

# **CHAPTER**

# **22**

# **AUTOFLIGHT**

For training purposes only!



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## WIRING DIAGRAM MANUAL

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			2	Feb 10/2005		5	1	1	Feb 01/2010
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			2	Oct 06/2010	R	6	1	1	Nov 12/2012
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			2	Oct 06/2010	R	3	1	1	Nov 12/2012
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		3		Feb 10/2005				3	Oct 27/2011
		4		Feb 10/2005	R			4	Nov 12/2012
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		1	1	Feb 10/2005				3	Nov 12/2012
		2	2	Aug 30/2007		22-31-52		1	Oct 06/2010
		2	1	Oct 06/2010	R			2	Nov 12/2012
		2	2	Oct 06/2010	R			3	Nov 12/2012
		3	1	Feb 10/2005				4	May 11/2009
		2	2	Aug 30/2007	R			5	Nov 12/2012
		4	1	Feb 10/2005					
		2	2	Aug 30/2007					
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R		2	2	Nov 12/2012					
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22-18-11		1		Aug 30/2007					
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				2	Feb 10/2005	YC053-YC058
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			7	1	Nov 12/2012	YN236-YR328
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DFCS - A AND B SYSTEM INTERLOCKS	22-11-12		1	1	Aug 30/2007	YC051-YC052
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			2	1	Oct 06/2010	YC053-YD155
				2	Oct 06/2010	YC053-YD155
			3	1	Nov 12/2012	YD157
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DFCS - INTERSYSTEM SWITCHING	22-11-14		1		Oct 06/2010	YC051-YD155
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DFCS - A AND B A/P ROLL SENSORS AND ACTUATORS	22-11-31		1	1	Feb 10/2005	YC051-YC052
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			4	1	Mar 02/2012	YL951-YN236 YN501-YR314
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DFCS - DIGITAL BUS INTERFACES - OUTPUT	22-11-51		1	1	Feb 10/2005	YC051-YC052
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				3	Aug 30/2007	YC051-YC052
			2	1	Oct 06/2010	YC053-YD155
				2	Oct 06/2010	YC053-YD155
				3	Oct 06/2010	YC053-YD155
			3	1	Nov 12/2012	YD157
				2	Nov 12/2012	YD157
				3	Nov 12/2012	YD157
			4	1	Oct 27/2011	YD158
				2	Oct 27/2011	YD158
				3	Oct 27/2011	YD158
				4	Oct 27/2011	YD158
			5	1	Feb 01/2010	YL951-YL999
				2	Feb 01/2010	YL951-YL999
				3	Feb 01/2010	YL951-YL999
				4	Feb 01/2010	YL951-YL999
			6	1	Nov 12/2012	YN231-YR328
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DFCS - A AND B OPTION PINS	22-11-75		1	1	Oct 06/2010	YC051-YD151
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			1.1	1	Aug 14/2012	YC053 YC055
				2	Aug 14/2012	YC053 YC055
			2	1	Feb 10/2005	YD152-YD155
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			4	1	Aug 11/2008	YL951-YL952
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				3	Nov 12/2012	YL953-YL999 YR301-YR328
				4	Nov 12/2012	YL953-YL999 YR301-YR328
			6	1	Aug 11/2008	YN231-YN260
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				3	Aug 11/2008	YN231-YN260
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DFCS - A A/P PITCH SENSORS AND ACTUATORS	22-12-31		1		Feb 10/2005	YC051-YC052
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DFCS - B A/P PITCH SENSORS AND ACTUATORS	22-12-41		1		Feb 10/2005	YC051-YC052
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				2	Nov 12/2012	YD157-YR328	
DFCS - MACH TRIM	22-18-11		1		Aug 30/2007	YC051-YC052	
				2	Oct 06/2010	YC053-YC068	
				3	Nov 12/2012	YC070-YR328	
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YAW DAMPER ENGAGE INTERLOCKS	22-23-11		1		Aug 30/2007	YC051-YC052	
				2	Nov 12/2012	YC053-YR328	
				2.1	Oct 06/2010	YC053-YD155	
YAW DAMPER RUDDER CONTROL	22-23-12		1		Feb 10/2005	YC051-YC052	
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				4	Feb 01/2010	YL955-YL959	
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AUTOTHROTTLE SYSTEM- POWER, TOGA, PROGRAM PINS AND TEST BUSSES	22-31-11		1		Feb 10/2005	YC051-YC052	
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AUTOTHROTTLE SYSTEM - SERVO MOTOR 1	22-31-31		1		Oct 06/2010	YC051-YD155	
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			4		Nov 12/2012	YR301-YR328
AUTOTHROTTLE SYSTEM - ENGAGE/DISENGAGE	22-31-51		1		Oct 06/2010	YC051-YD155
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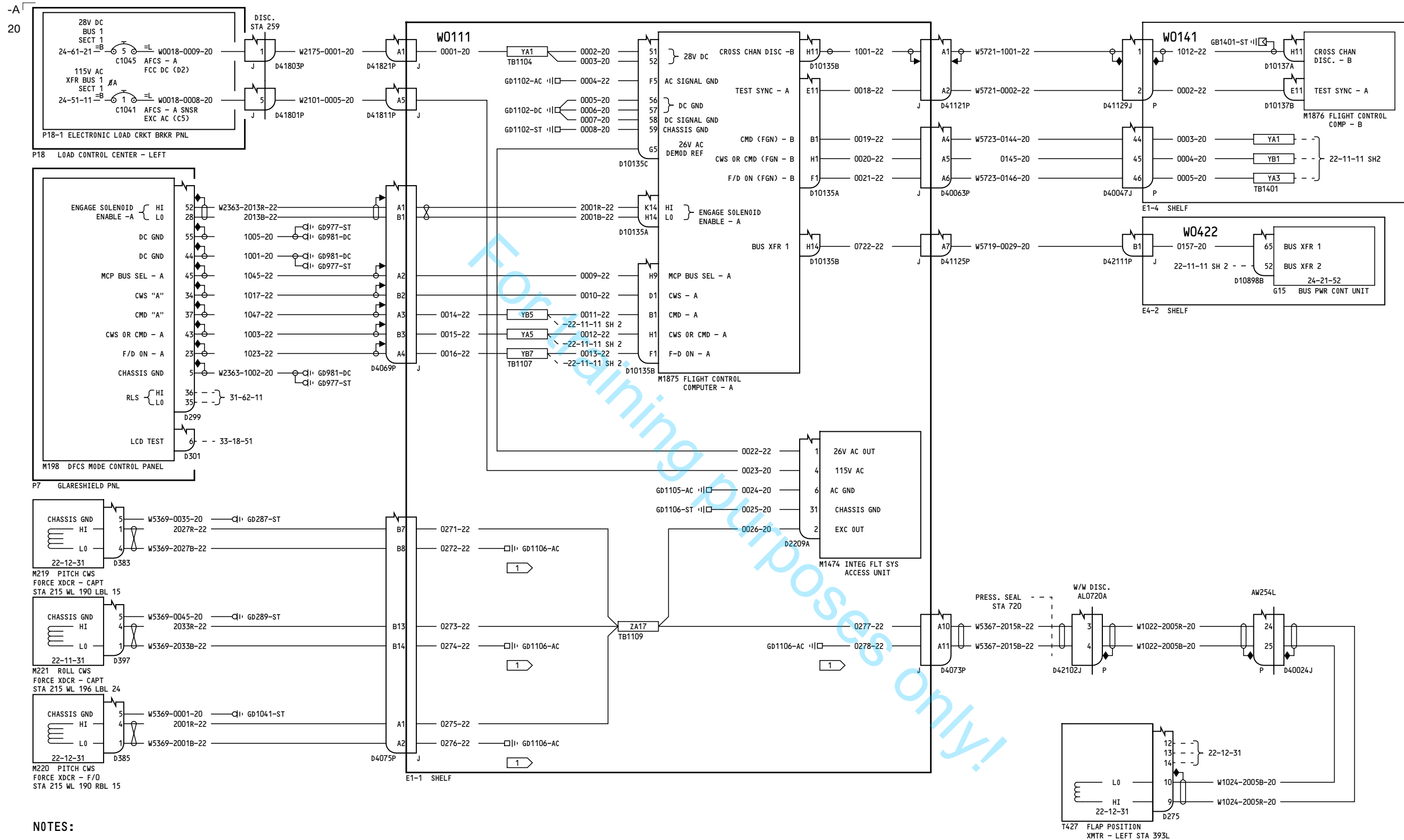
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YC051-YC052

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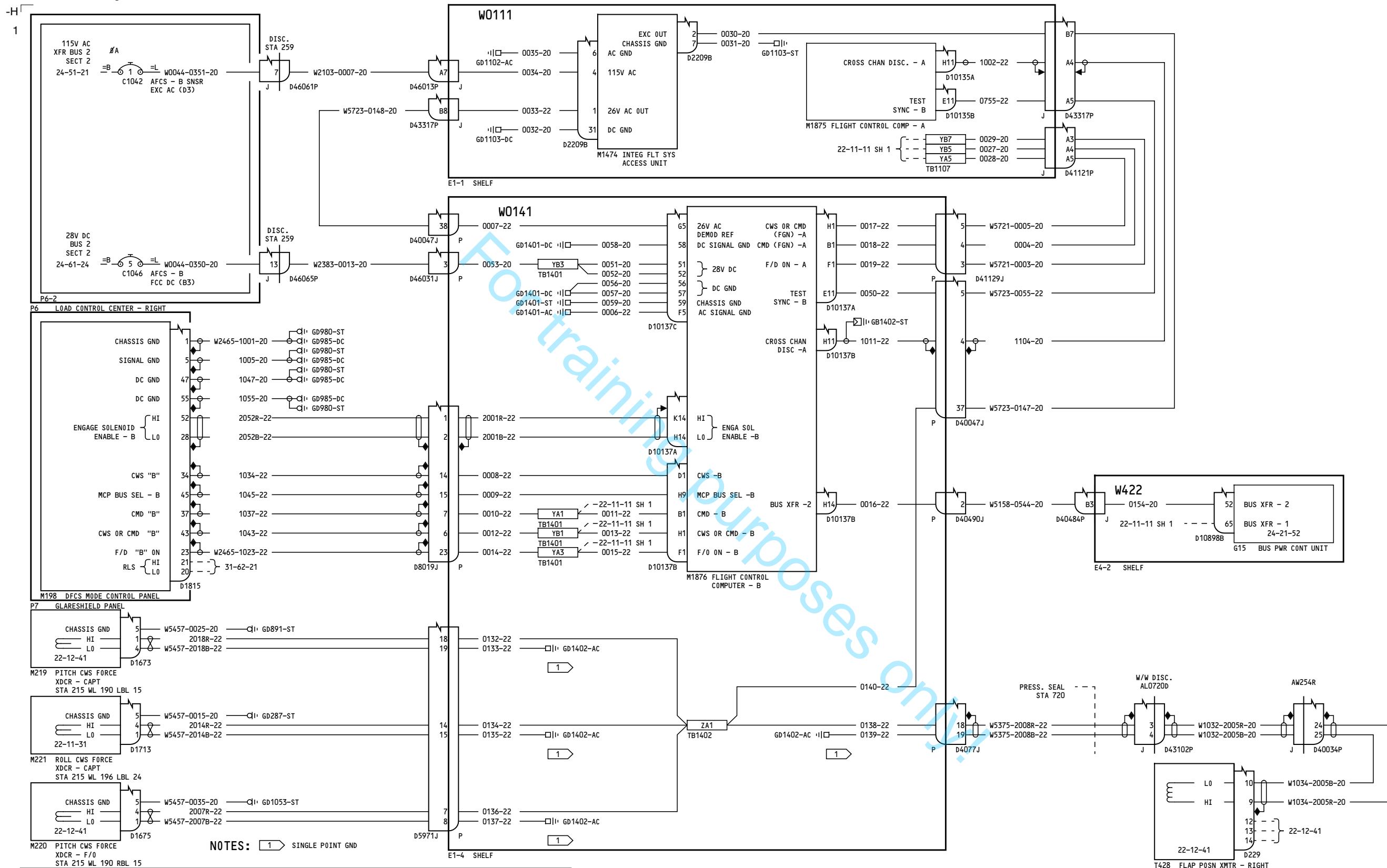
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YC051-YC052

