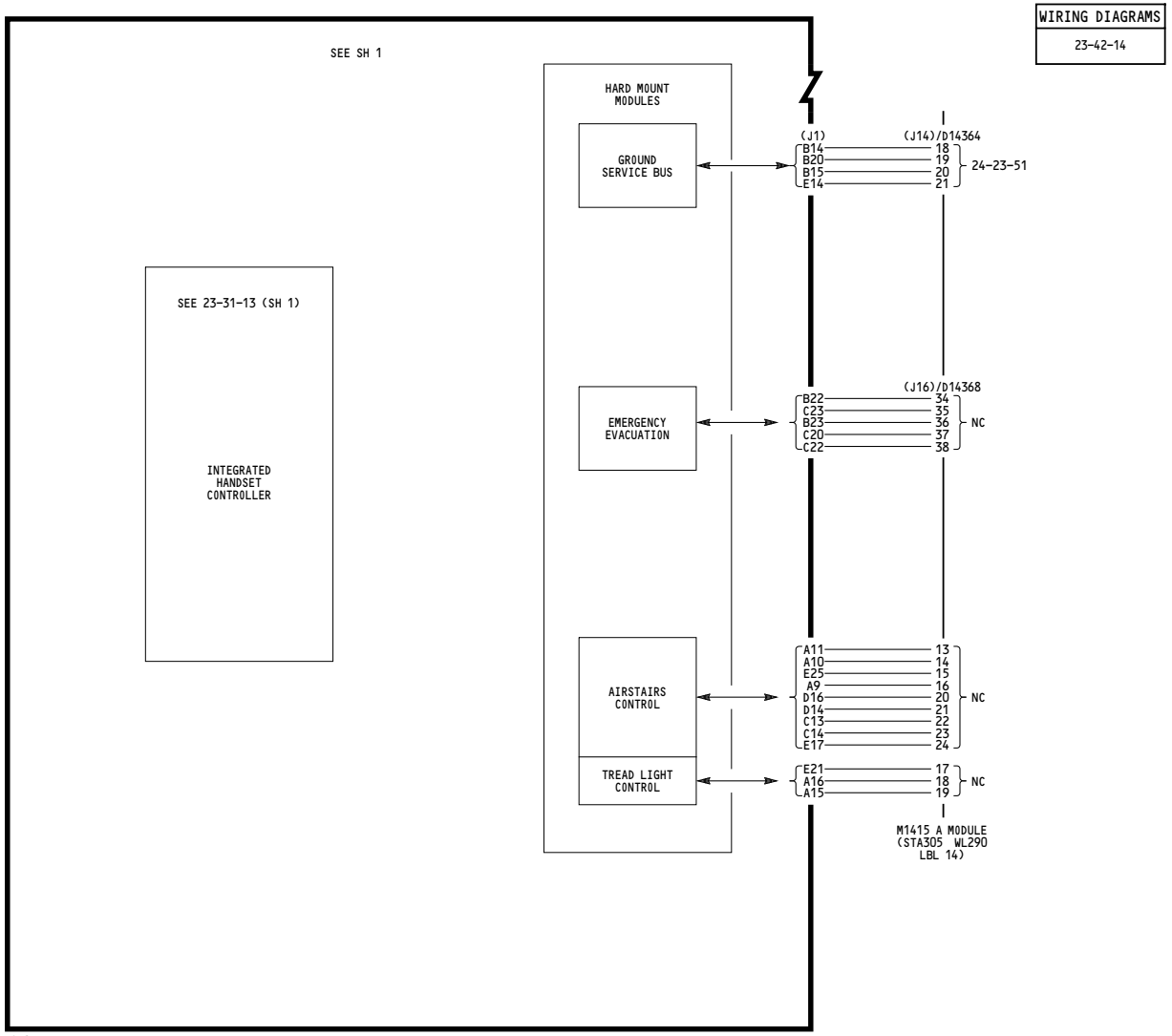
1

WIRING DIAGRAMS
23-42-14

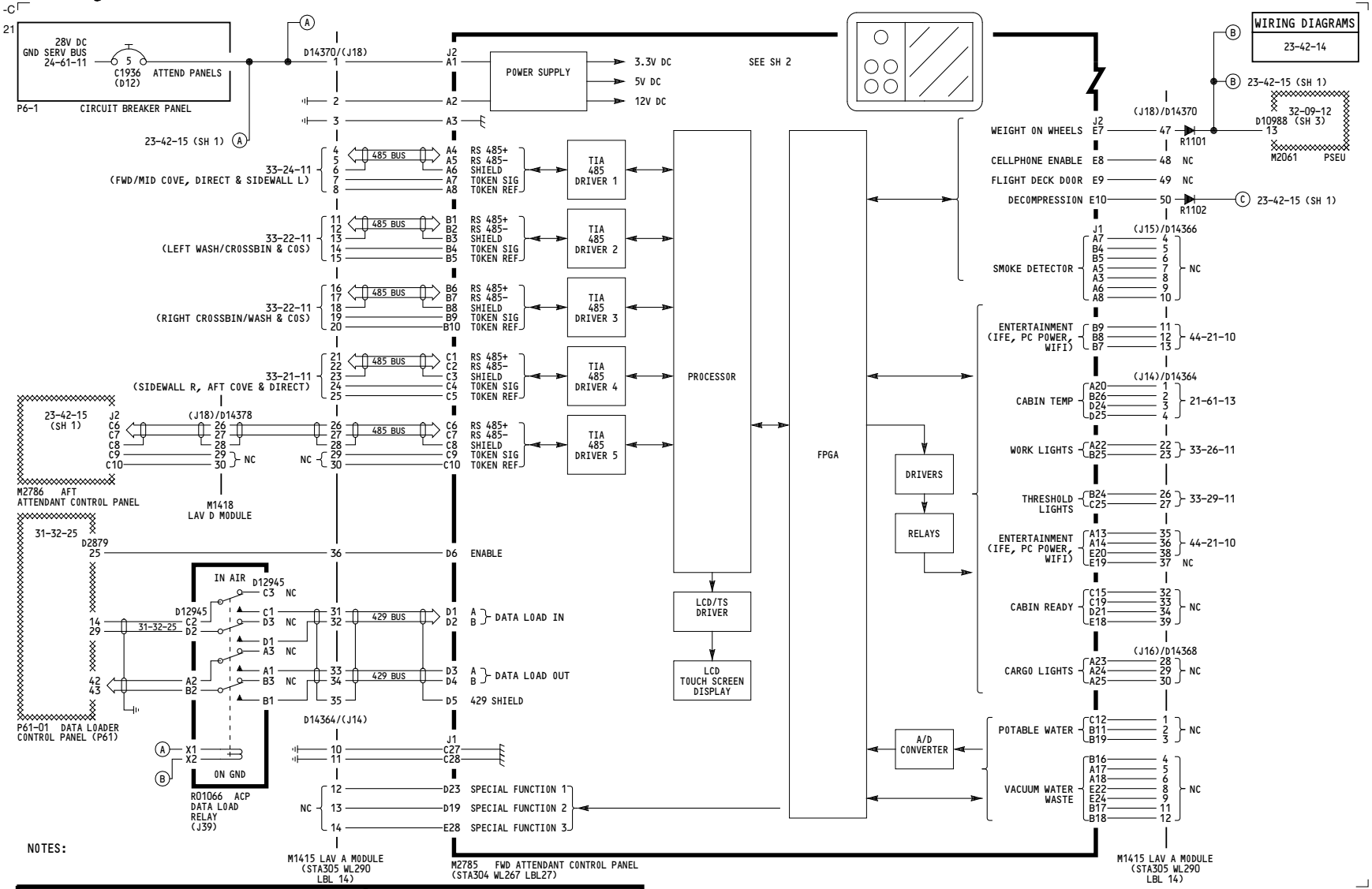


M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

YT119-YT120

FORWARD ATTENDANT CONTROL PANEL

D280A451



NOTES:

YT126-YT131

FORWARD ATTENDANT CONTROL PANEL

D280A451

23-42-14

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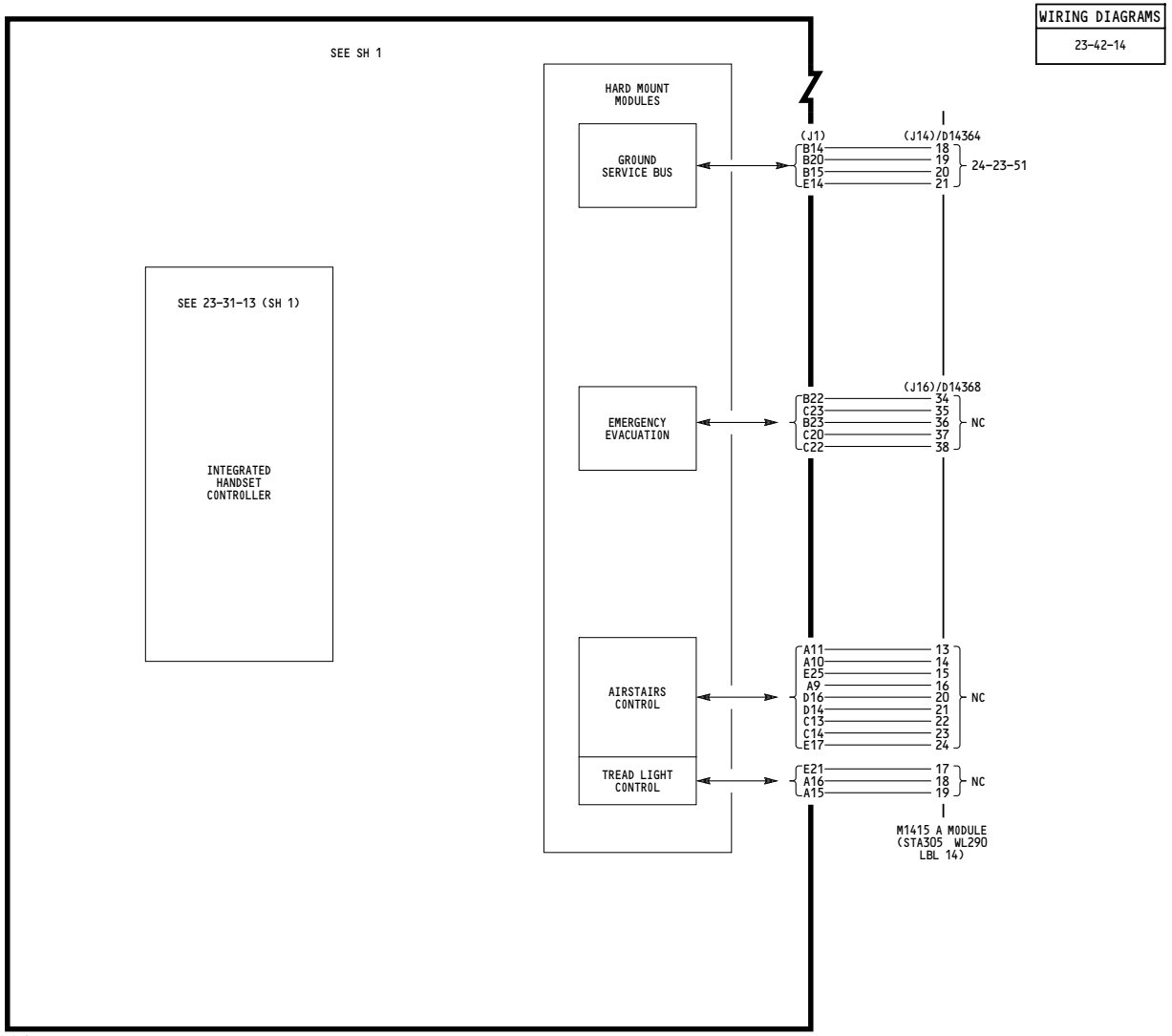
1

WIRING DIAGRAMS
23-42-14



M2785 FWD ATTENDANT CONTROL PANEL
(STA304 WL267 LBL27)

YT126-YT131

FORWARD ATTENDANT CONTROL PANEL

D280A451

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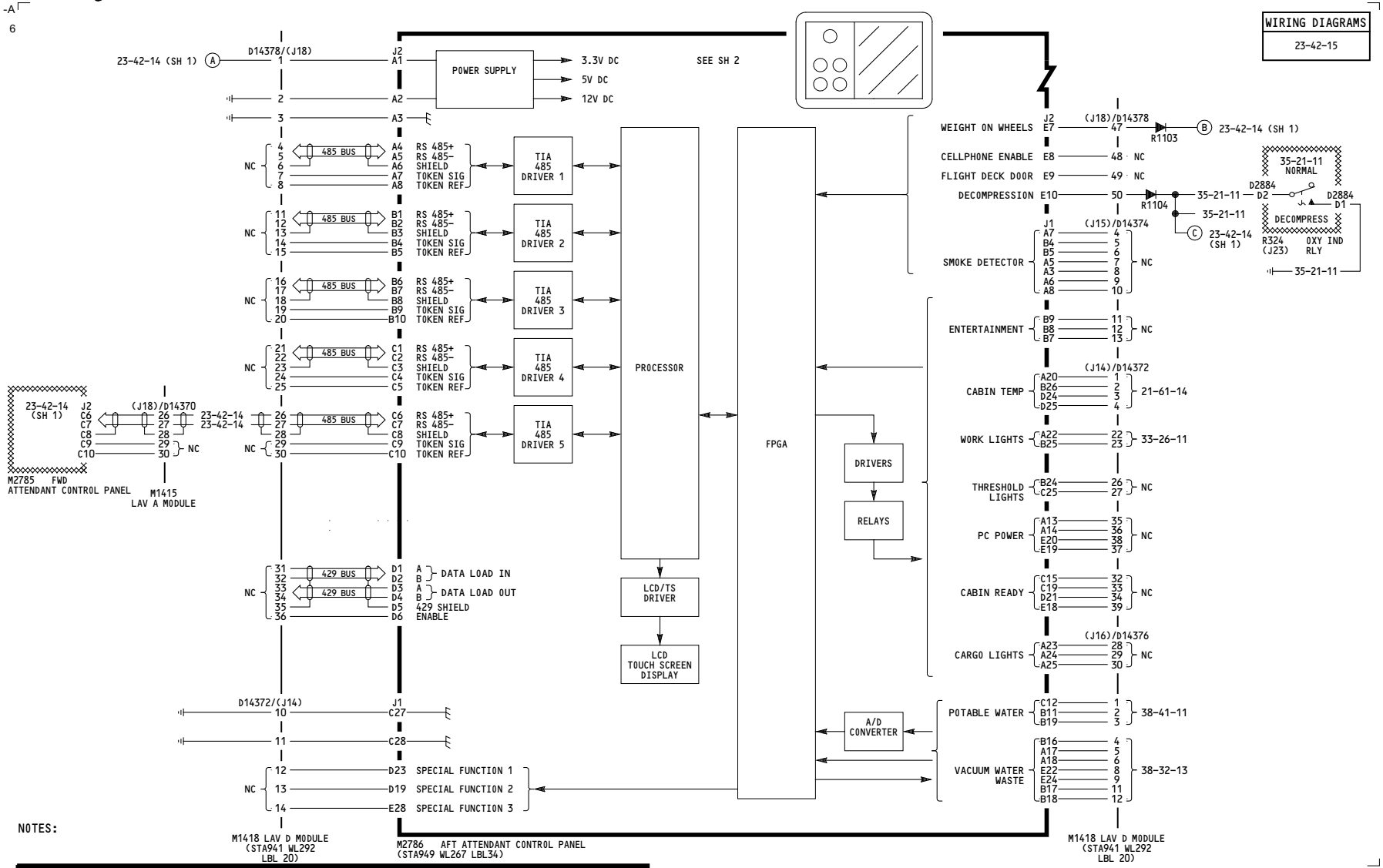
6

WIRING DIAGRAMS
23-42-15

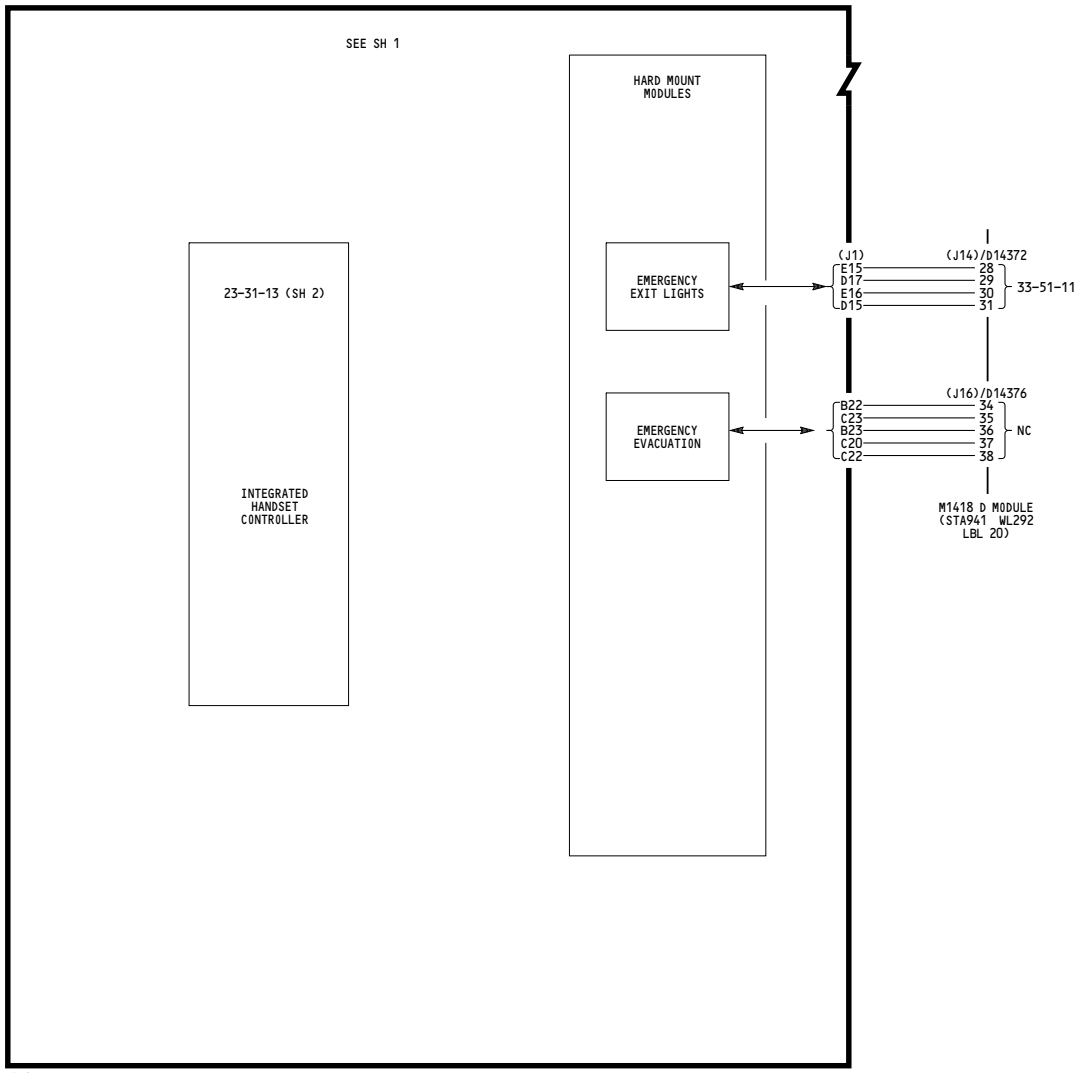


NOTES:

ALL	AFT ATTENDANT CONTROL PANEL
	D280A451

-E
1

WIRING DIAGRAMS
23-42-15



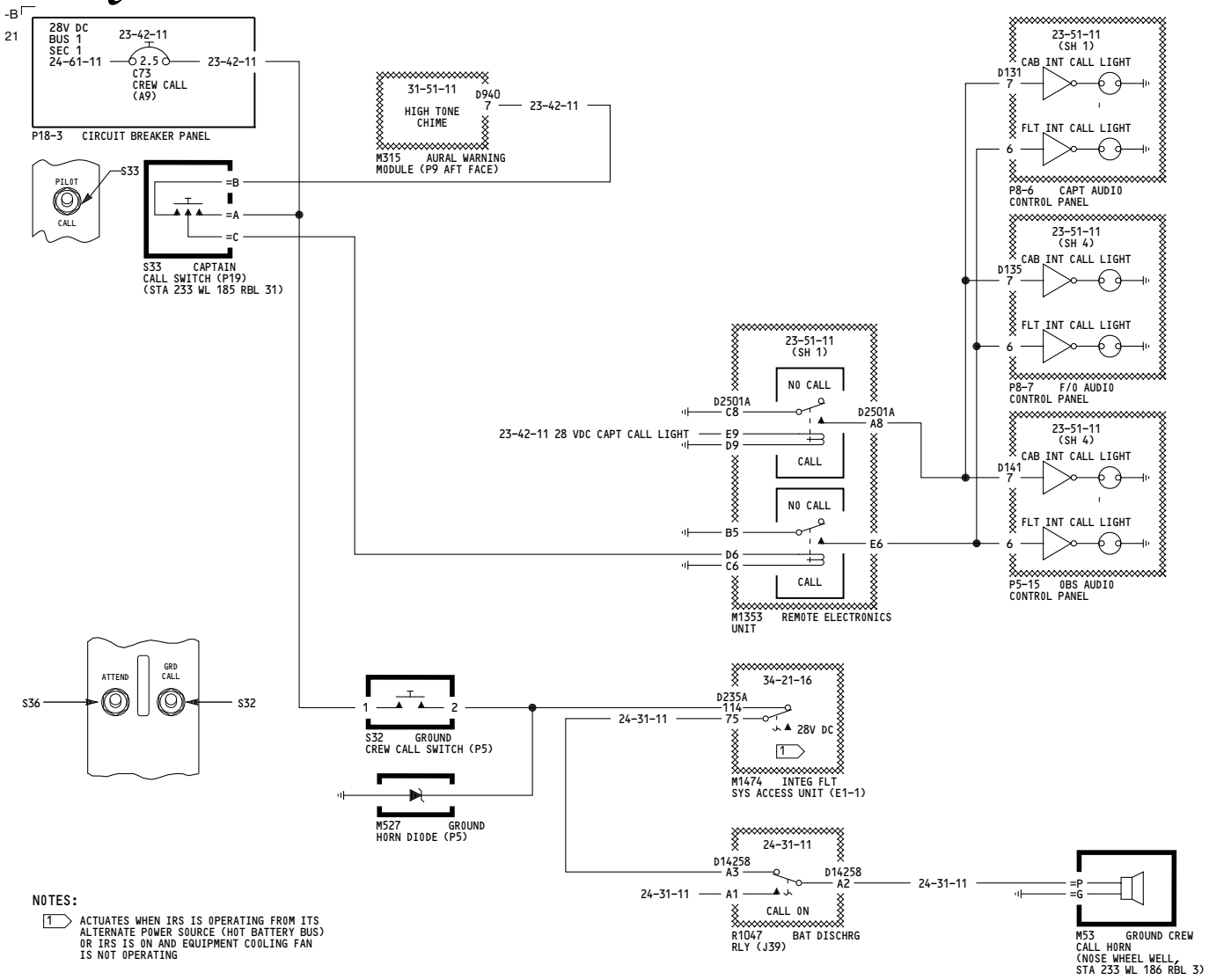
M2786 AFT ATTENDANT CONTROL PANEL
(STA949 WL267 LBL34)

ALL

AFT ATTENDANT CONTROL PANEL

D280A451

WIRING DIAGRAMS
23-42-11
23-43-11



NOTES:

1 ACTUATES WHEN IRS IS OPERATING FROM ITS ALTERNATE POWER SOURCE (HOT BATTERY BUS) OR IRS IS ON AND EQUIPMENT COOLING FAN IS NOT OPERATING

ALL	GROUND CREW CALL
	D280A451

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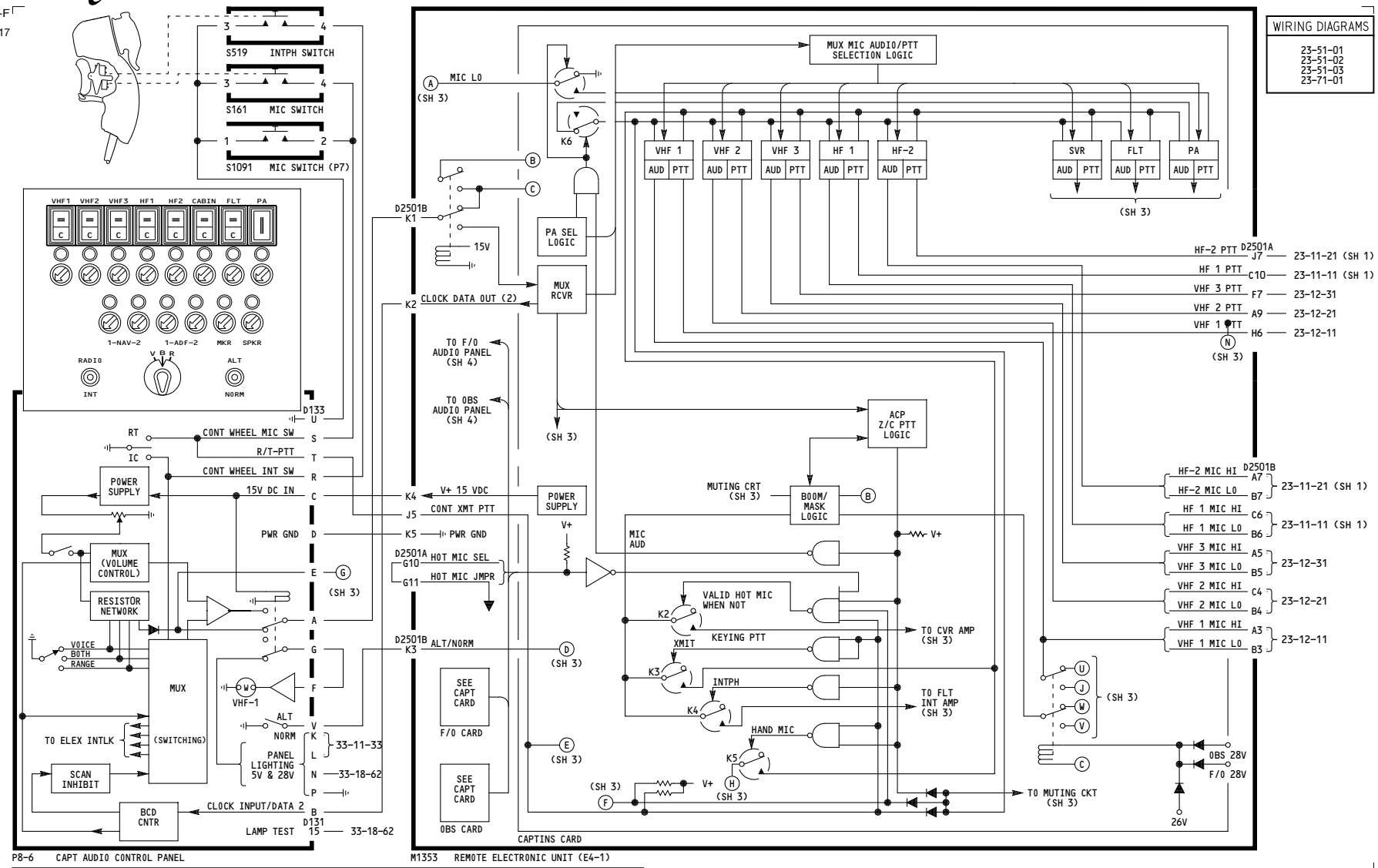

YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

D280A451

23-51-11

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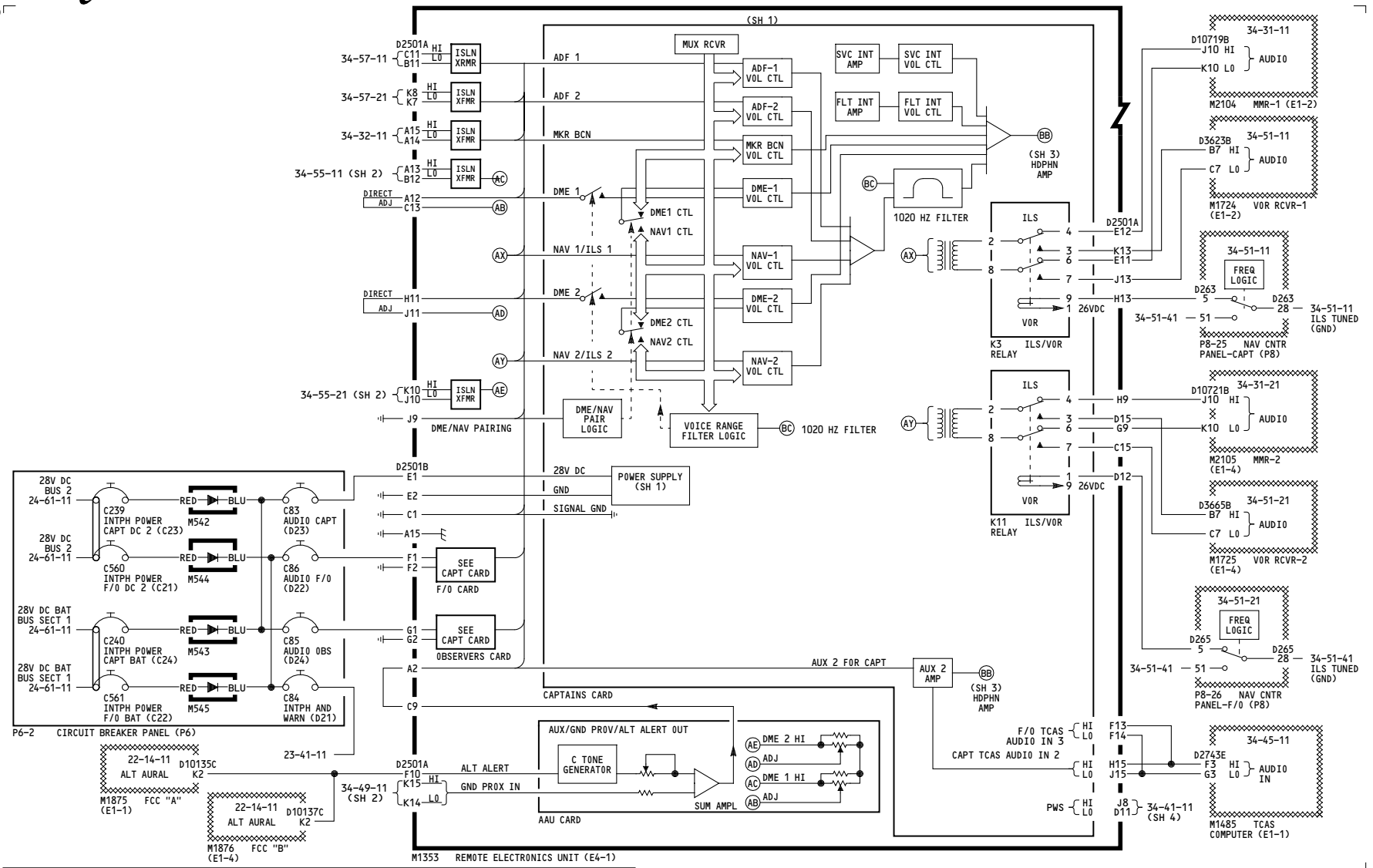
Sheet 1
Aug 31/2015



YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

D280A451

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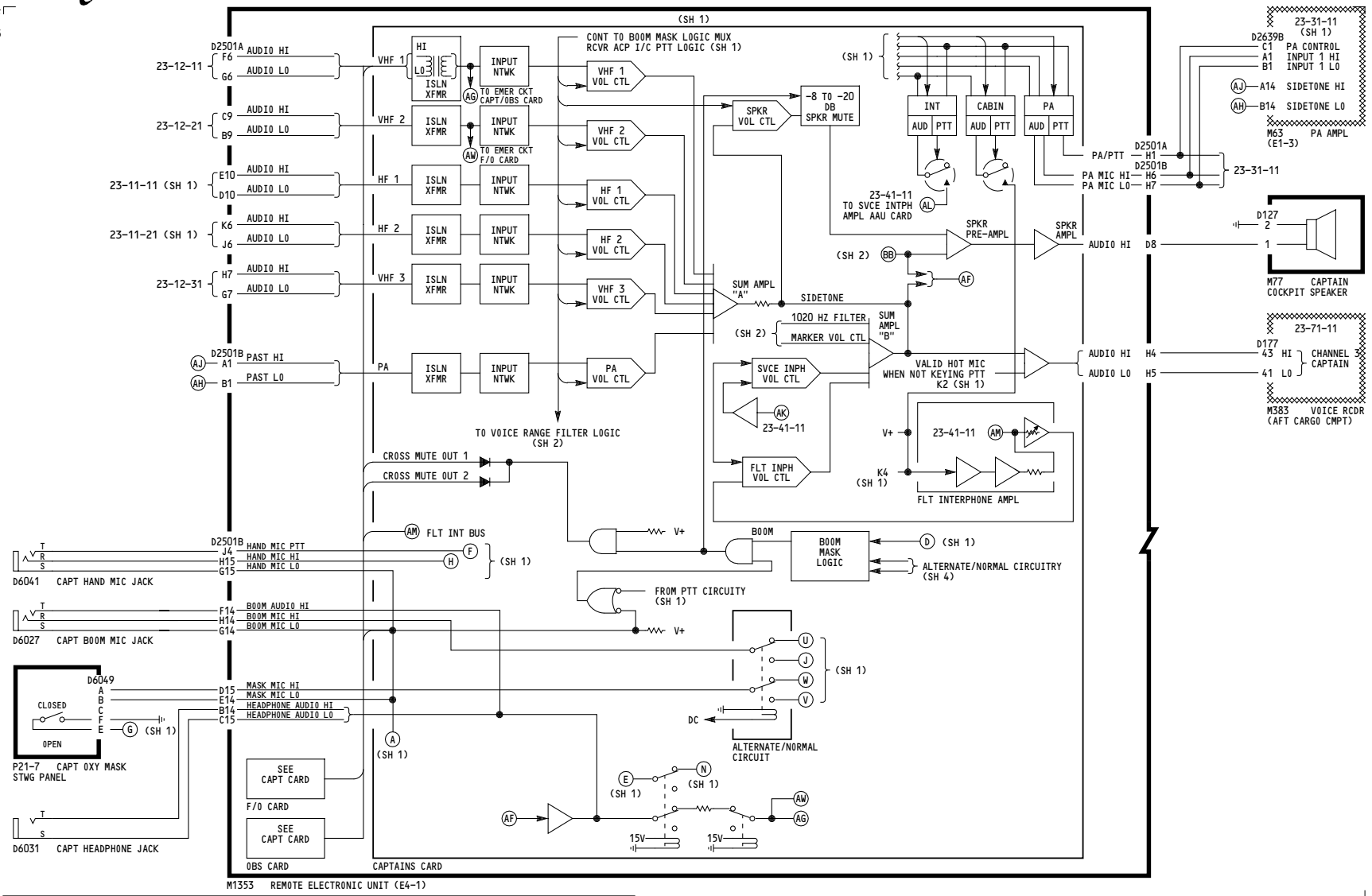
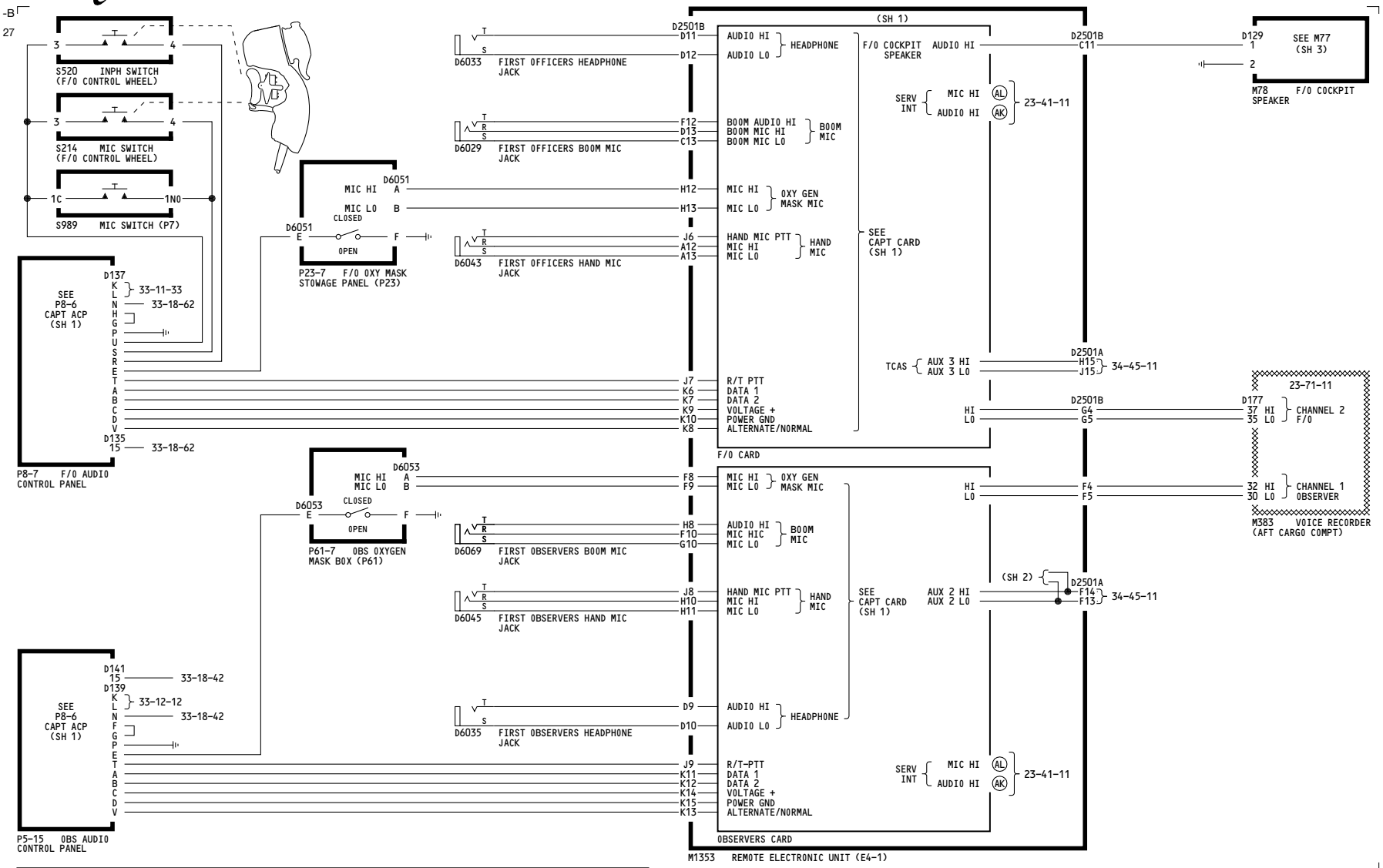
Sheet 2
Aug 31/2015



YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

D280A451



YT101-YT112, YT126-YT131

FLIGHT INTERPHONE

D280A451

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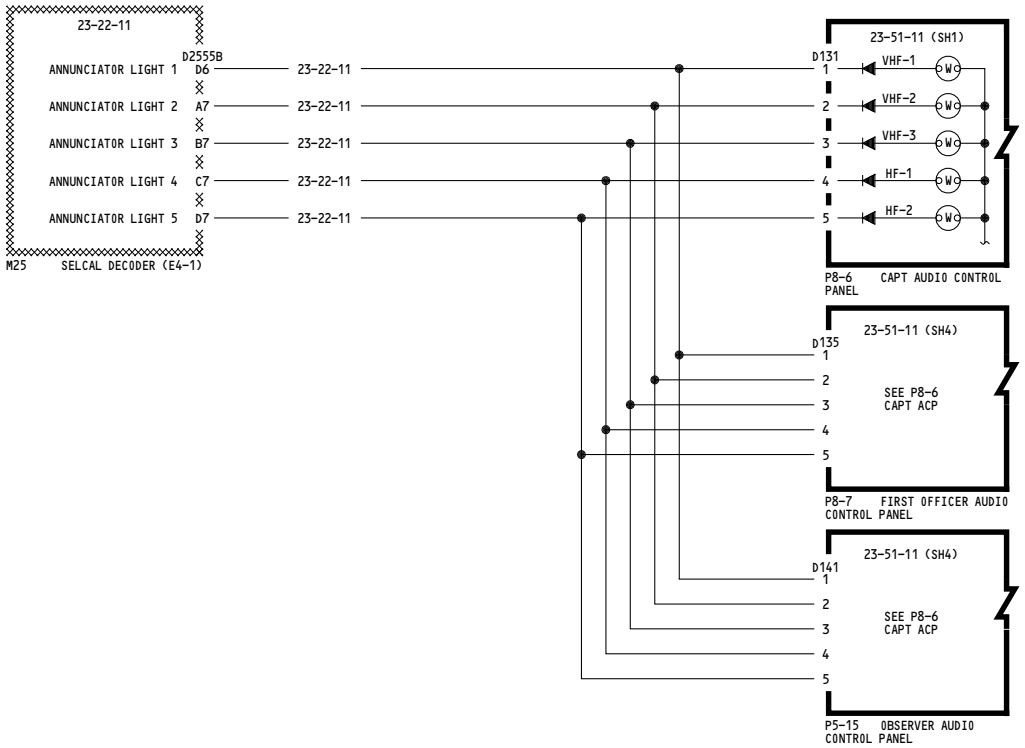
Aug 31/2015



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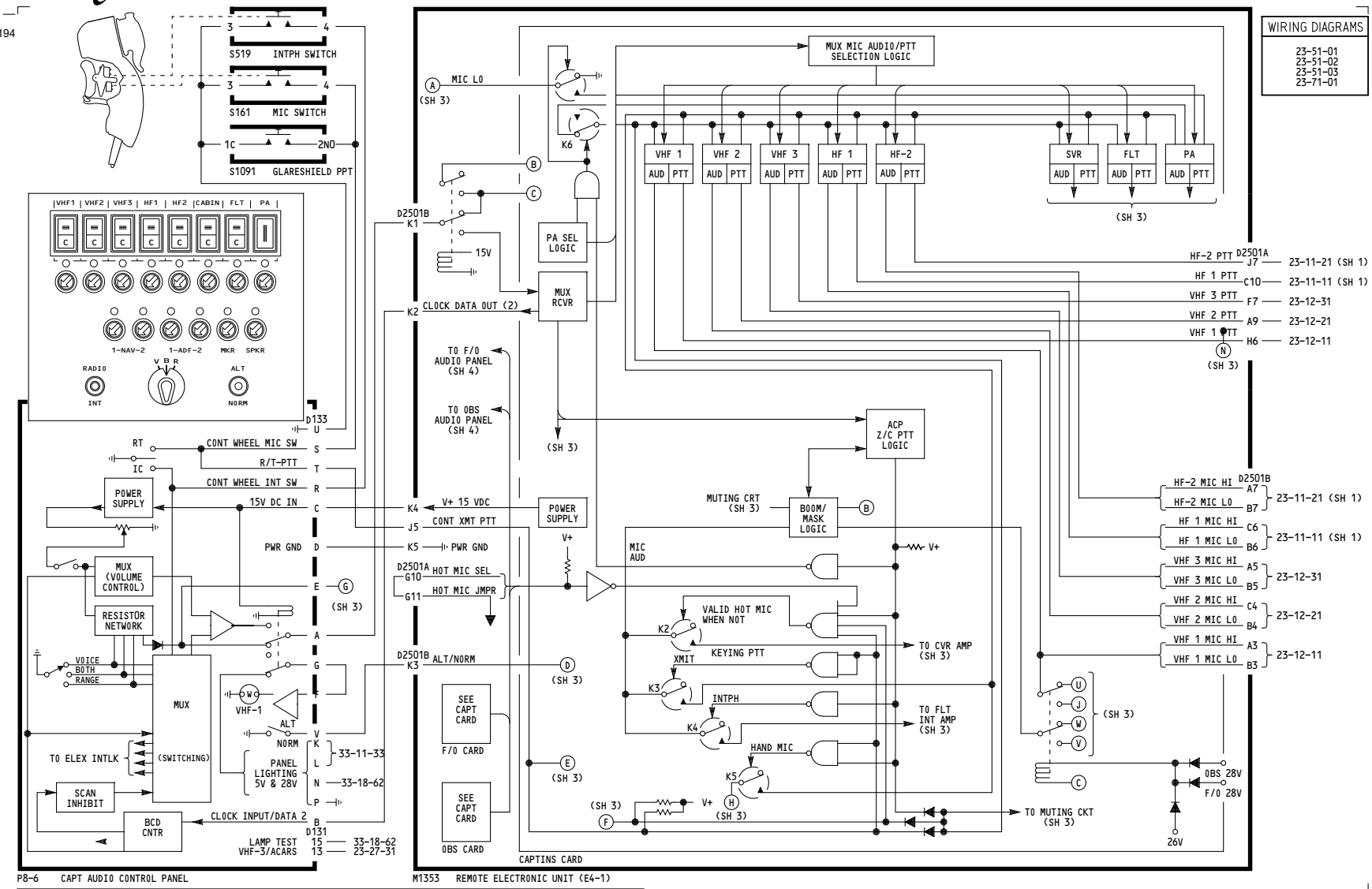