**DFCS - A AND B FCC  
POWER AND 26V AC  
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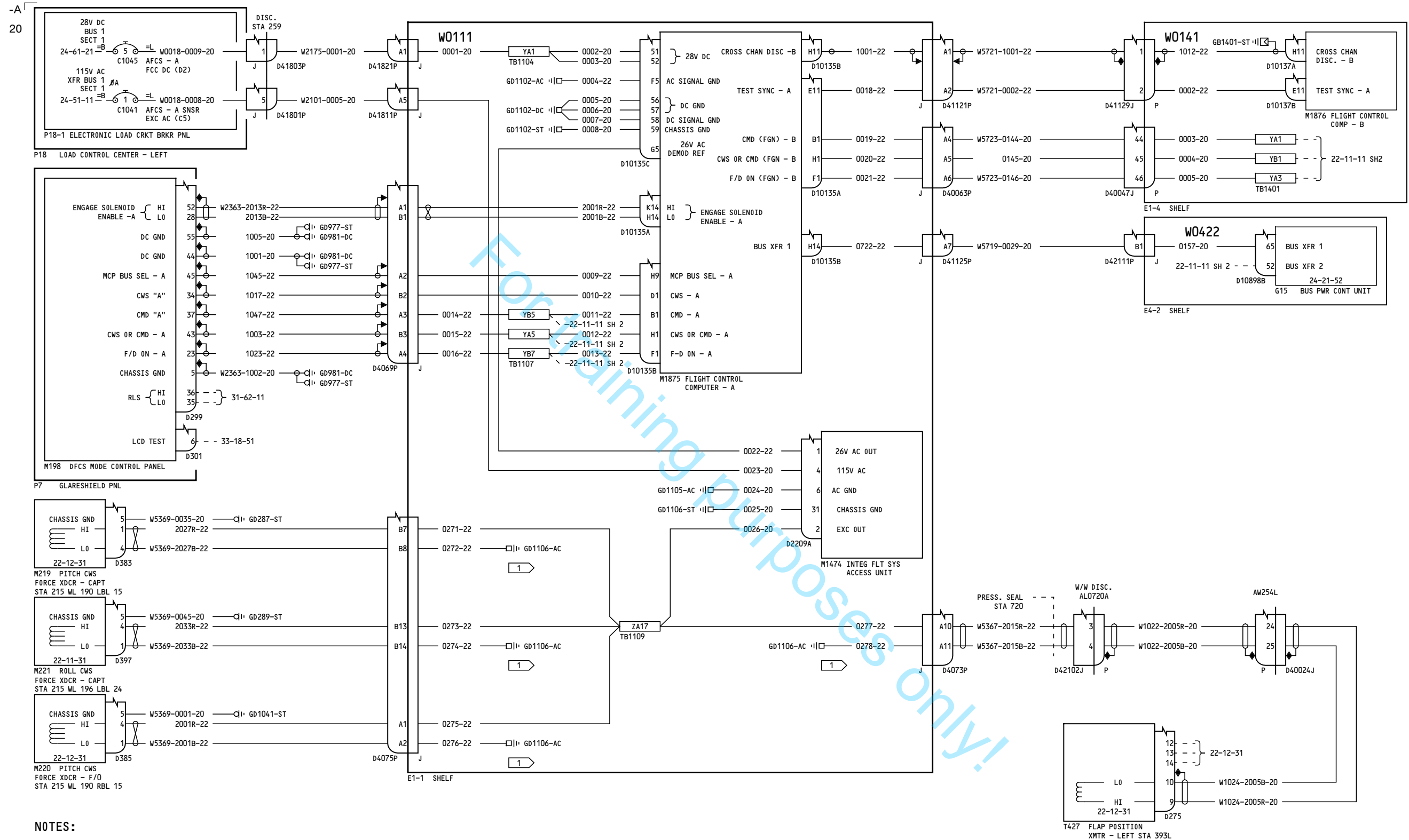
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POWER AND 26V AC  
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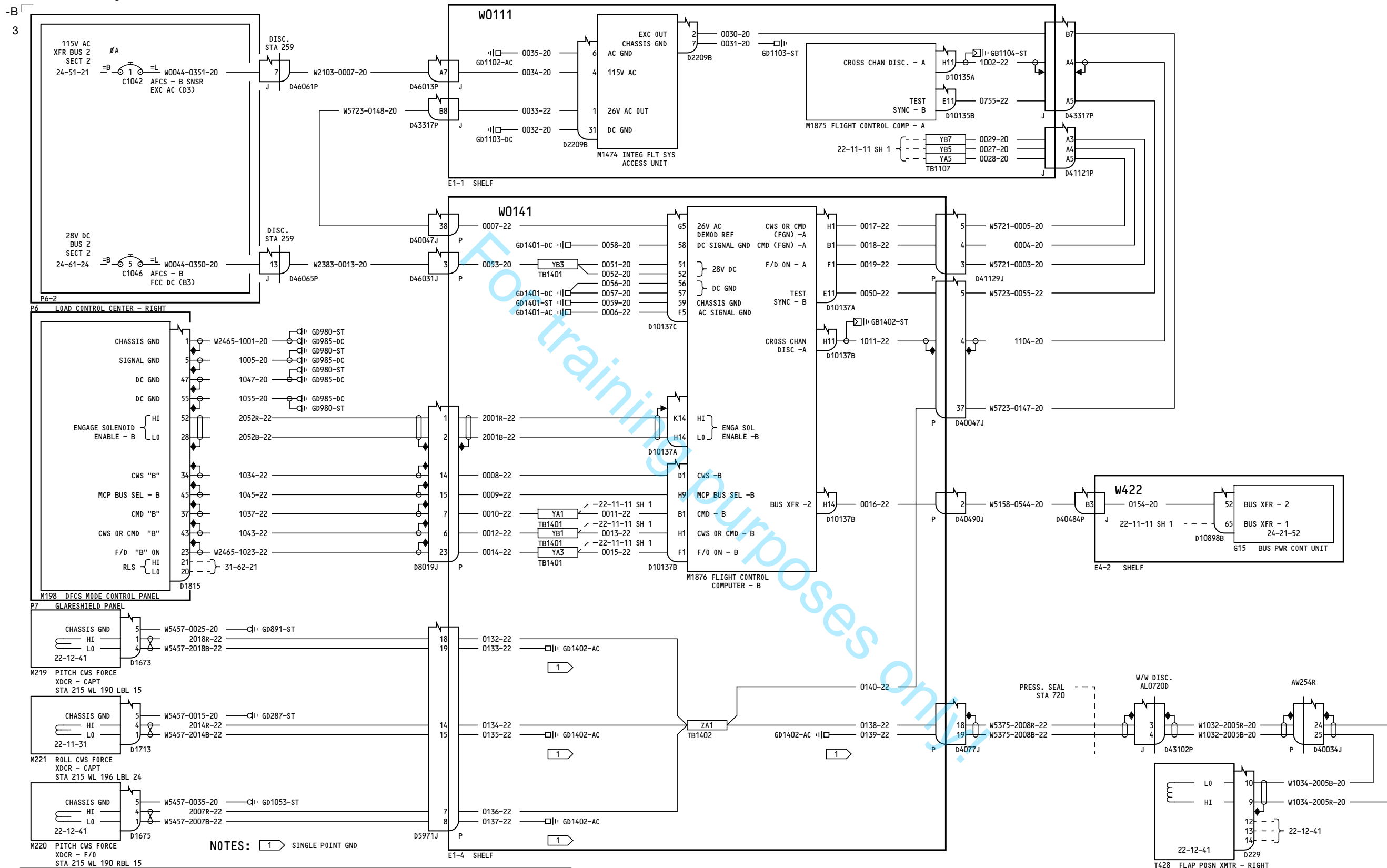
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YC053-YC058

**DFCS - A AND B FCC  
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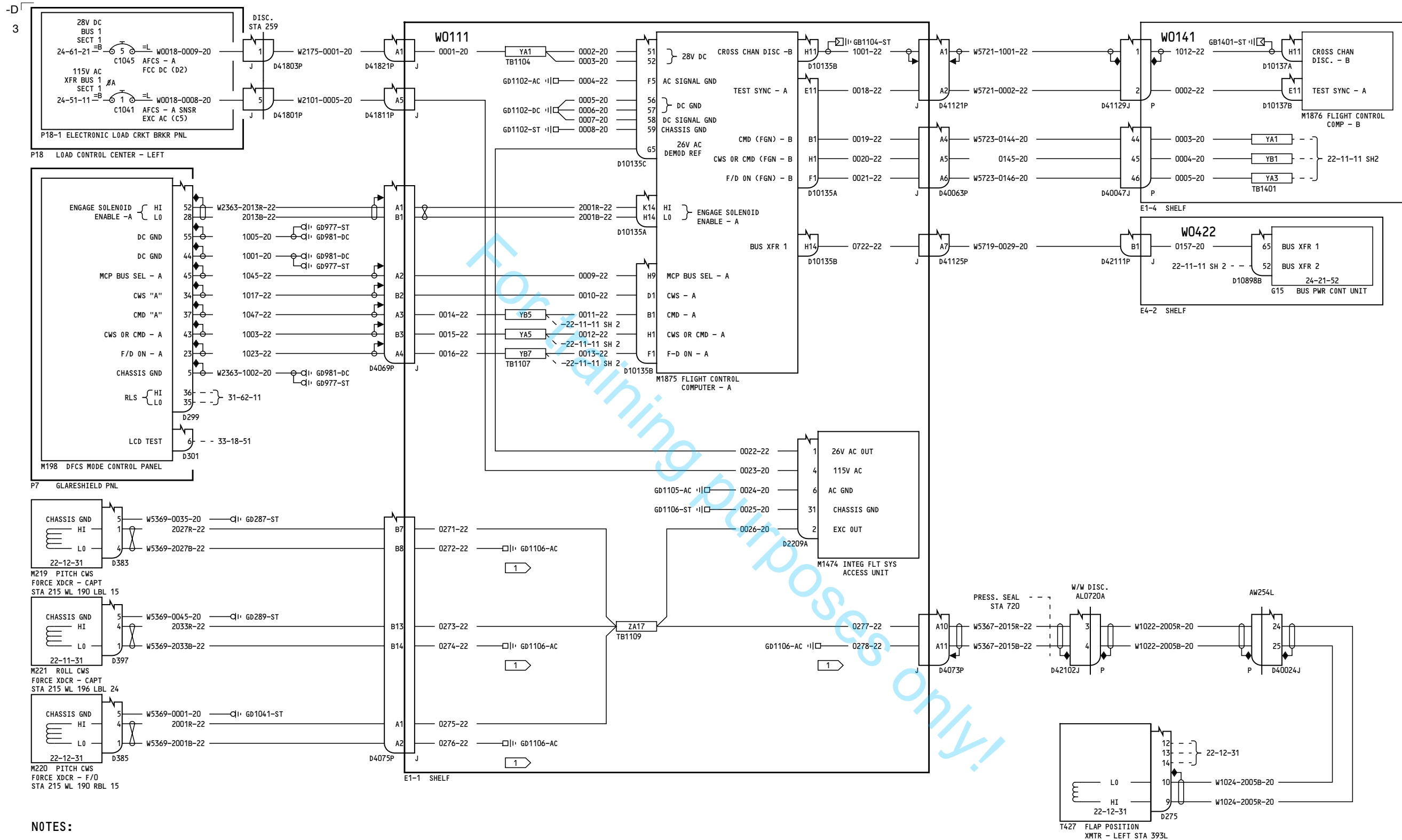
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YC059-YD155

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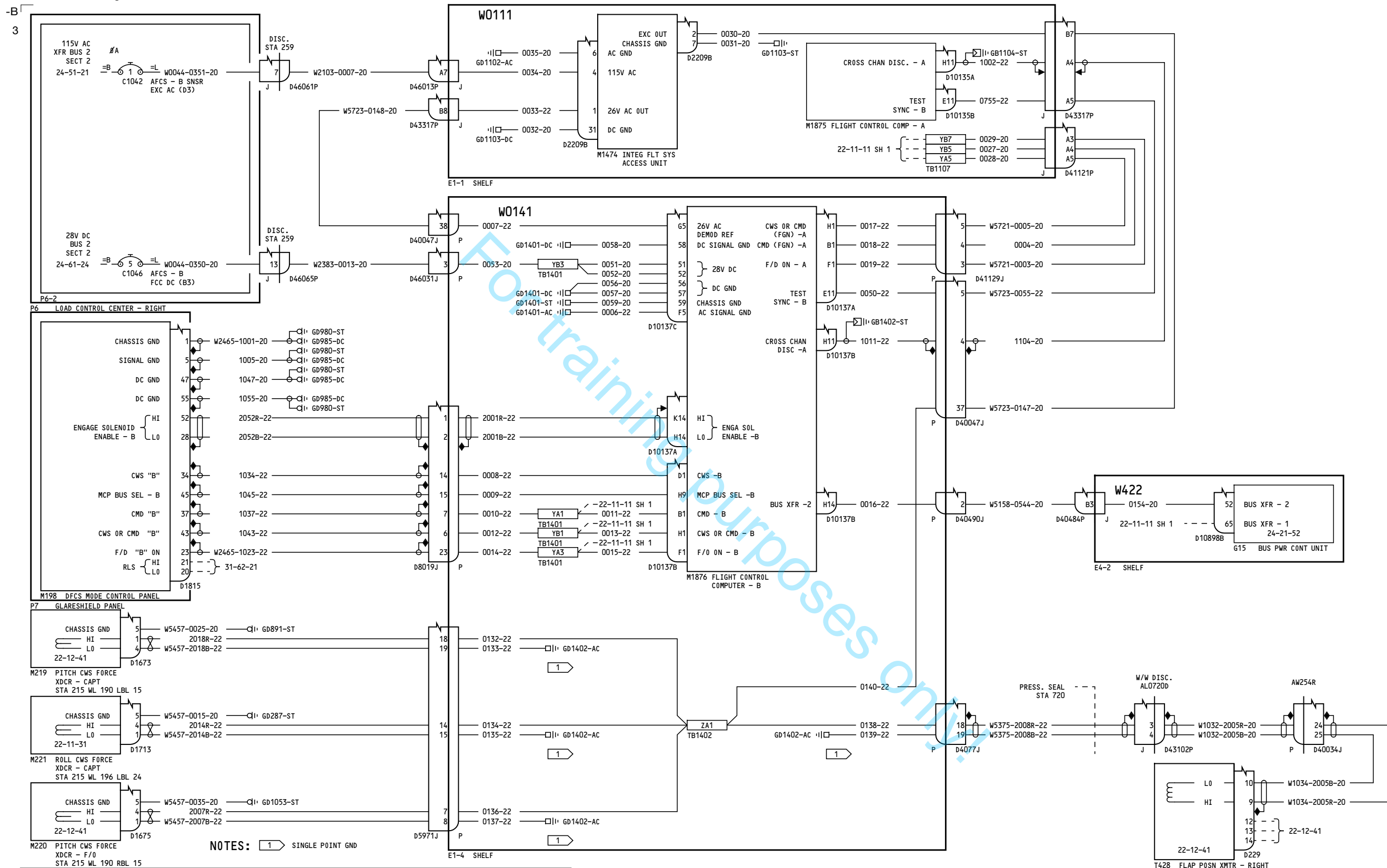
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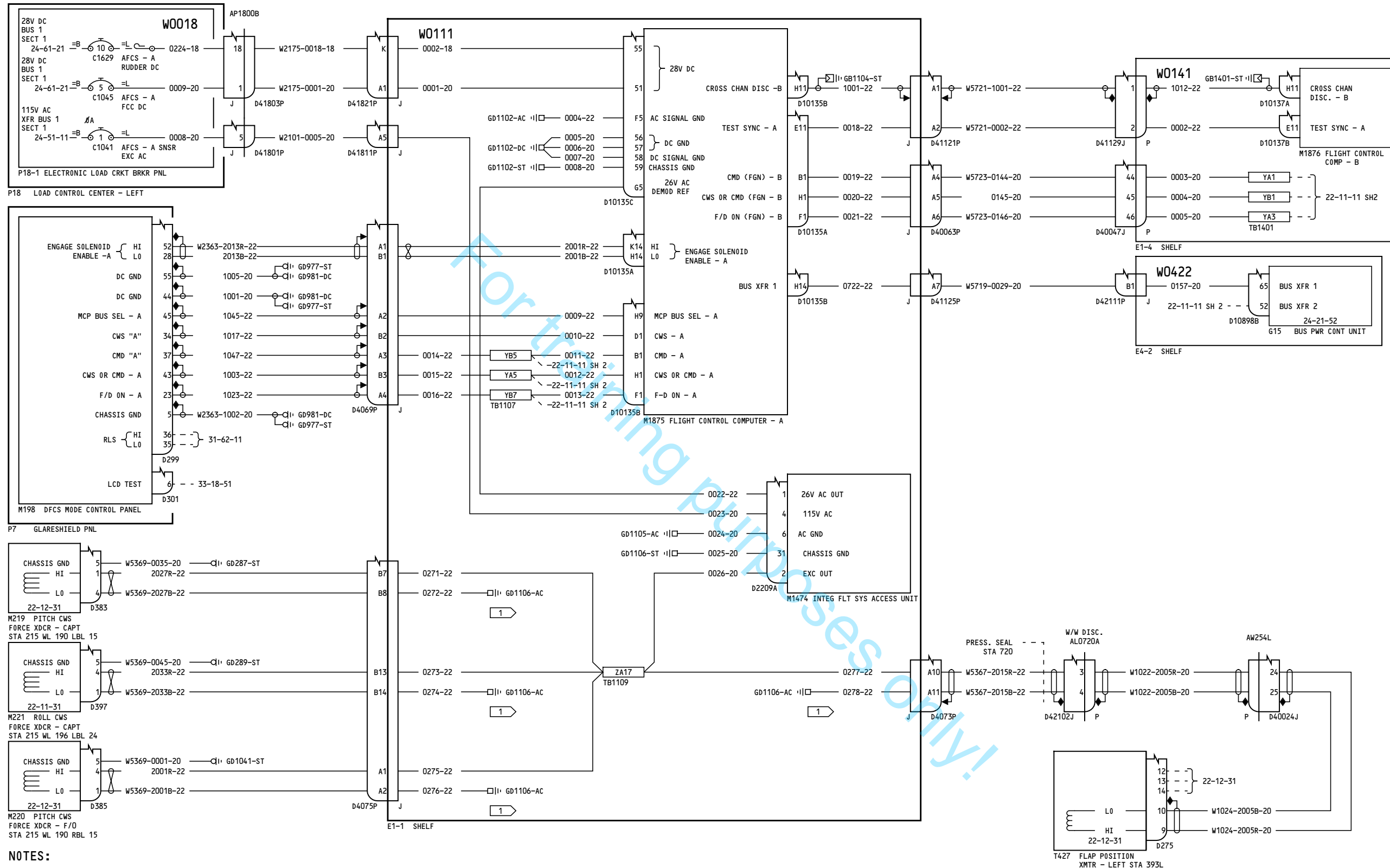
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YD157-YD170

**DFCS - A AND B FCC  
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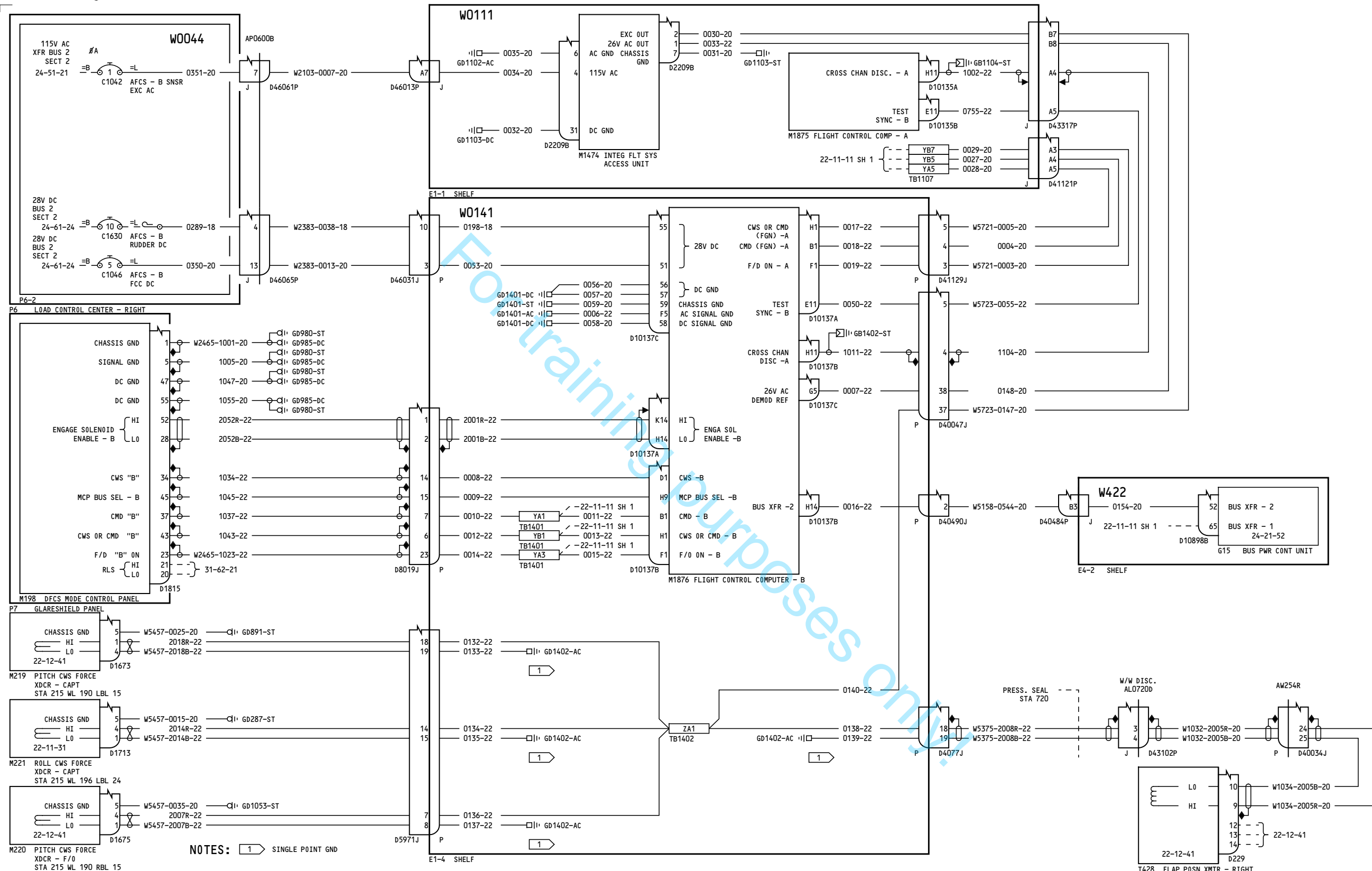
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DFCS - A AND B FCC  
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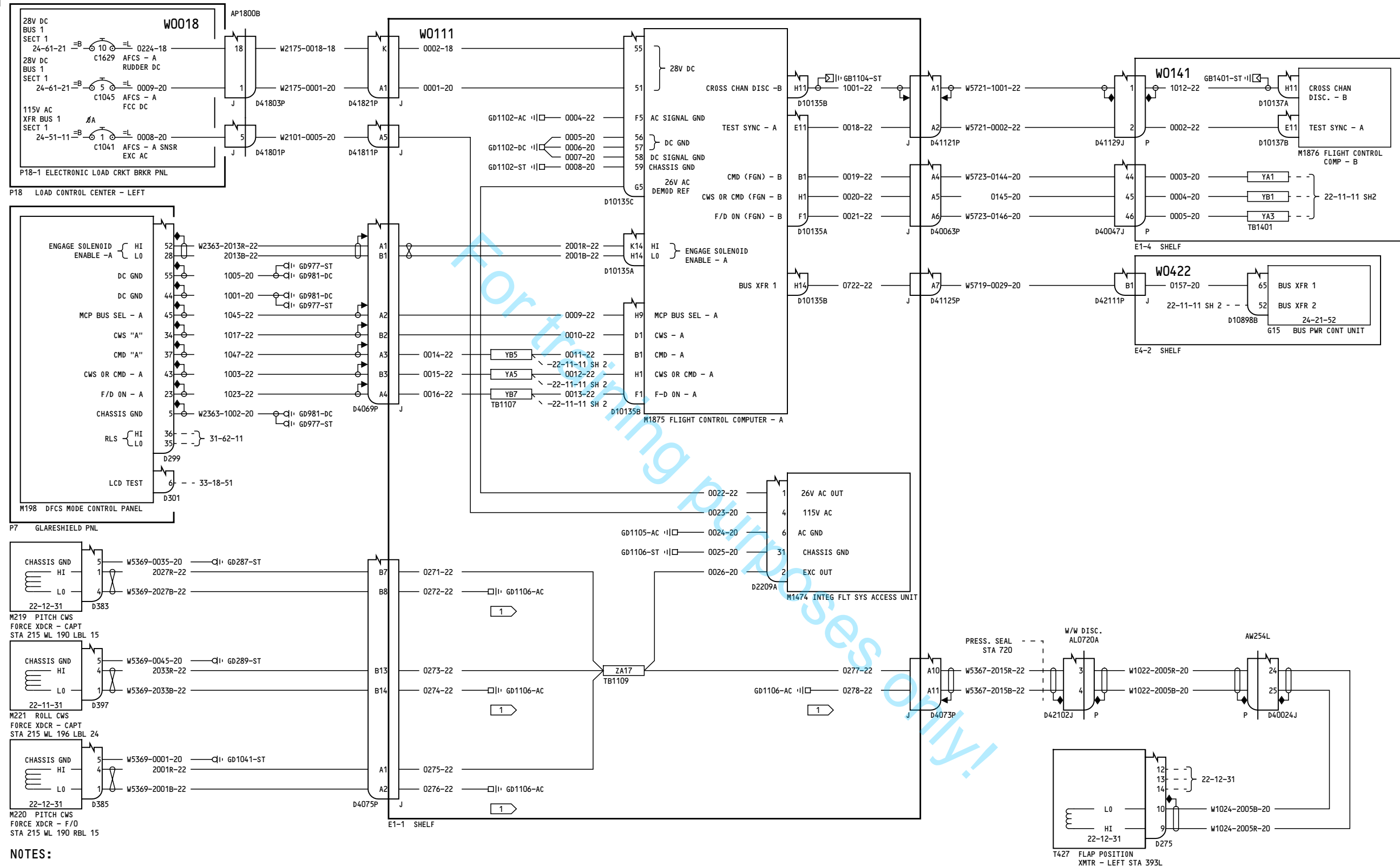
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YL951-YL953, YN231-YN235

**DFCS - A AND B FCC  
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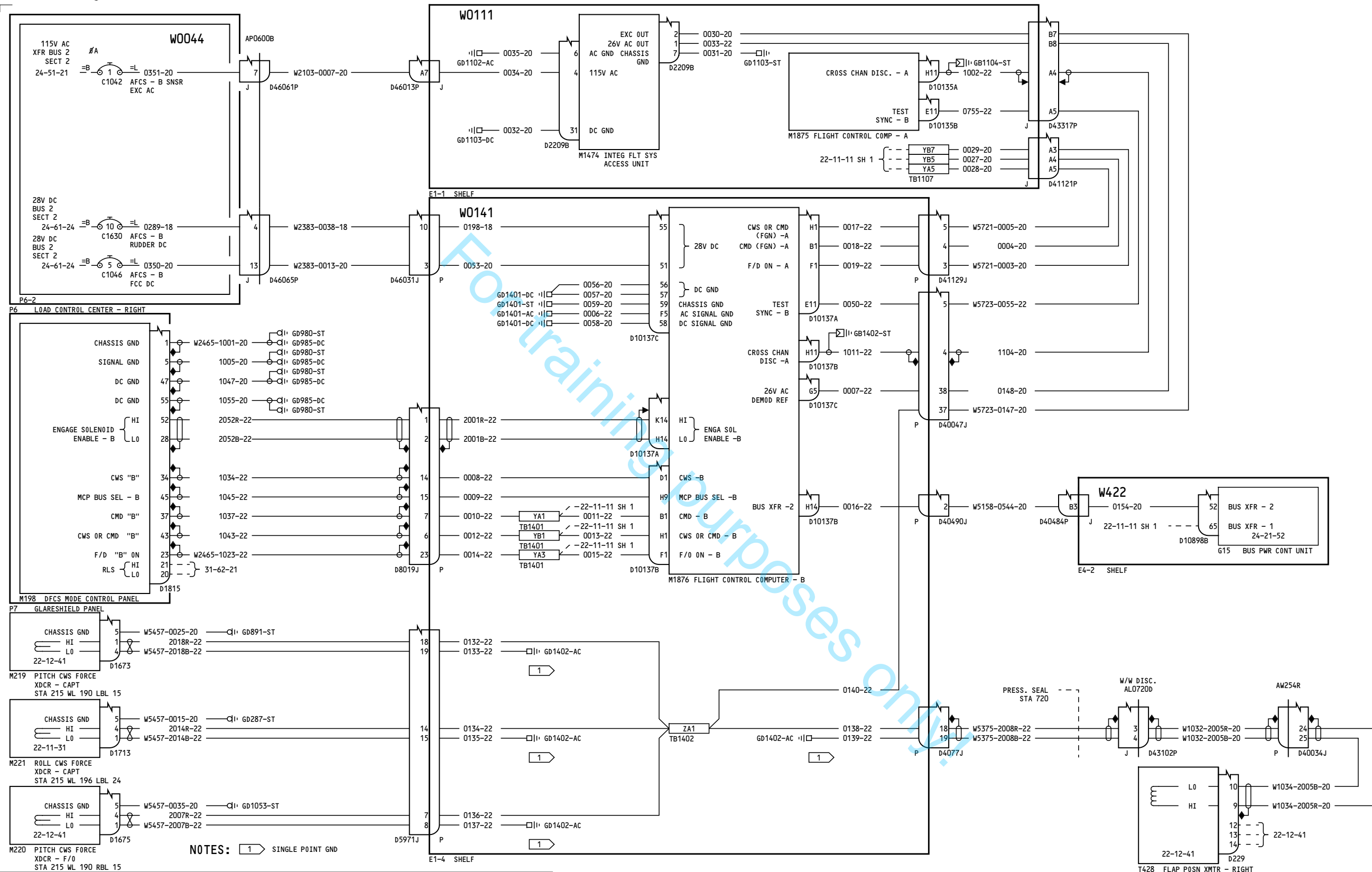
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YL951-YL953, YN231-YN235

DFCS - A AND B FCC  
POWER AND 26V AC  
EXCITATION

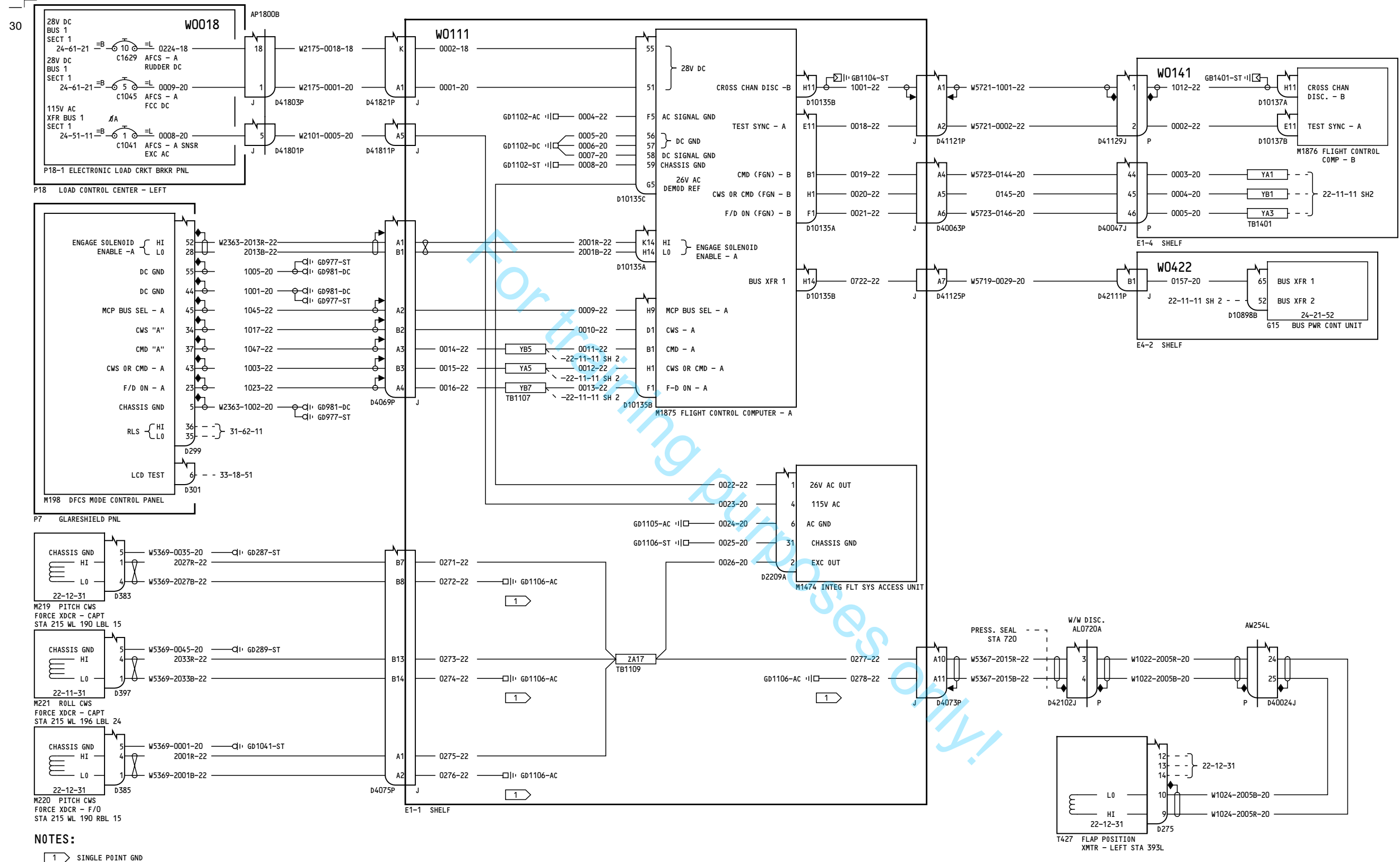
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YL954-YL999