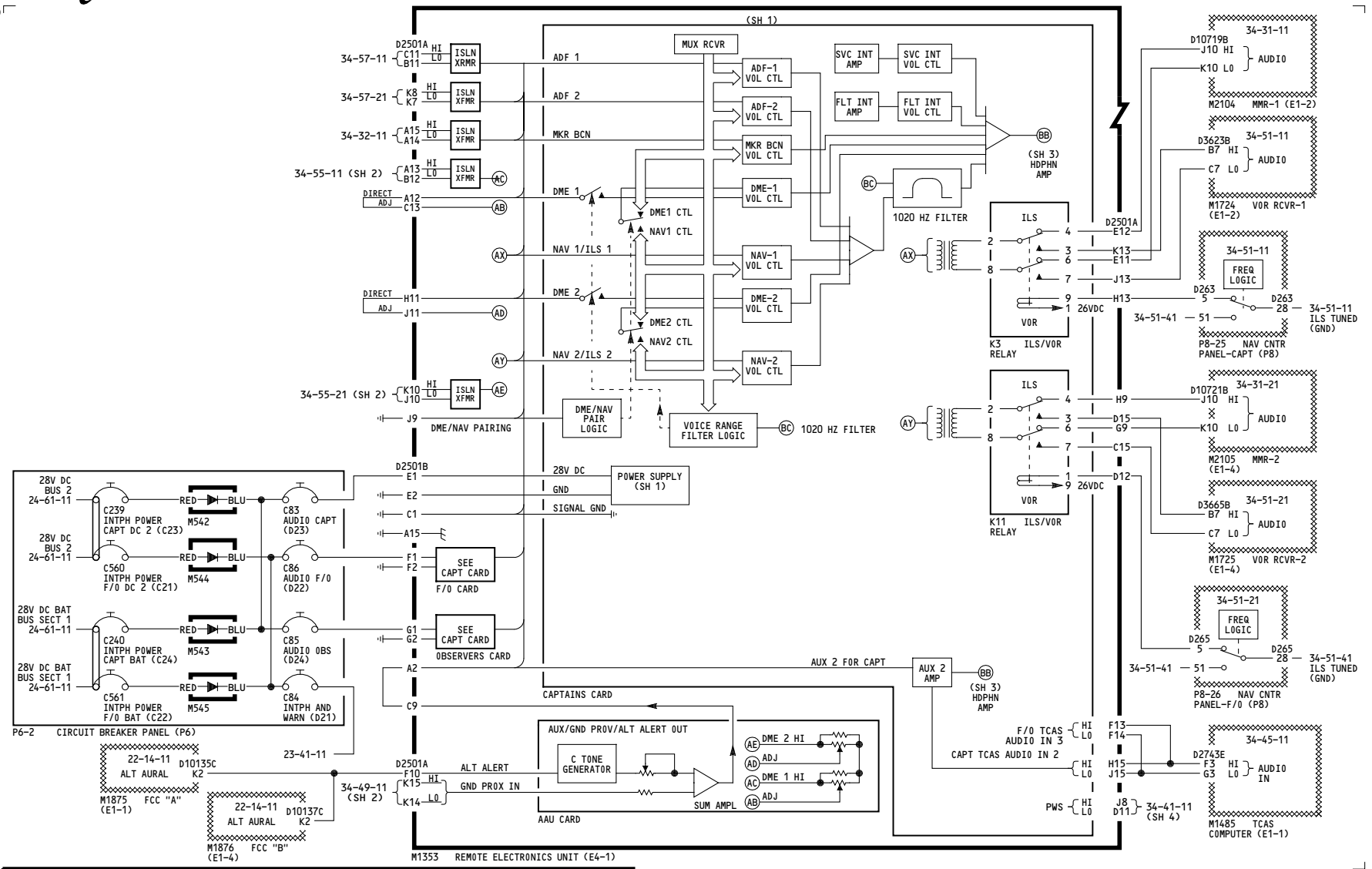

YT113-YT120, YT132-YT133

FLIGHT INTERPHONE

D280A451

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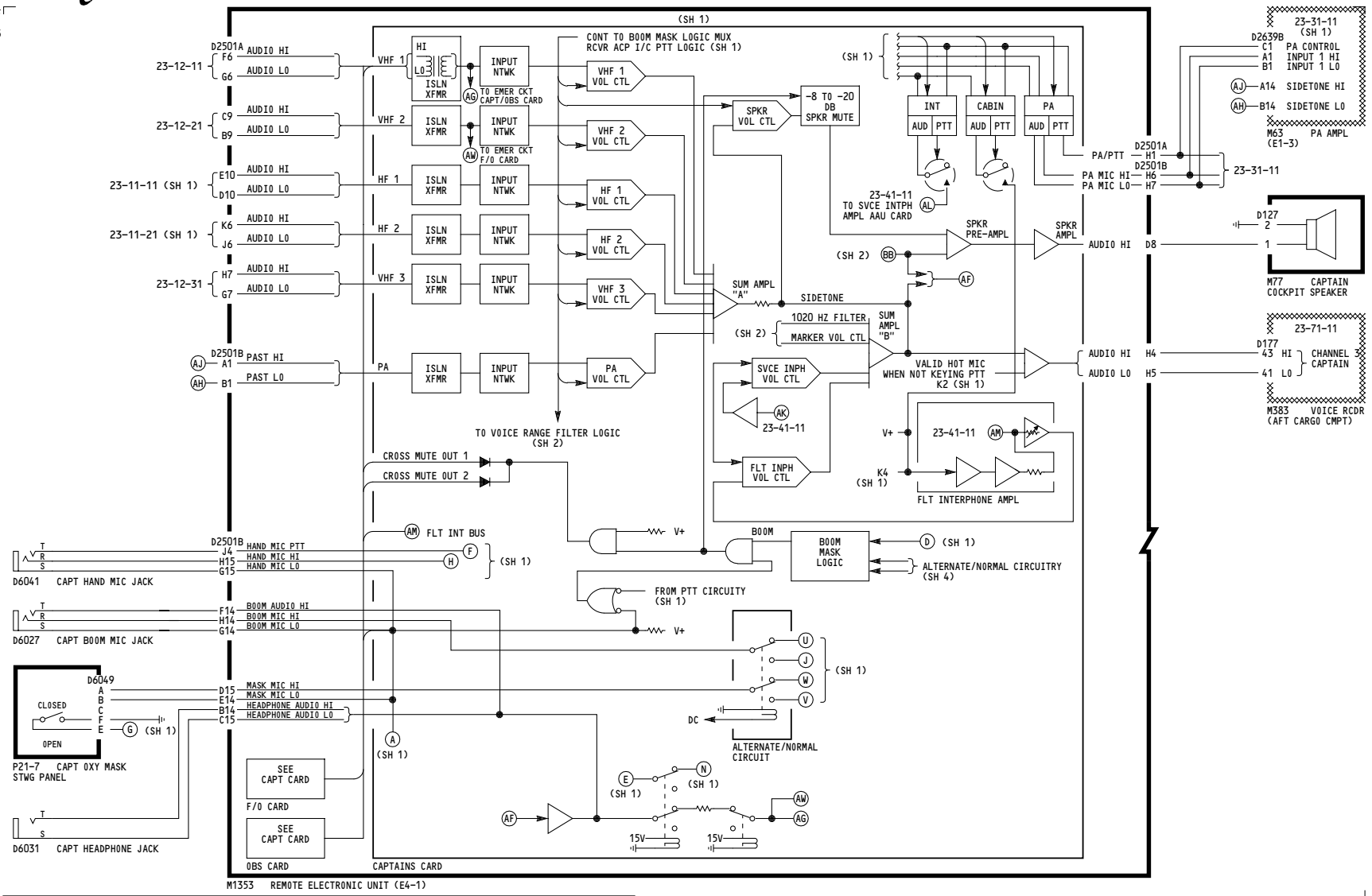

YT113-YT120, YT132-YT133

FLIGHT INTERPHONE

D280A451

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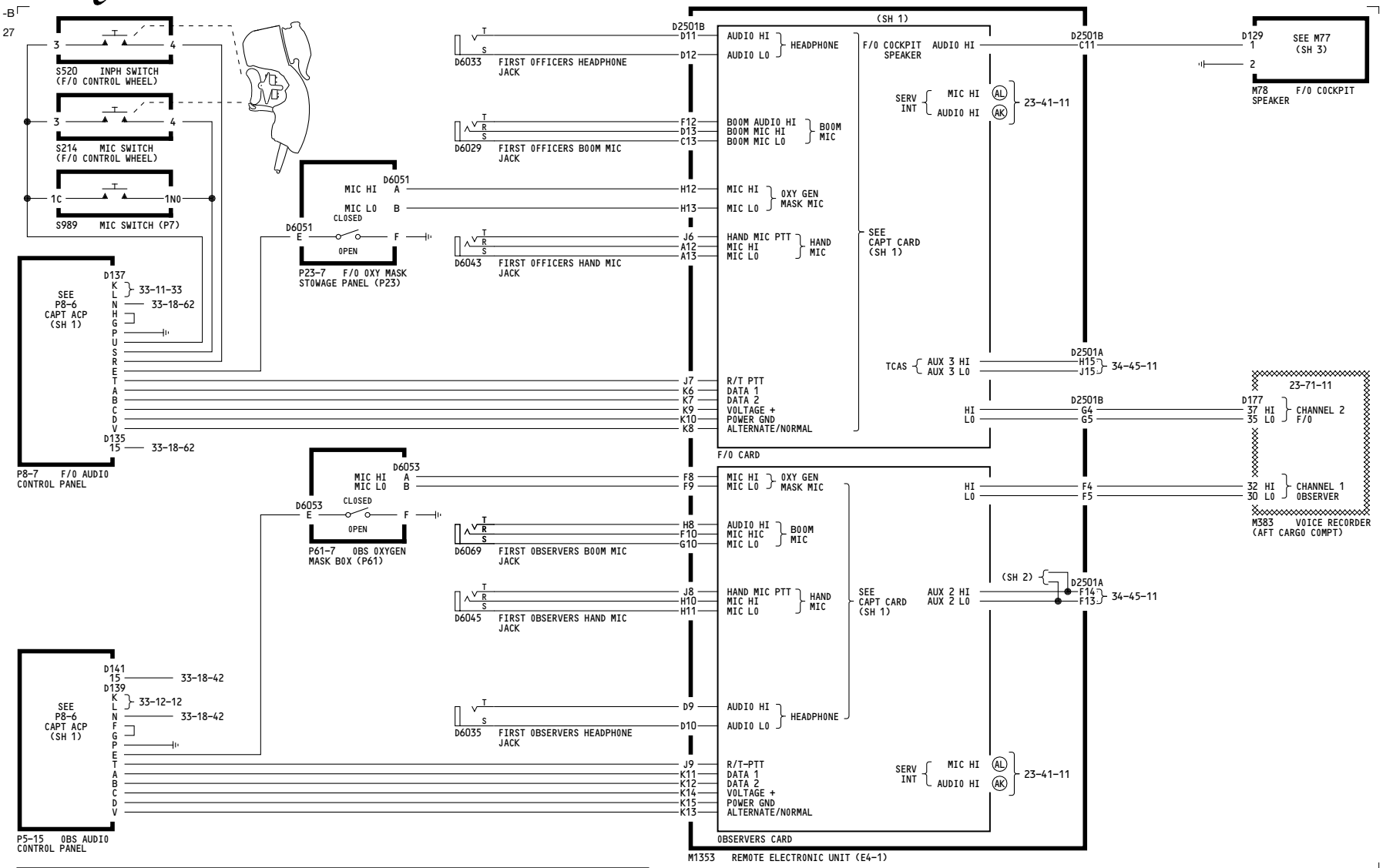
Jun 21/2016