**DFCS - A AND B FCC  
POWER AND 26V AC  
EXCITATION**

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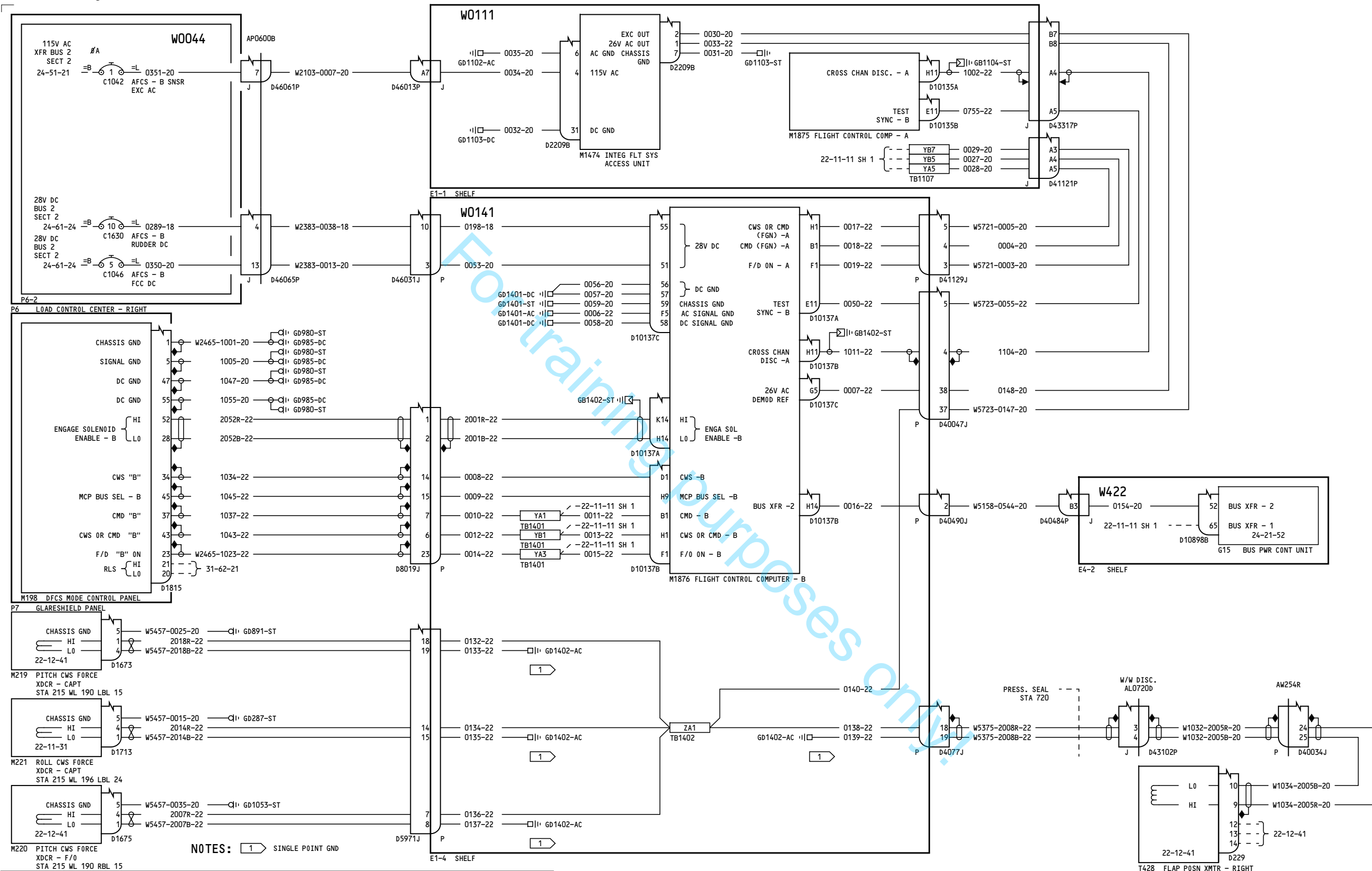
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YL954-YL999

**DFCS - A AND B FCC  
POWER AND 26V AC  
EXCITATION**

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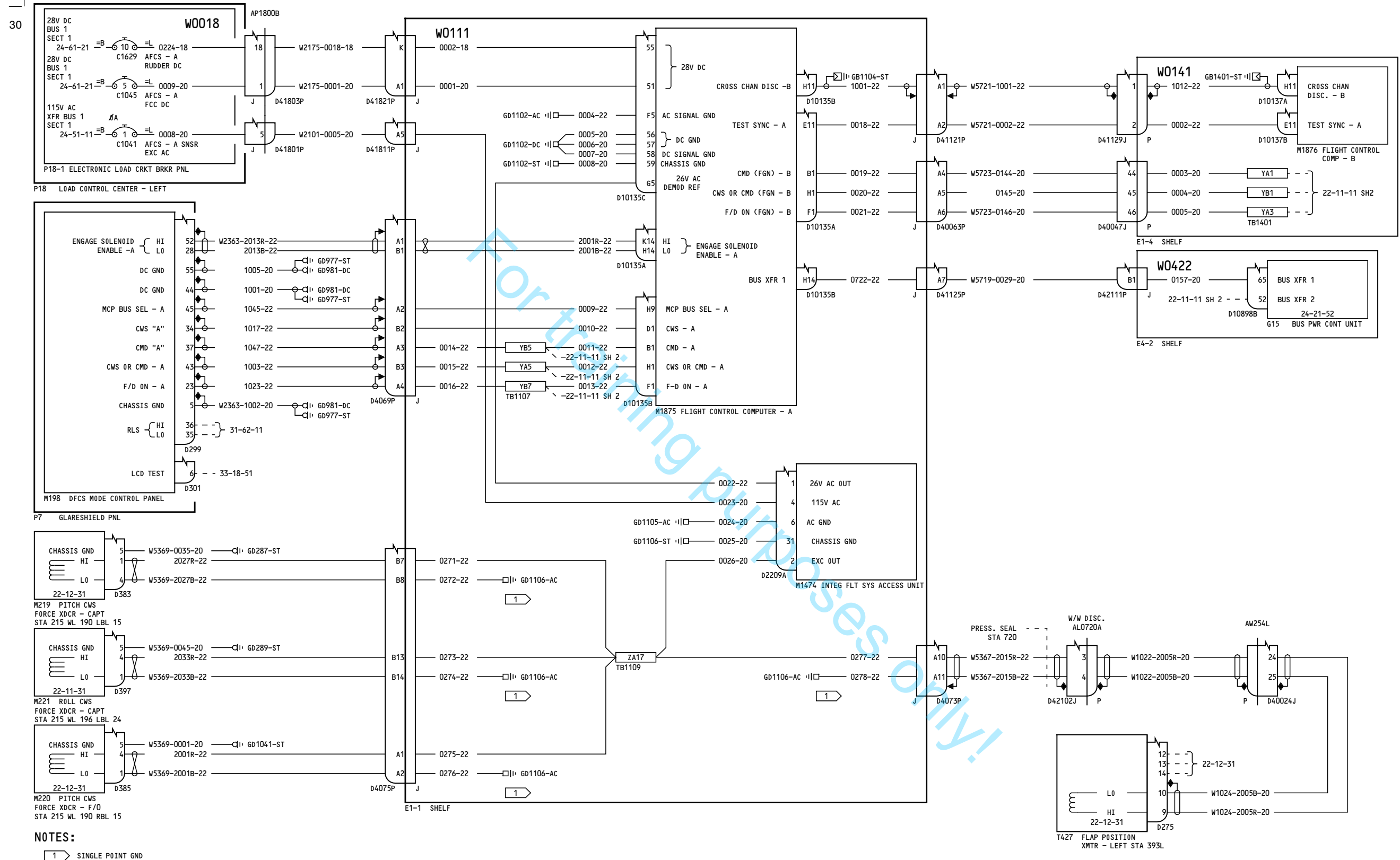
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YN236-YR328

**DFCS - A AND B FCC  
POWER AND 26V AC  
EXCITATION**

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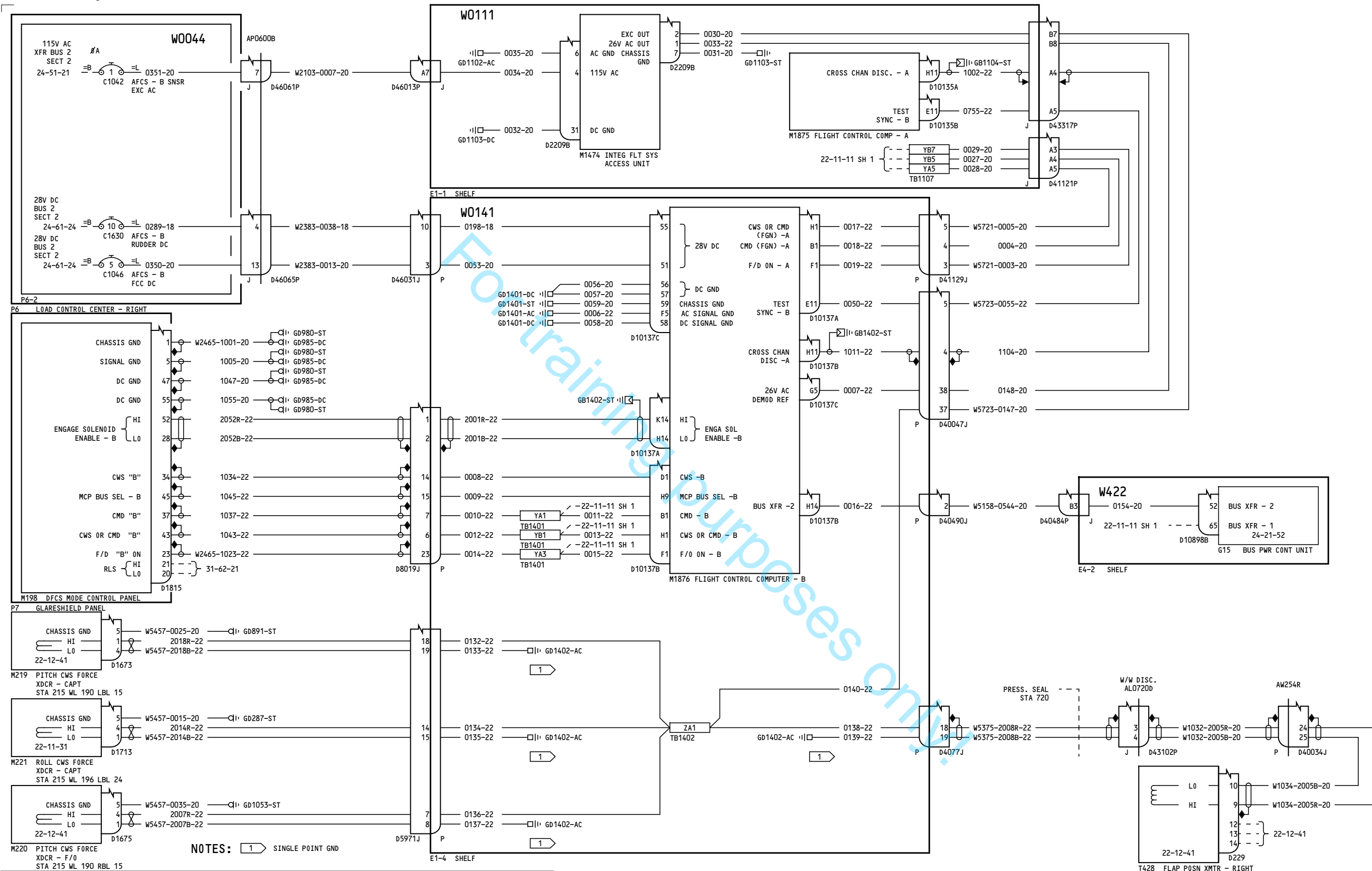
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YN236-YR328

DFCS - A AND B FCC  
POWER AND 26V AC  
EXCITATION

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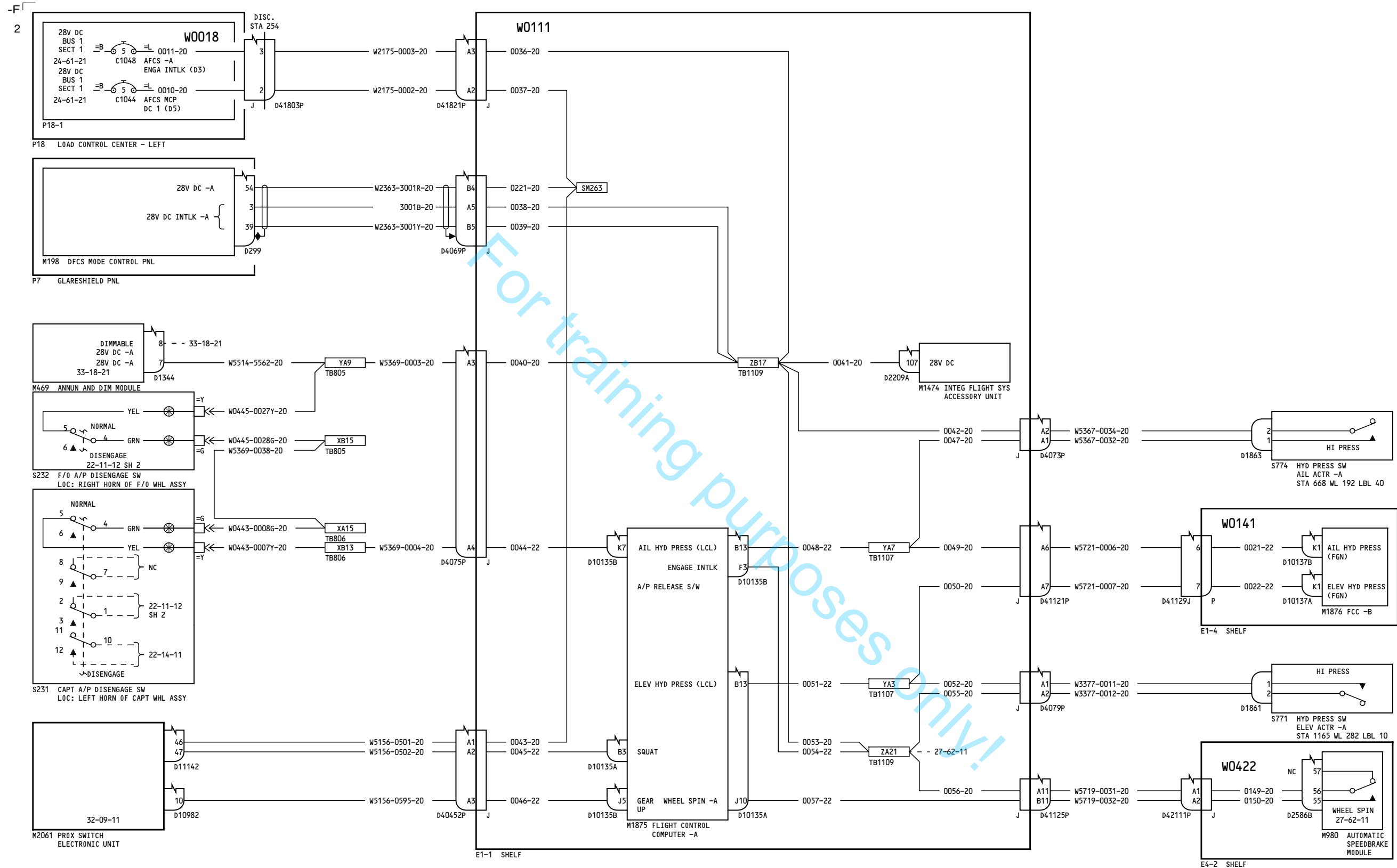
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YC051-YC052