YT113-YT120, YT132-YT133

FLIGHT INTERPHONE

D280A451

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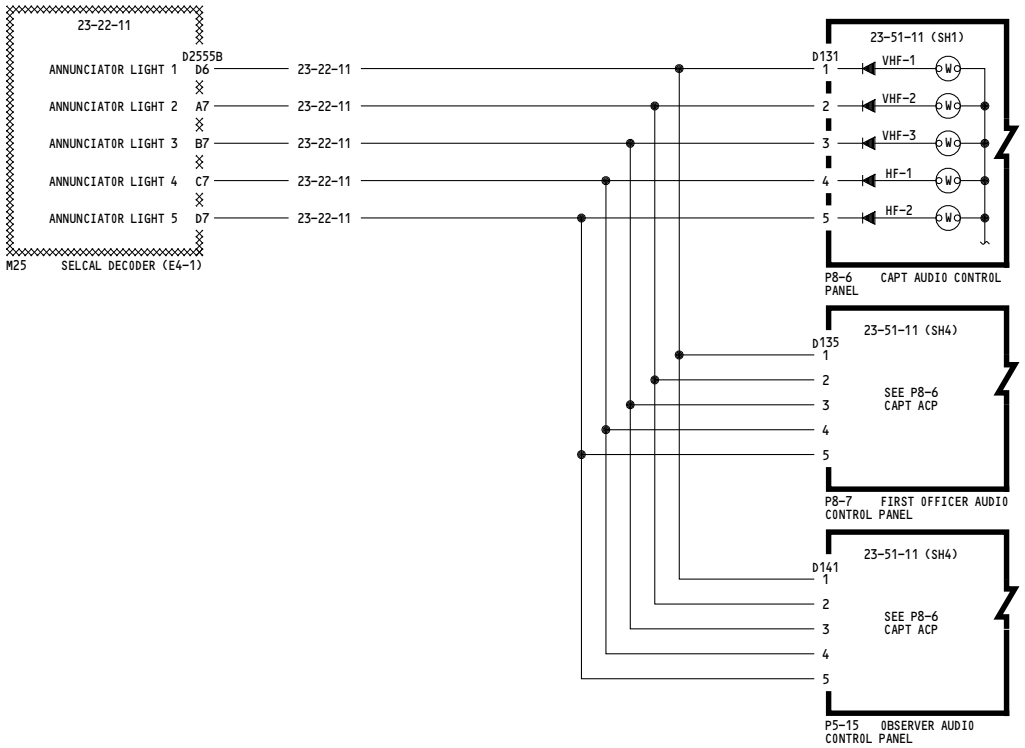
Sheet 4
Jun 21/2016



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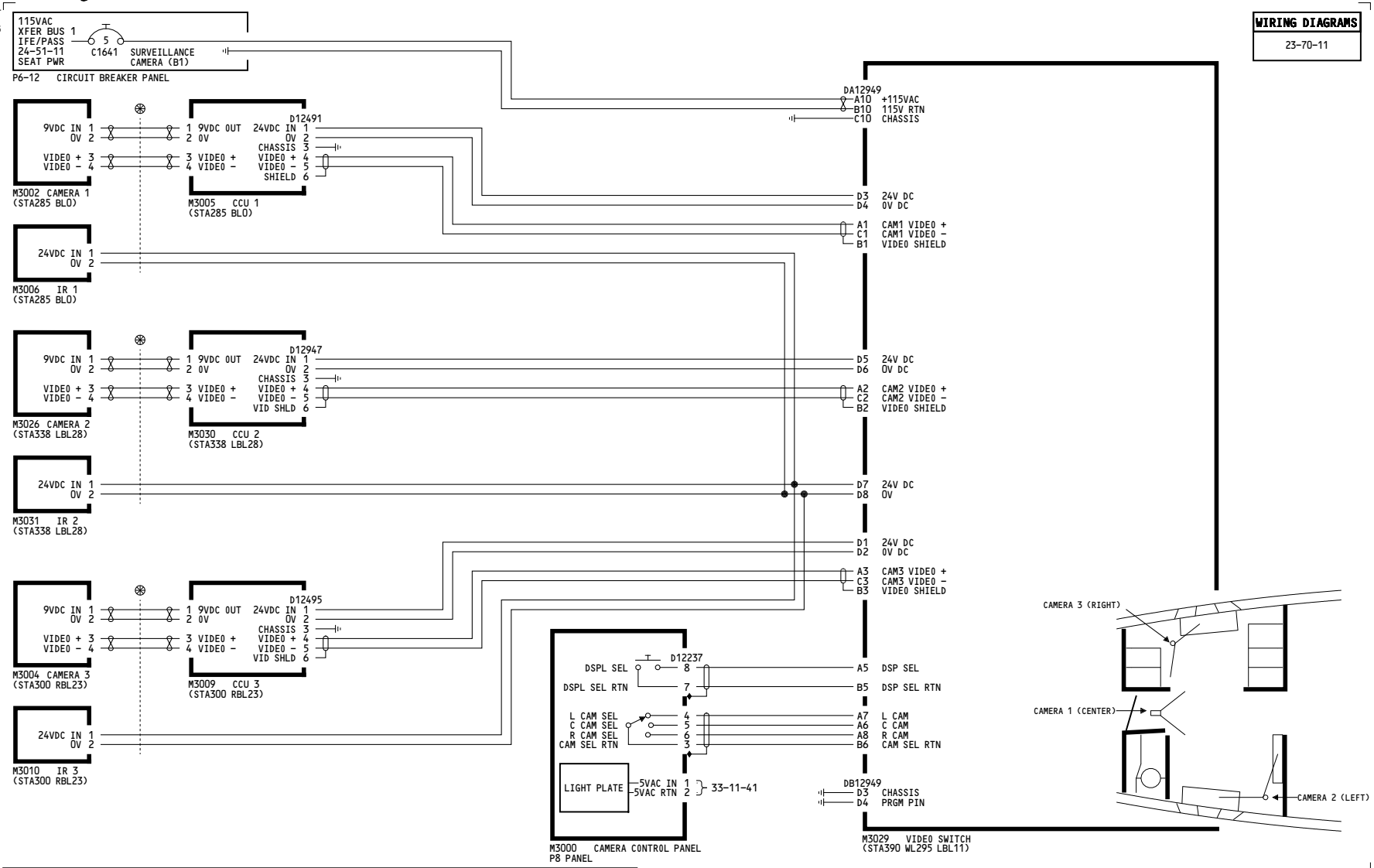
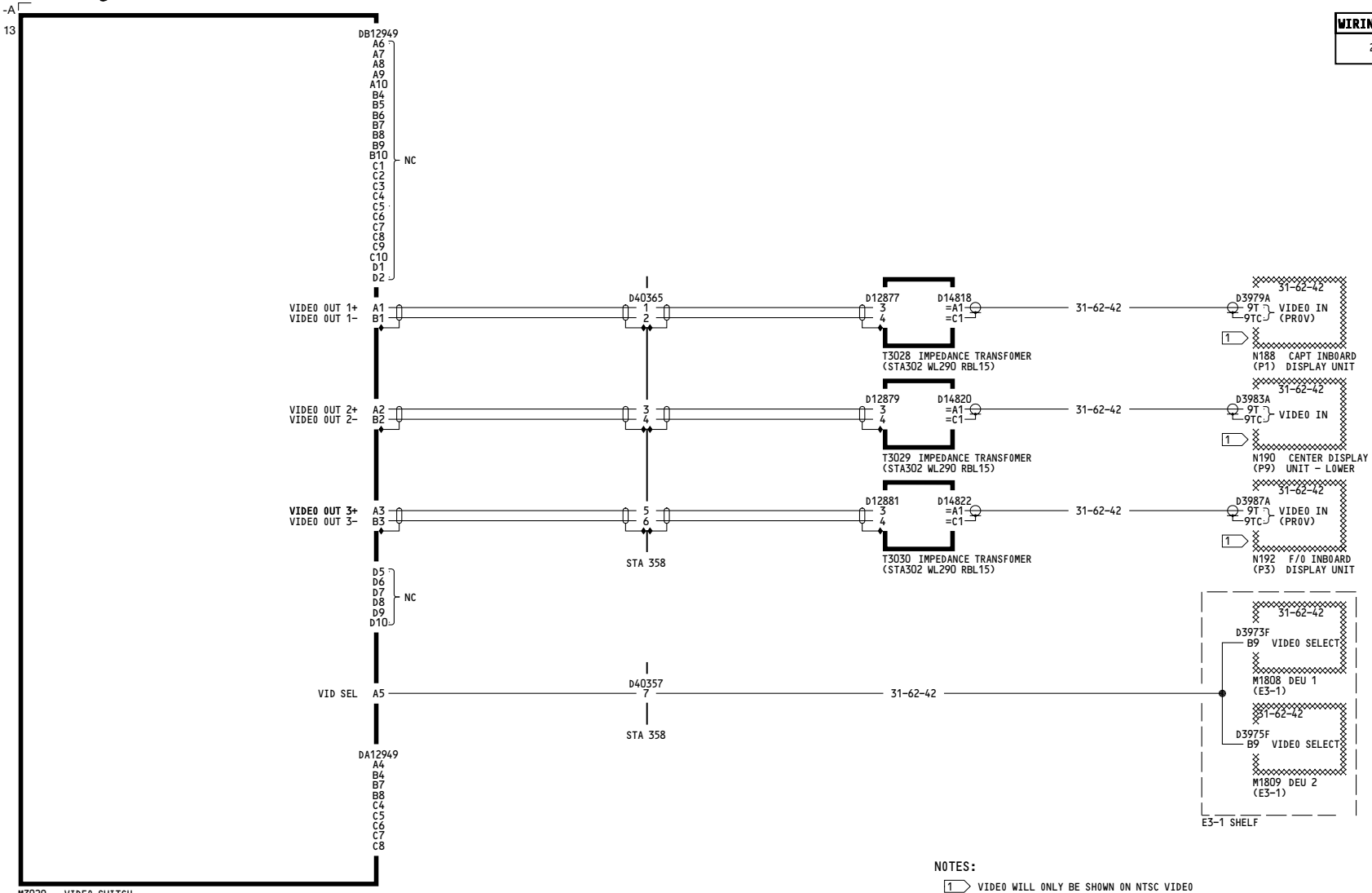