## DFCS - A AND B SYSTEM INTERLOCKS

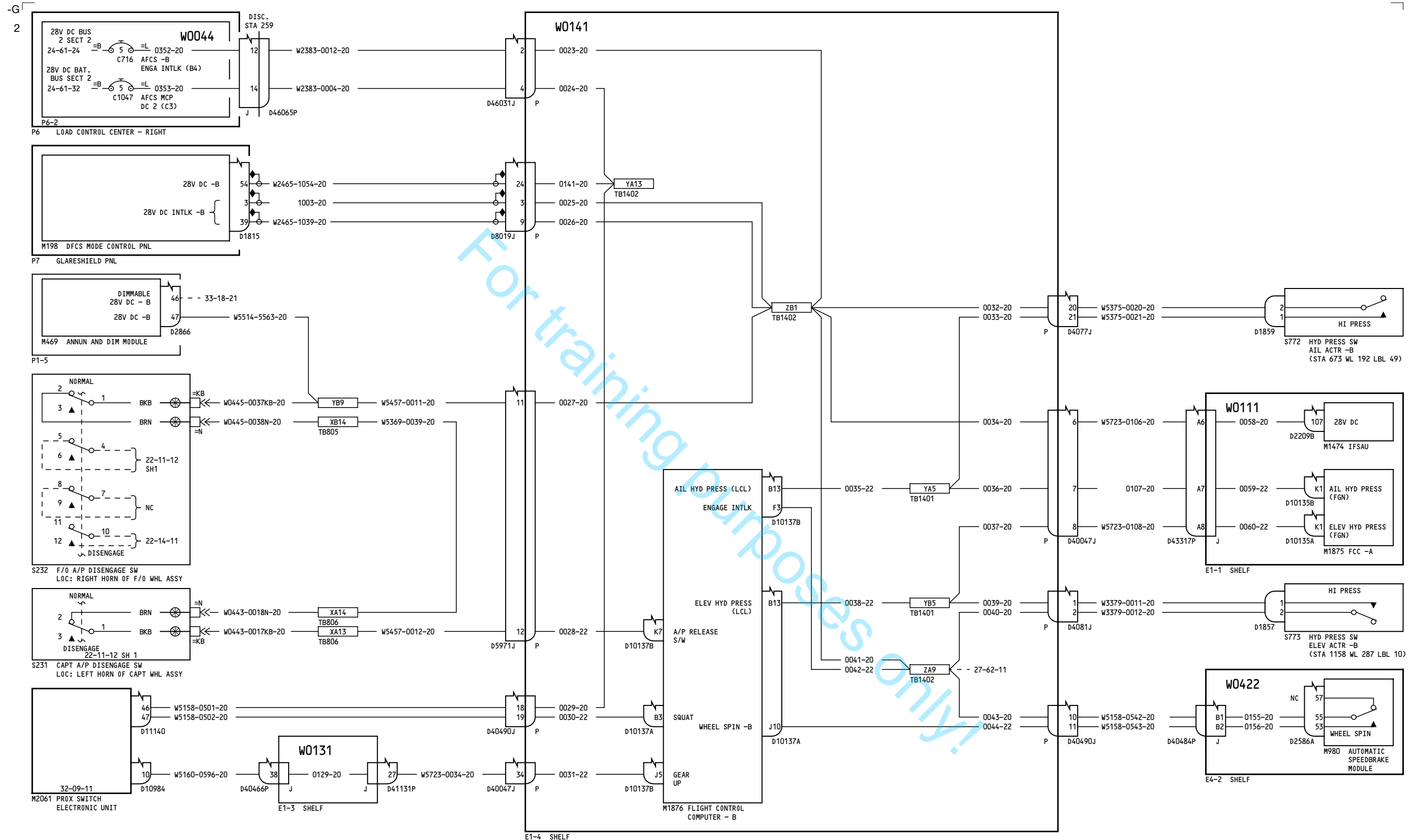
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YC051-YC052

## DFCS - A AND B SYSTEM INTERLOCKS

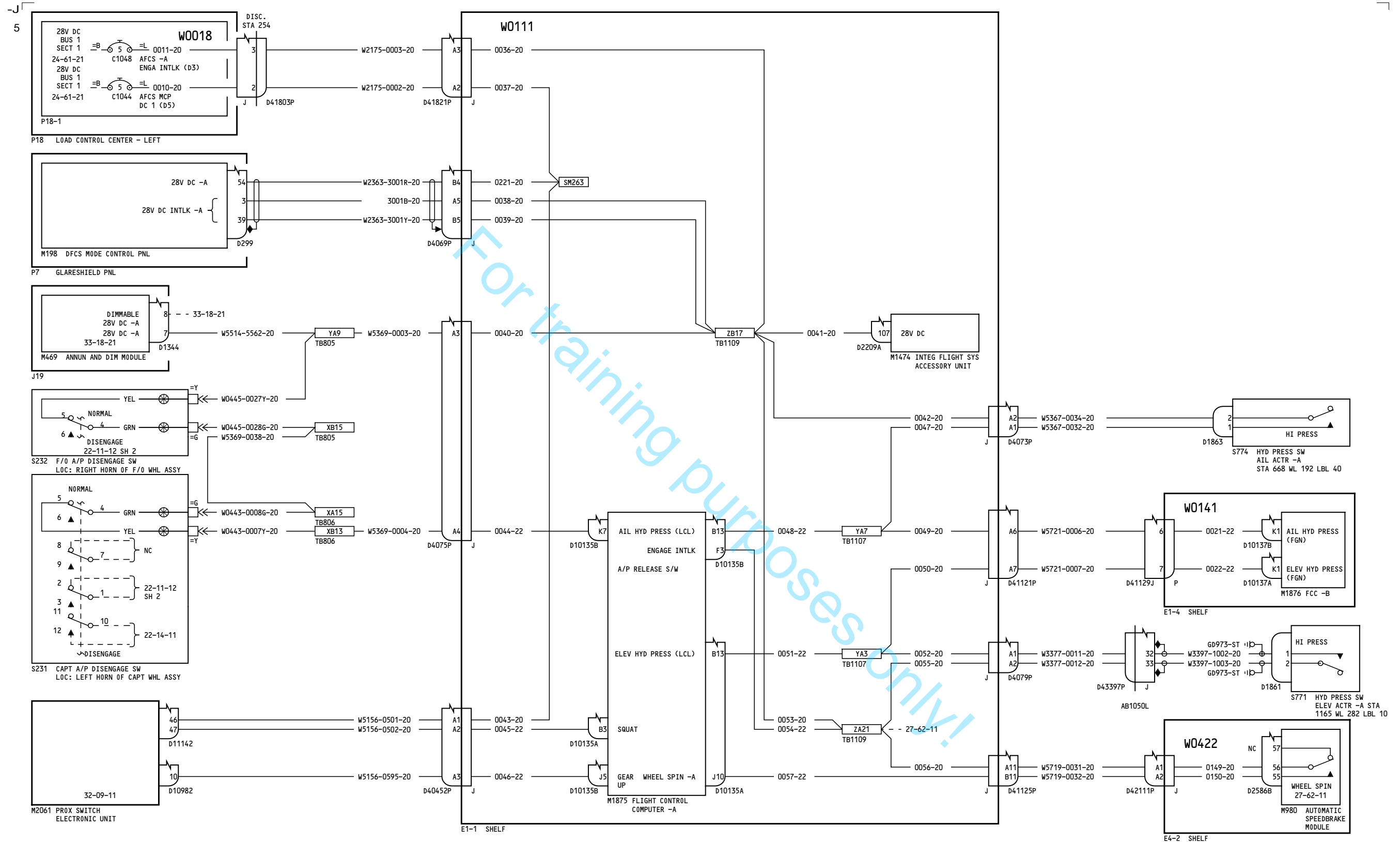
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YC053-YD155

## DFCS - A AND B SYSTEM INTERLOCKS

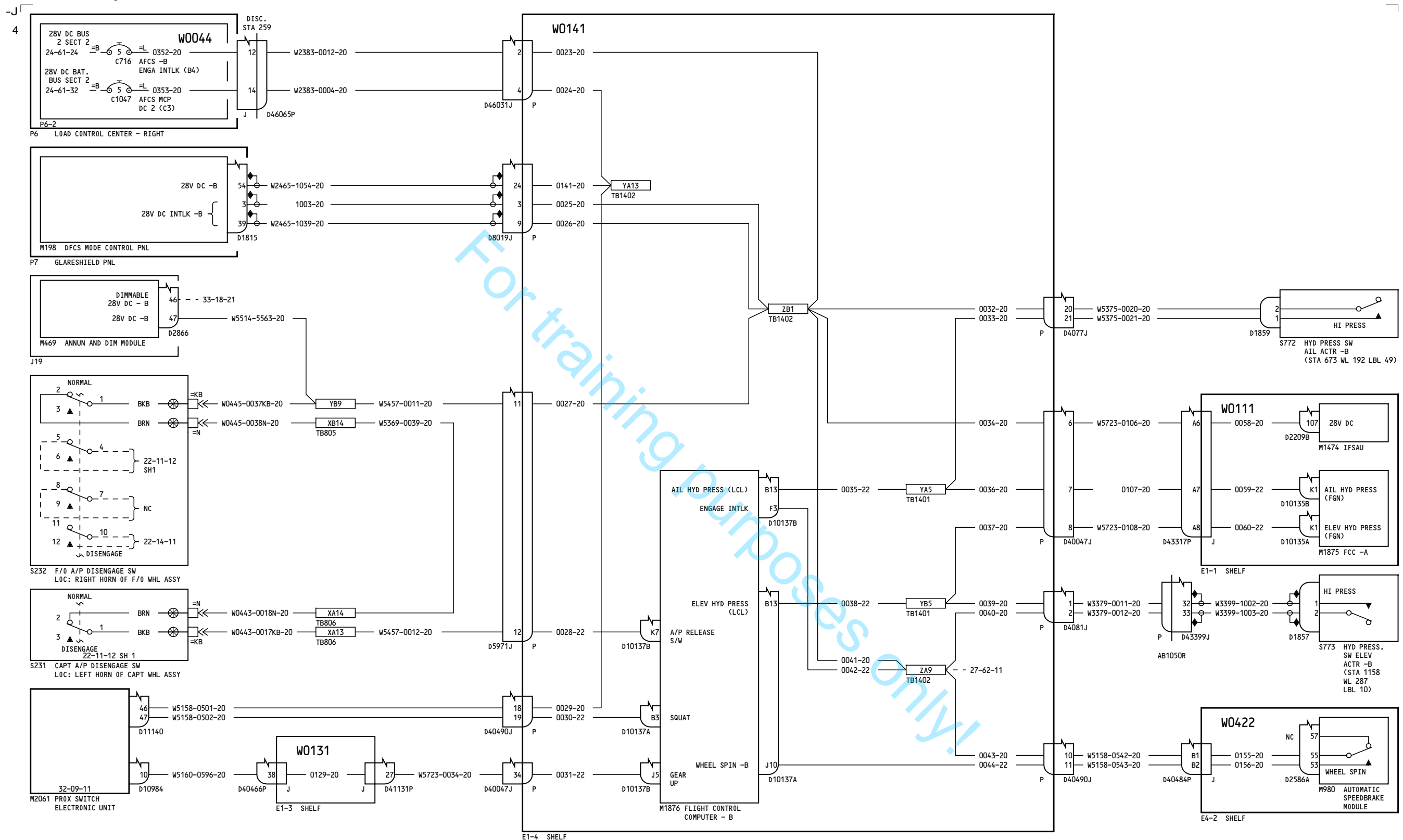
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YC053-YD155

## DFCS - A AND B SYSTEM INTERLOCKS

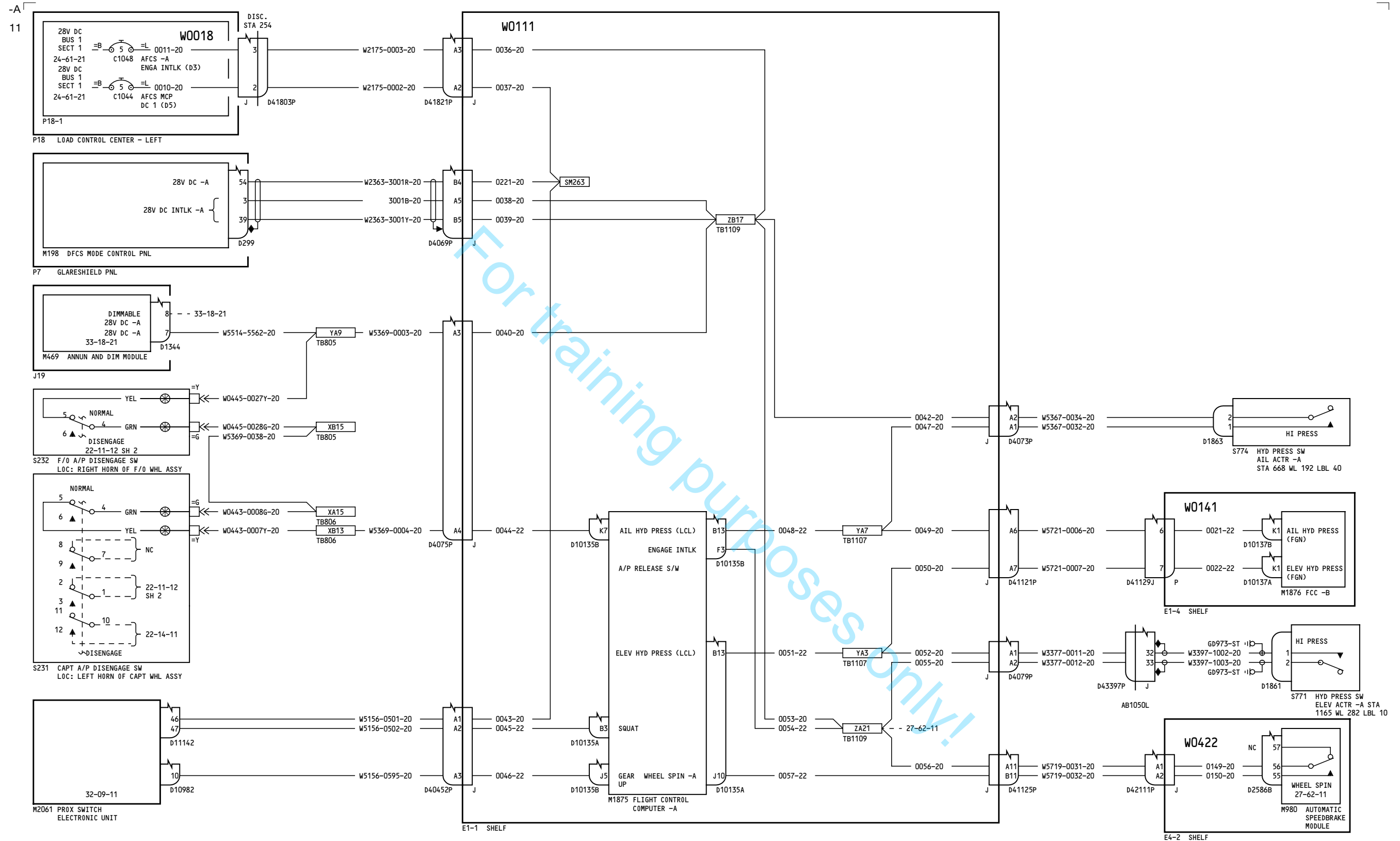
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YD157

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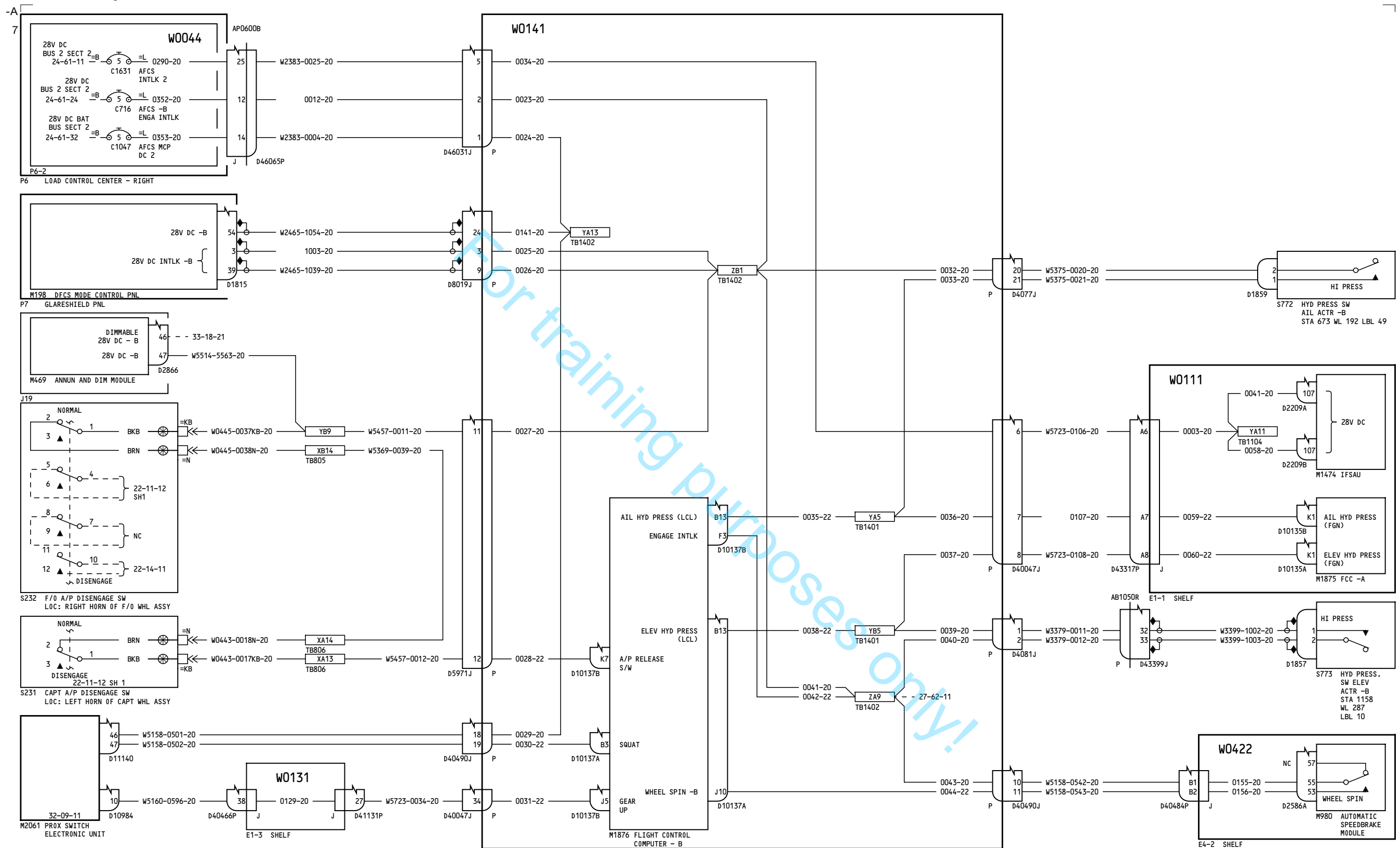
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YD157

DFCS - A AND B SYSTEM INTERLOCKS

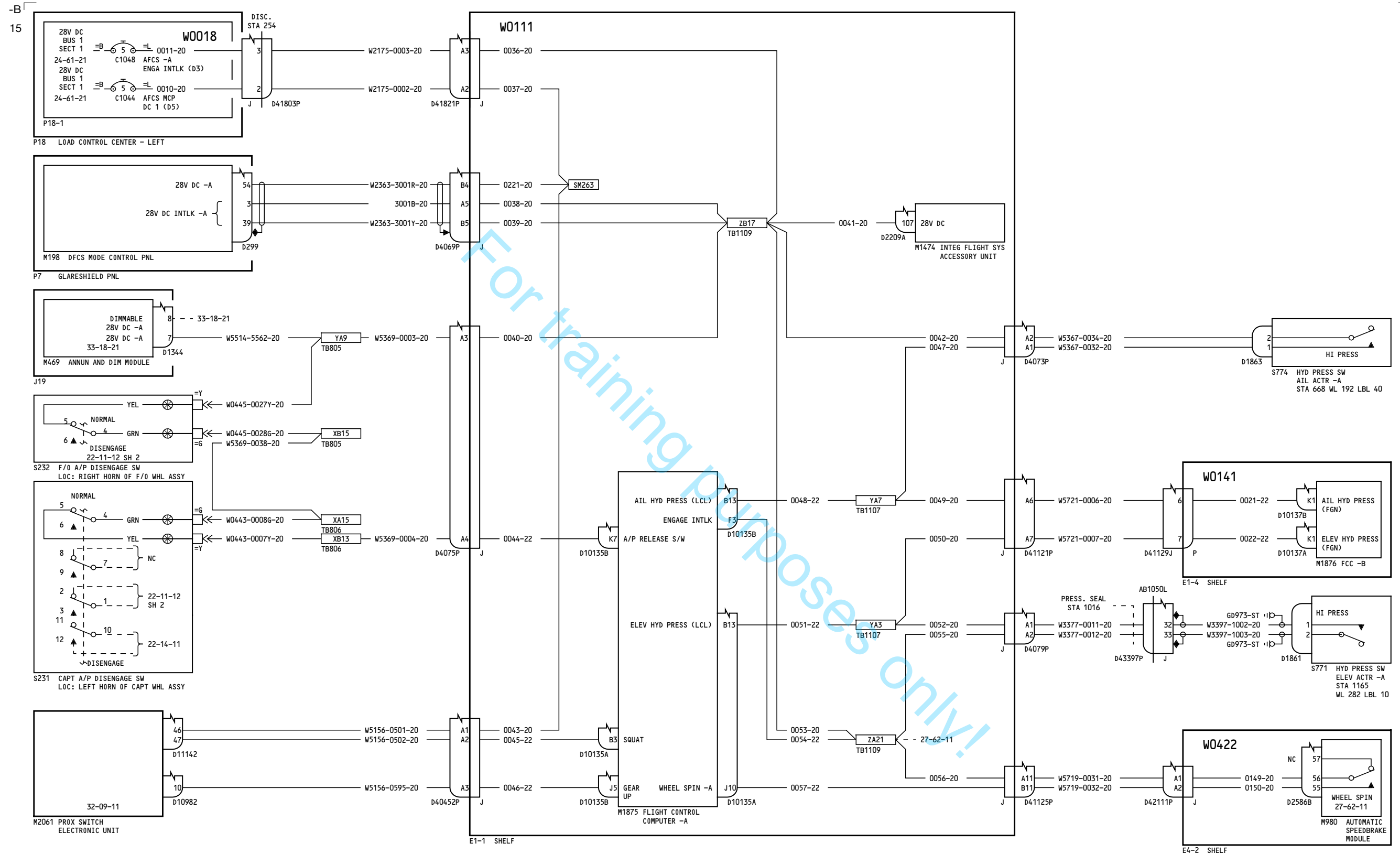
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YD158-YR328

## DFCS - A AND B SYSTEM INTERLOCKS

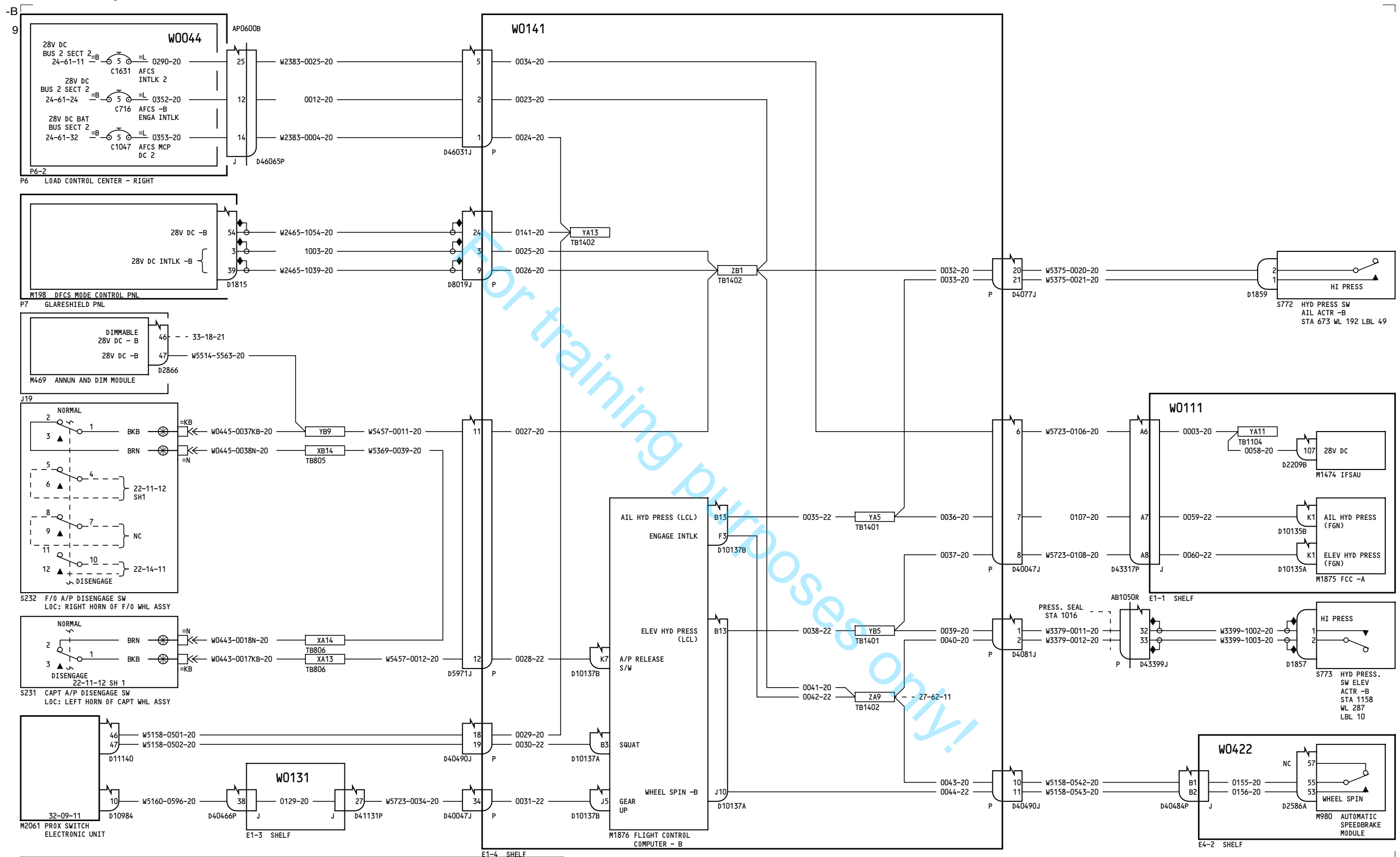
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YD158-YR328

## DFCS - A AND B SYSTEM INTERLOCKS

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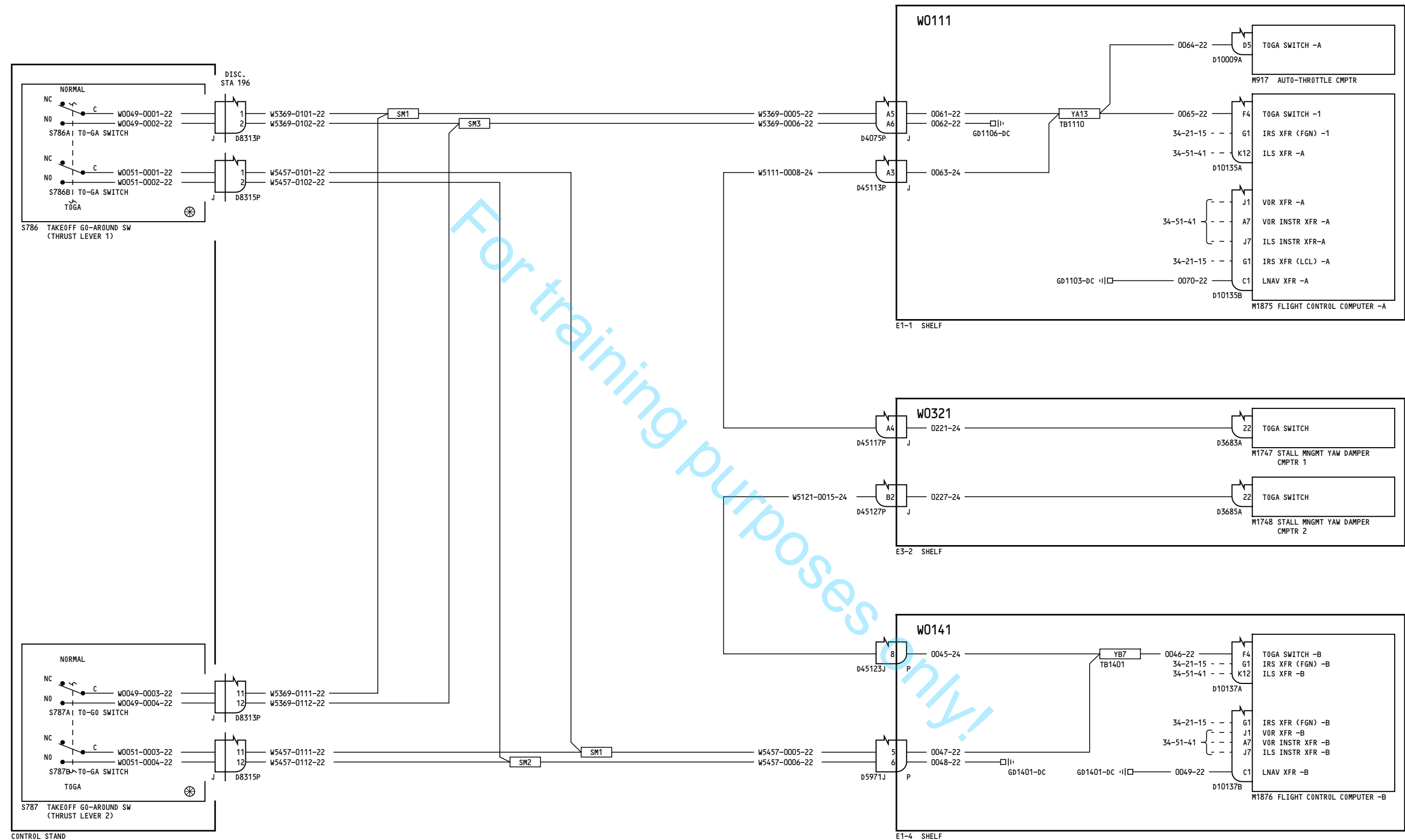
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YC051-YD155

## DFCS - INTERSYSTEM SWITCHING

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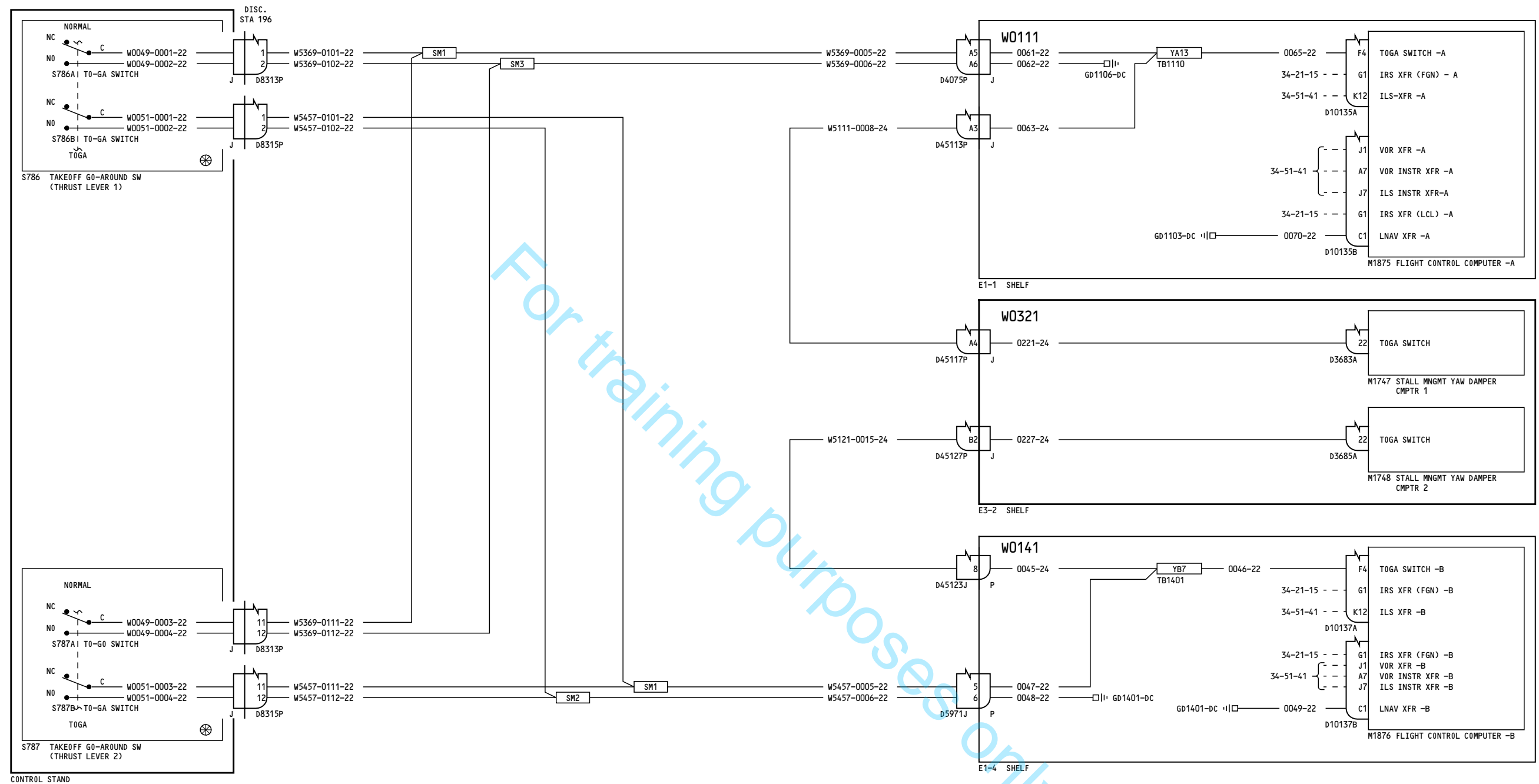
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YD157-YR328