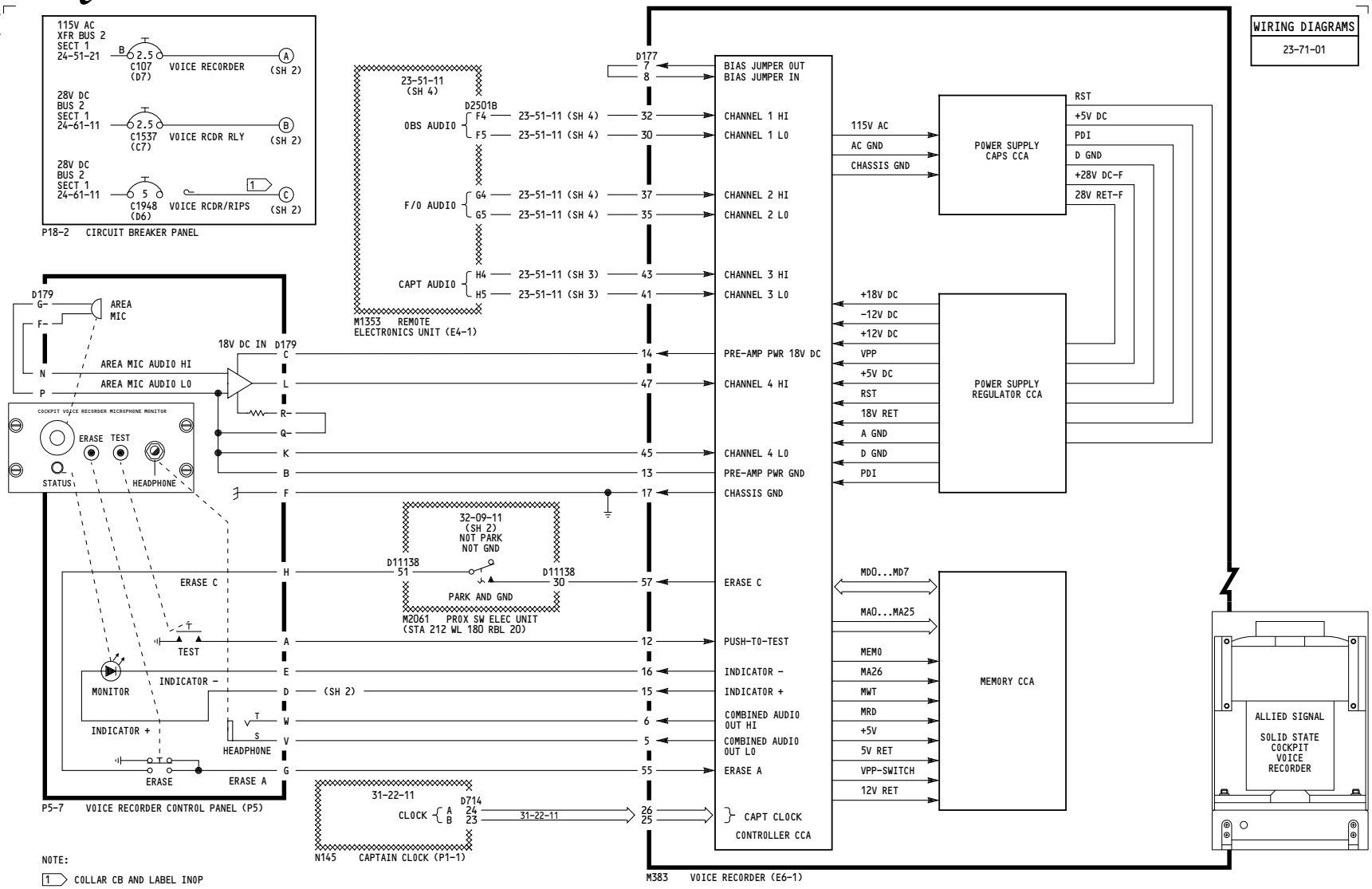
ALL	VIDEO SURVEILLANCE SYSTEM
	D280A451



NOTES:

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

ALL	**VIDEO SURVEILLANCE SYSTEM**
	D280A451



ALL

VOICE RECORDER

D280A451

23-71-11

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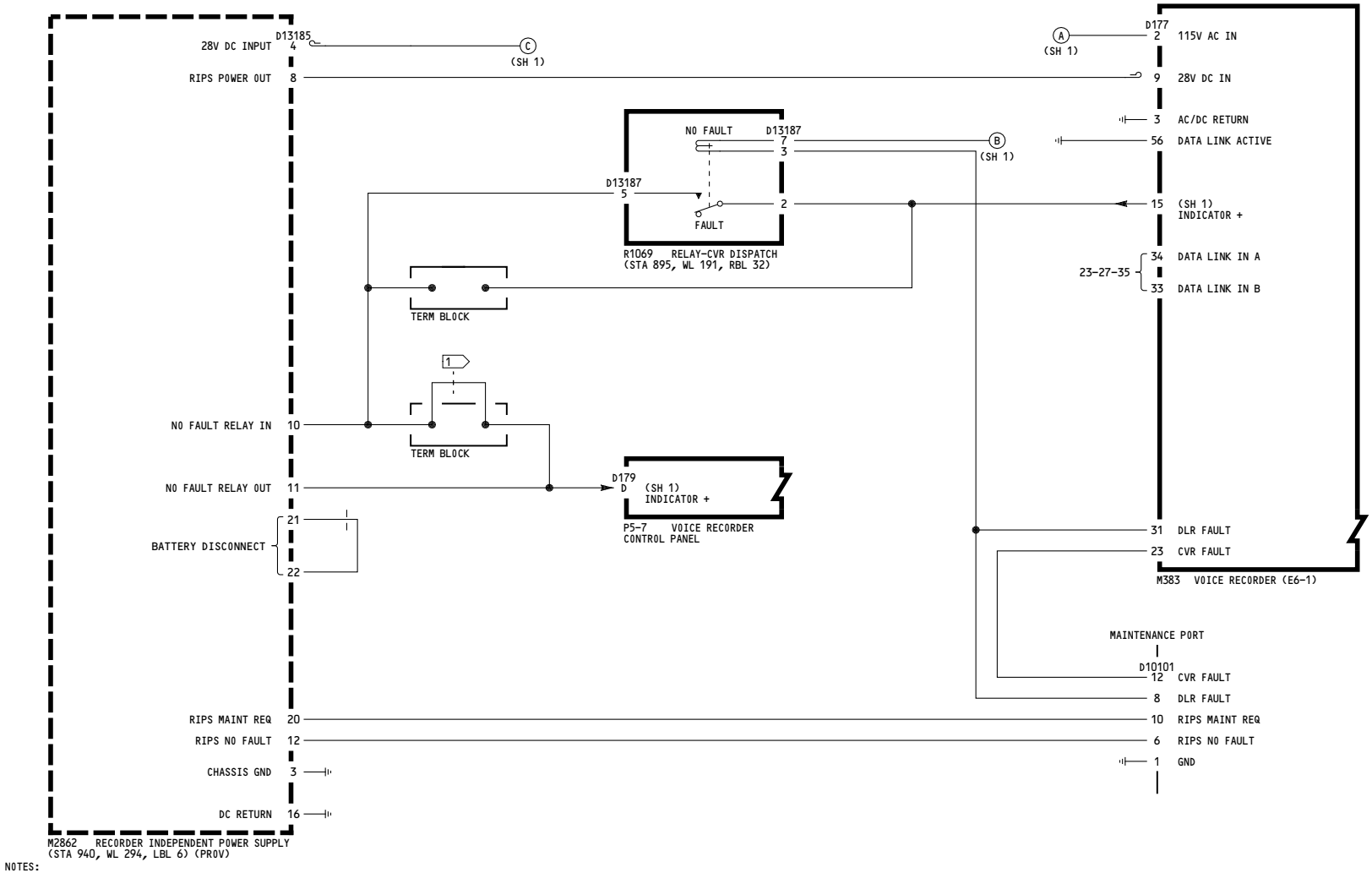
14



NOTES:

1 TERMINAL BLOCK JUMPER WIRE

ALL	VOICE RECORDER
	D280A451