DFCS - INTERSYSTEM  
SWITCHING

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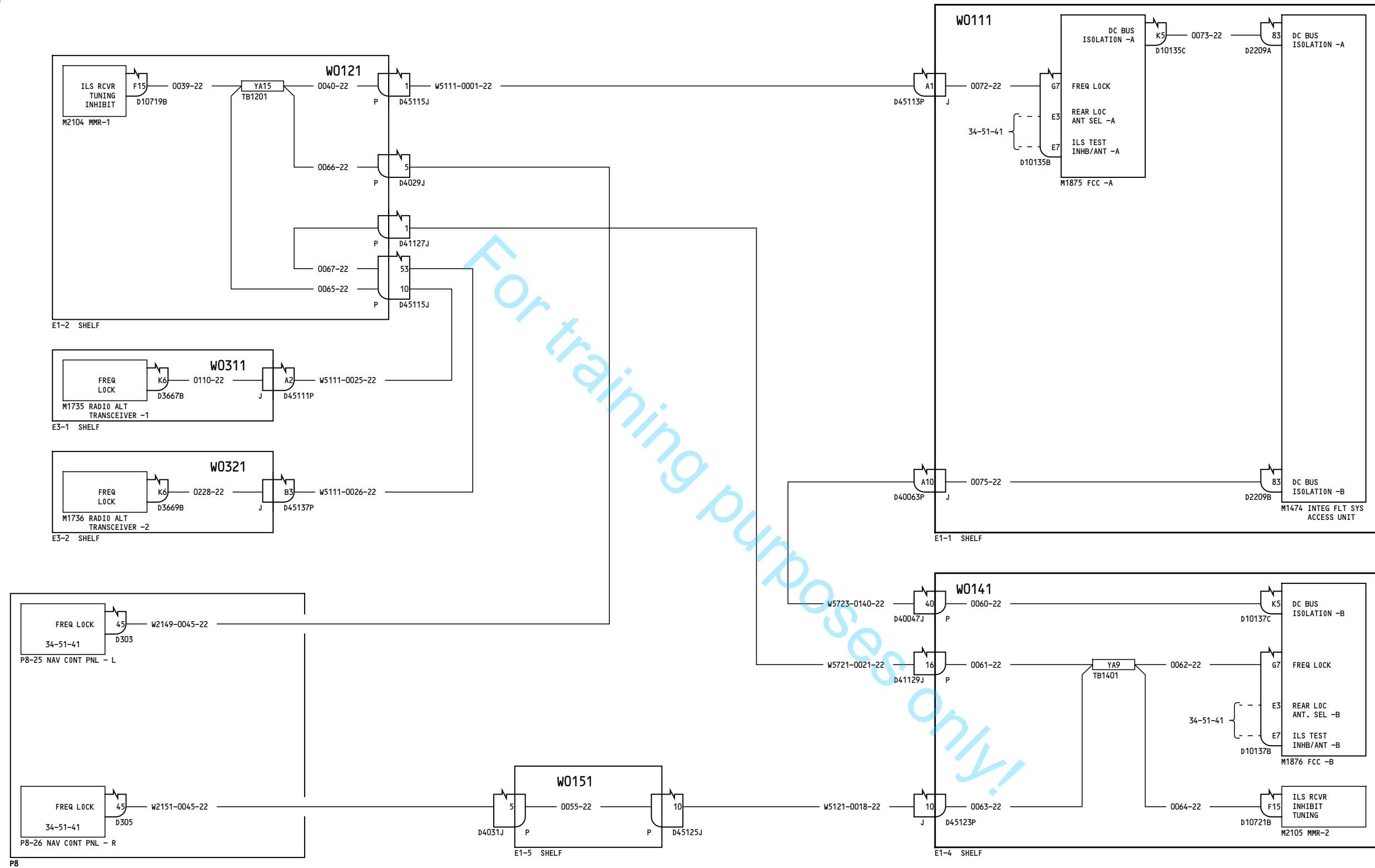
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ALL

DFCS INTERSYSTEM  
SWITCHING - VHF NAV  
ANTENNAS

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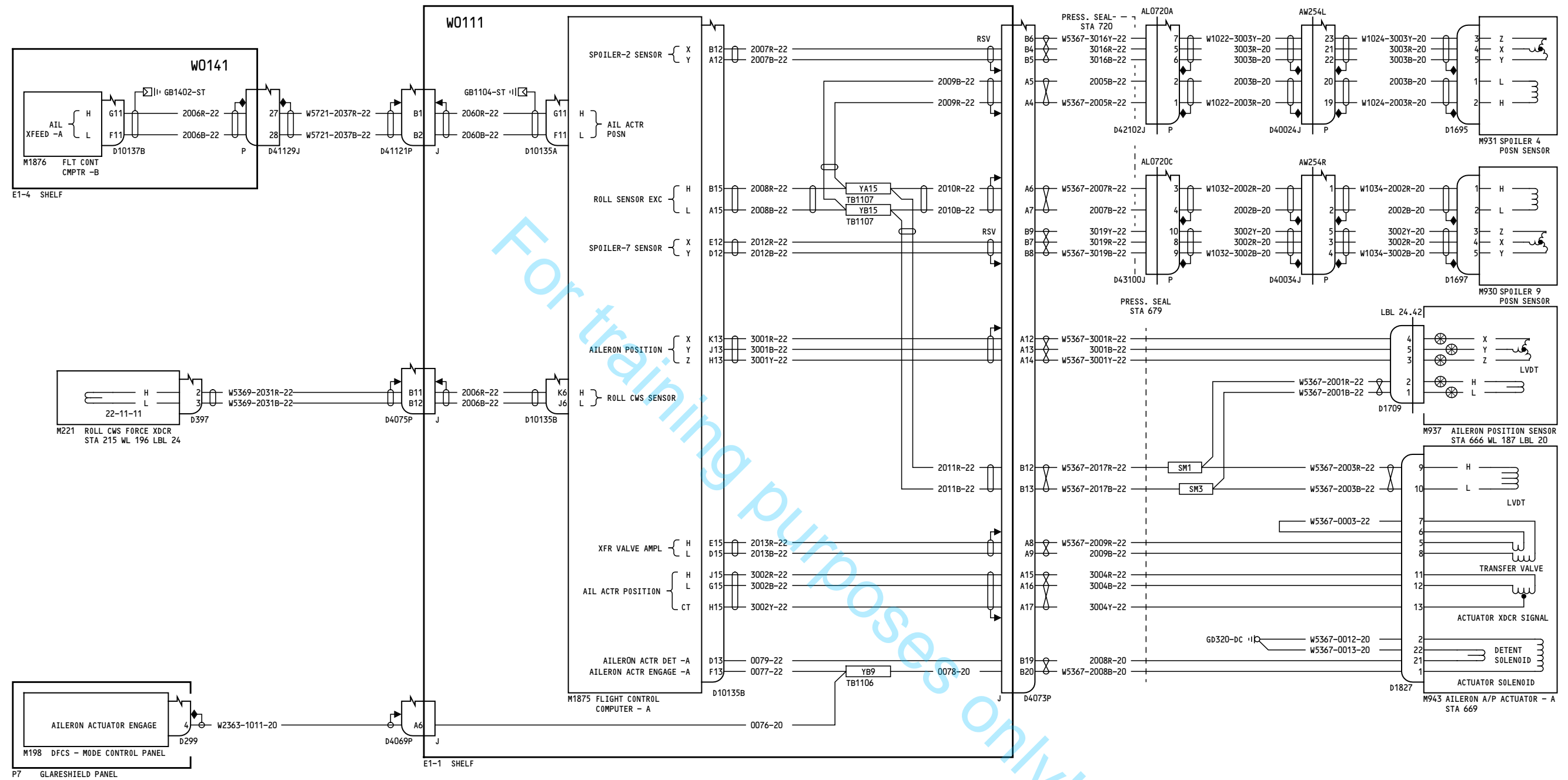
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YC051-YC052

**DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS**

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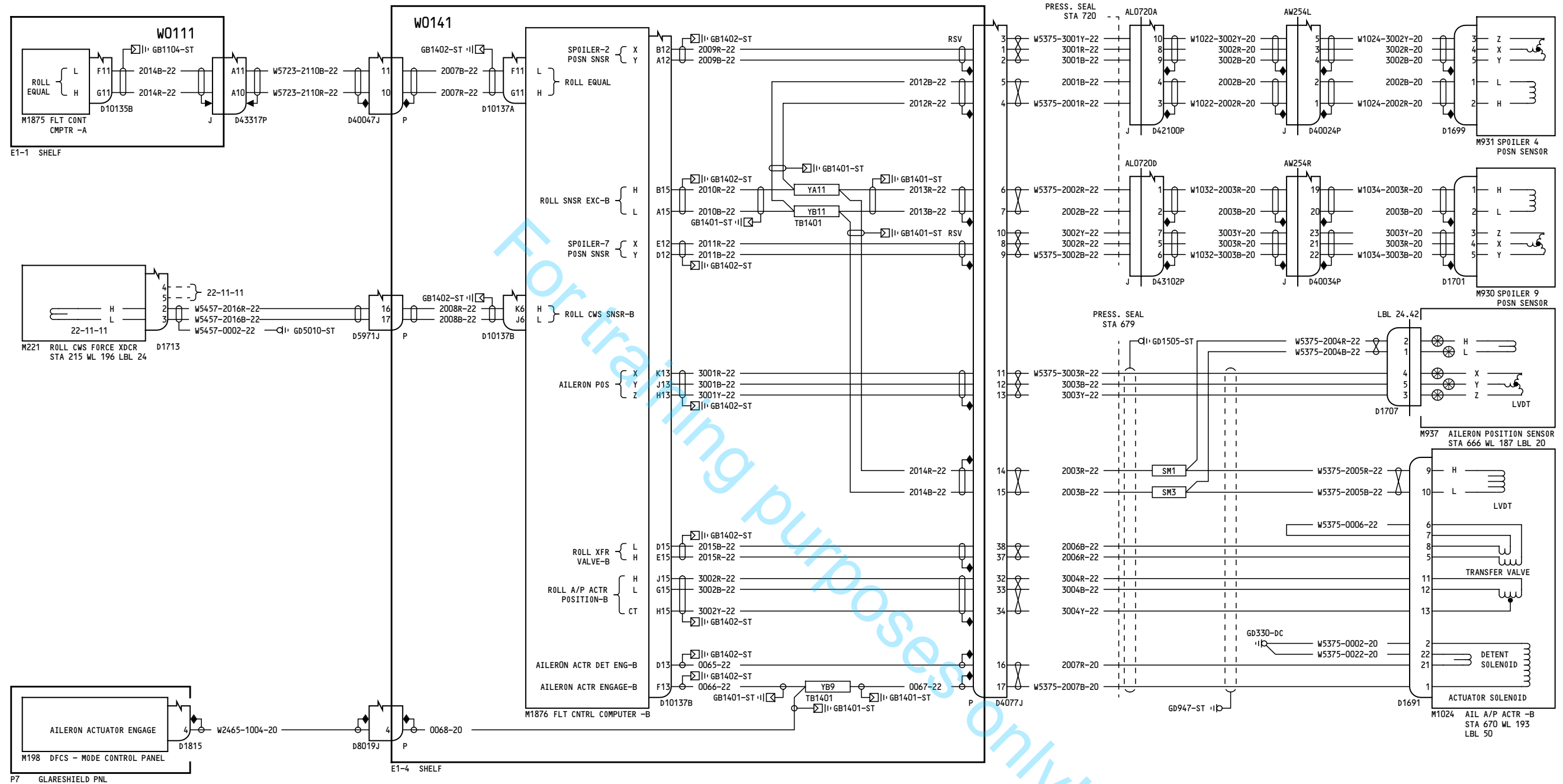
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YC051-YC052

DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS

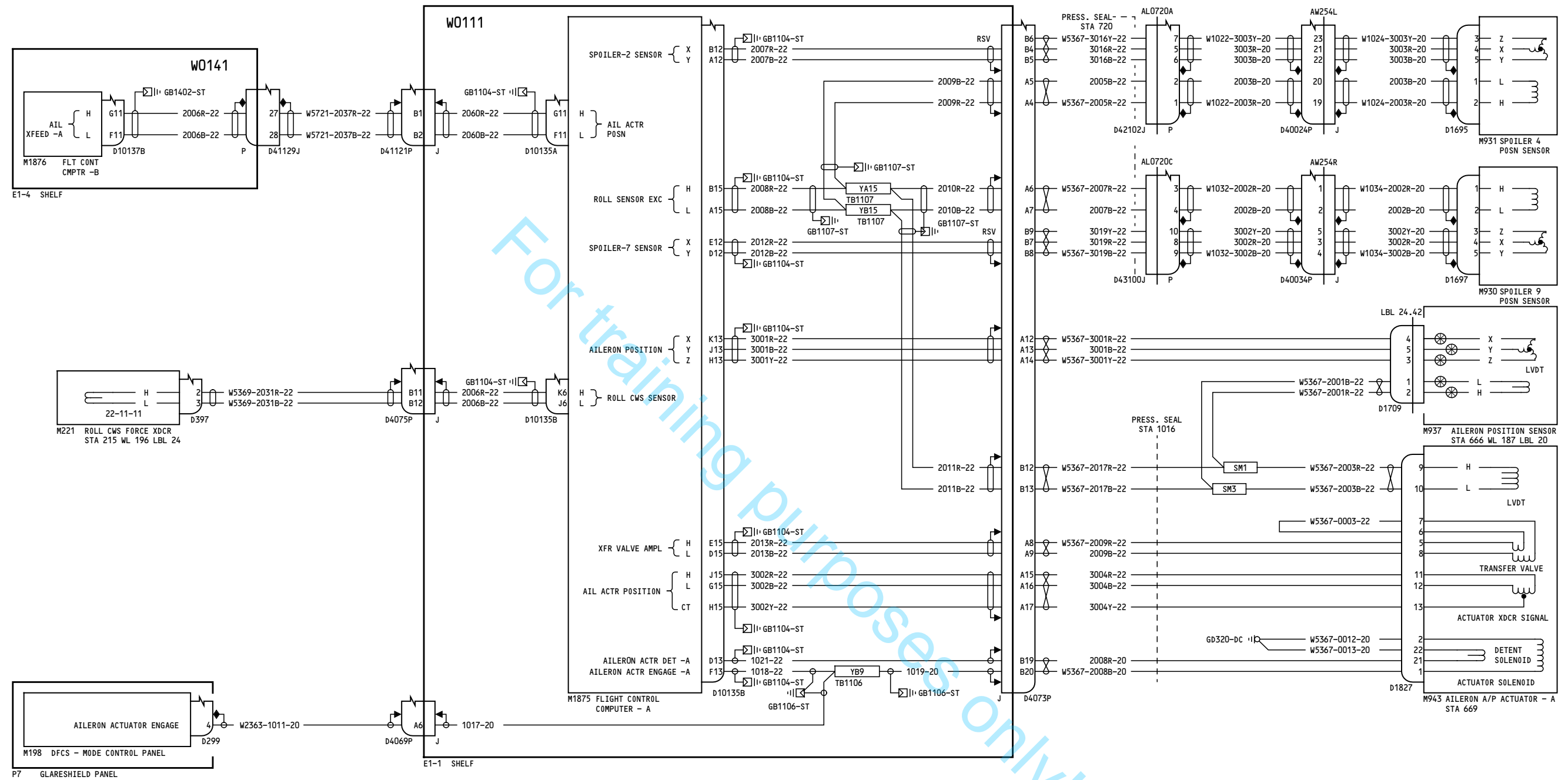
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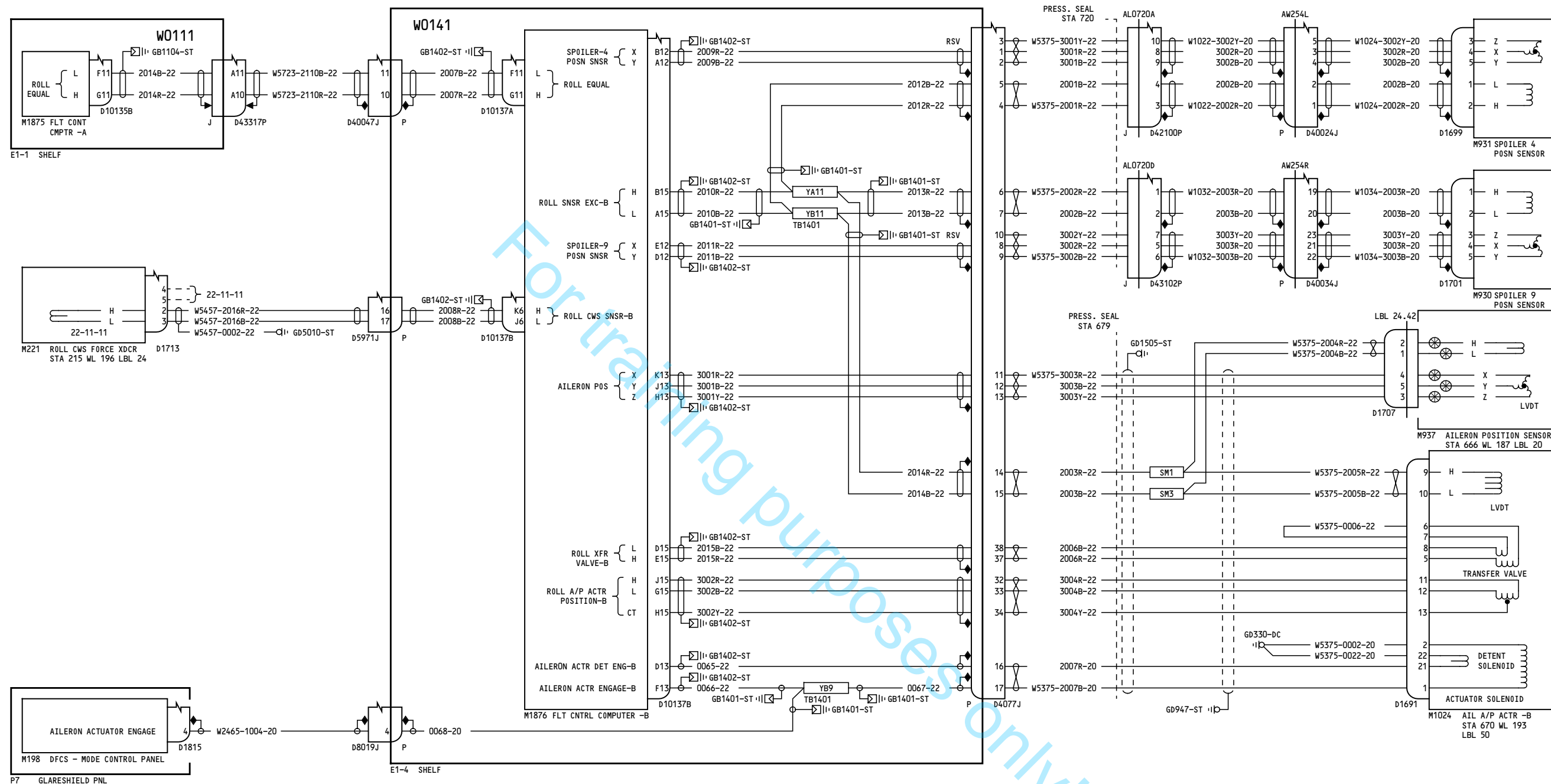
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YC053-YD155

**DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS**

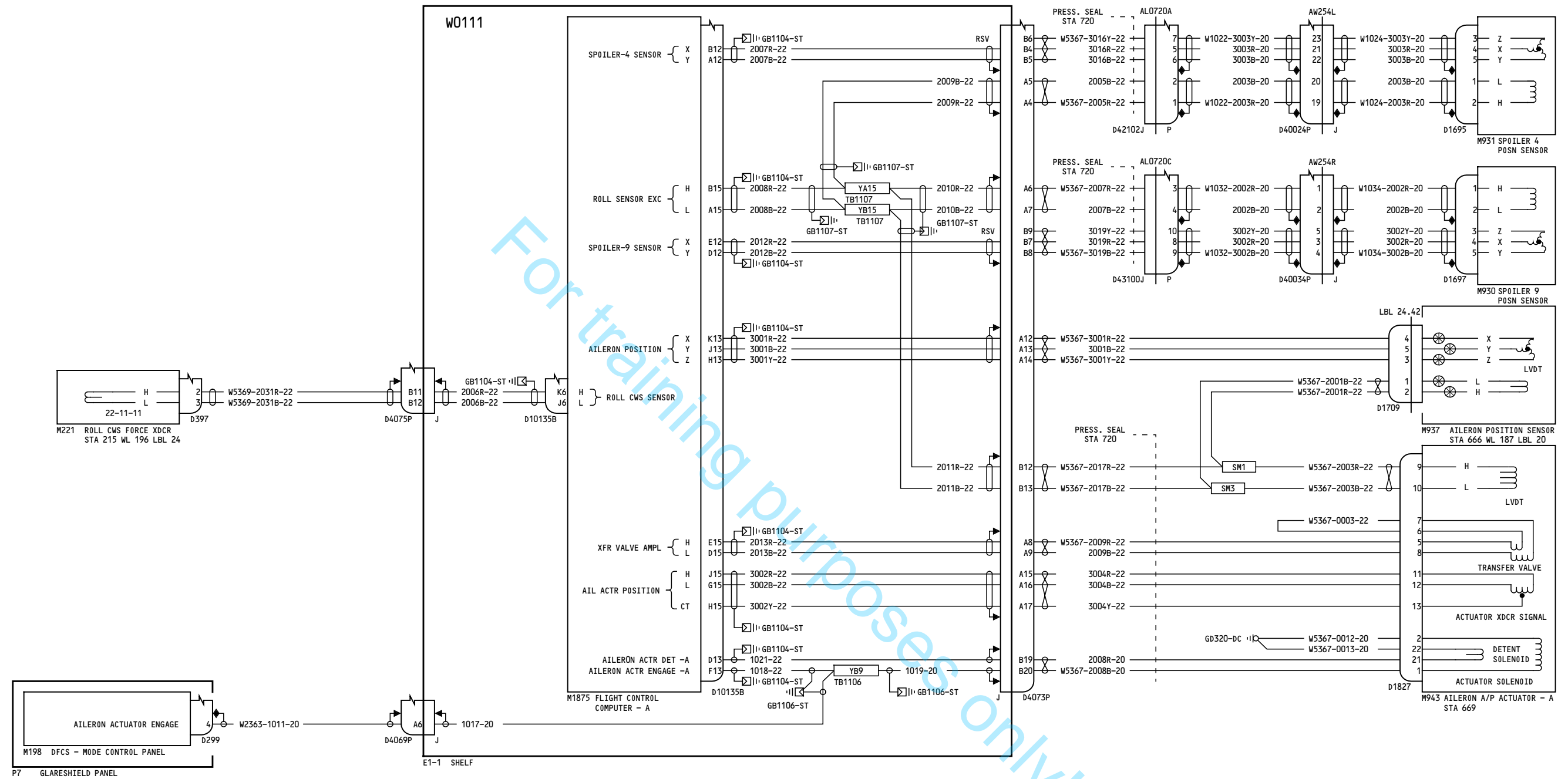
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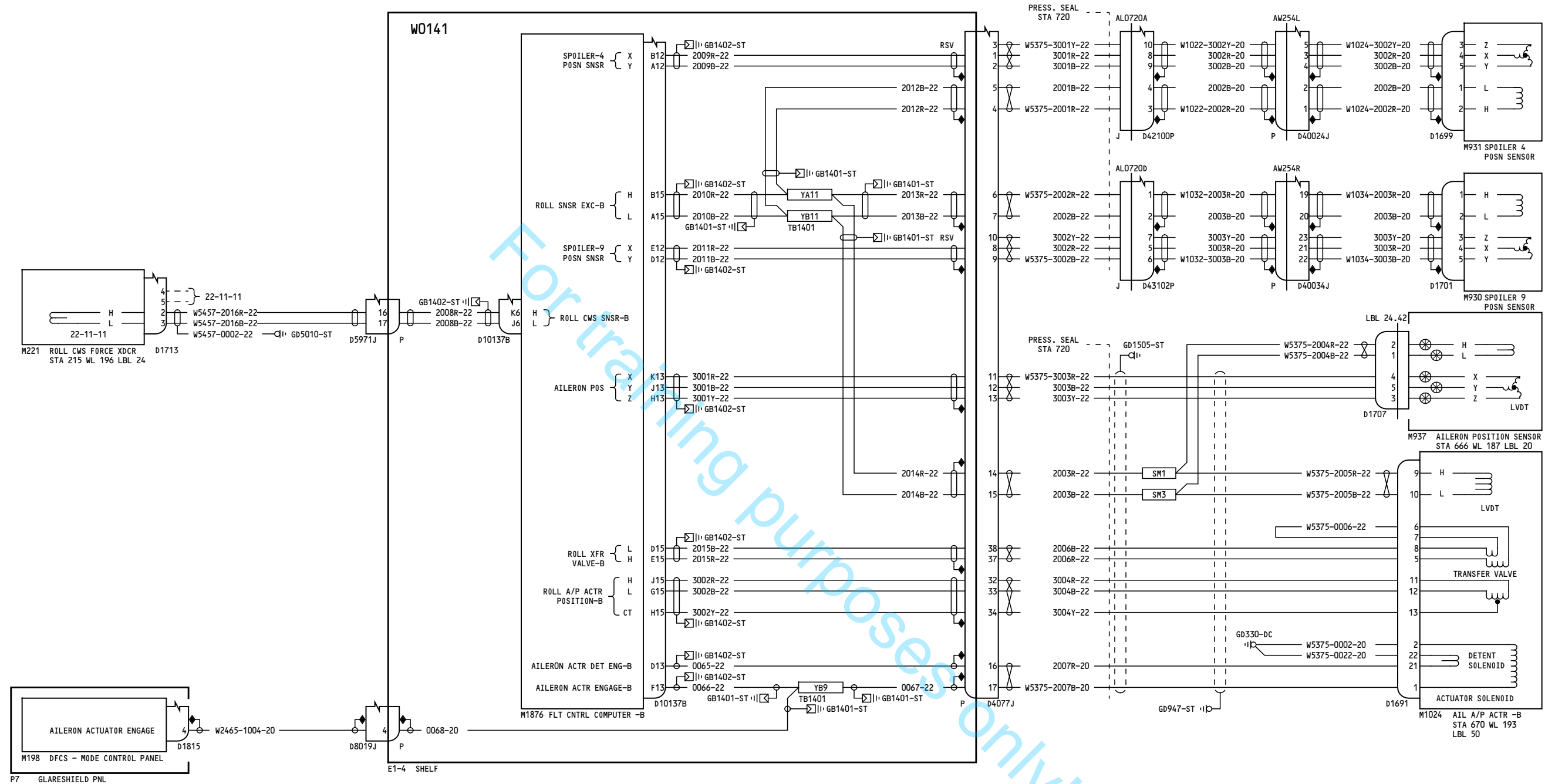
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YD157-YD158

**DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS**

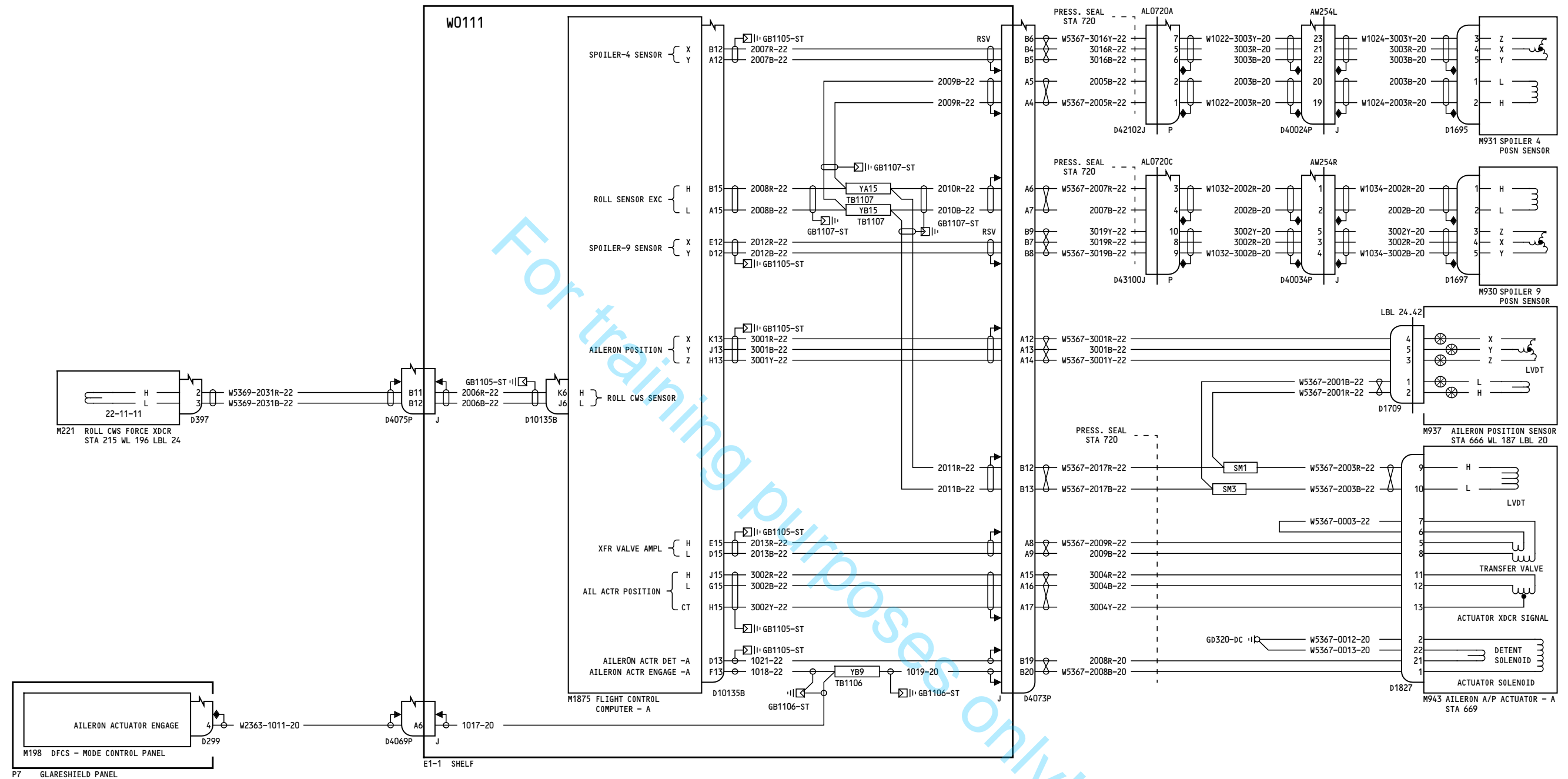
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YL951-YN236, YN501-YR314

**DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS**

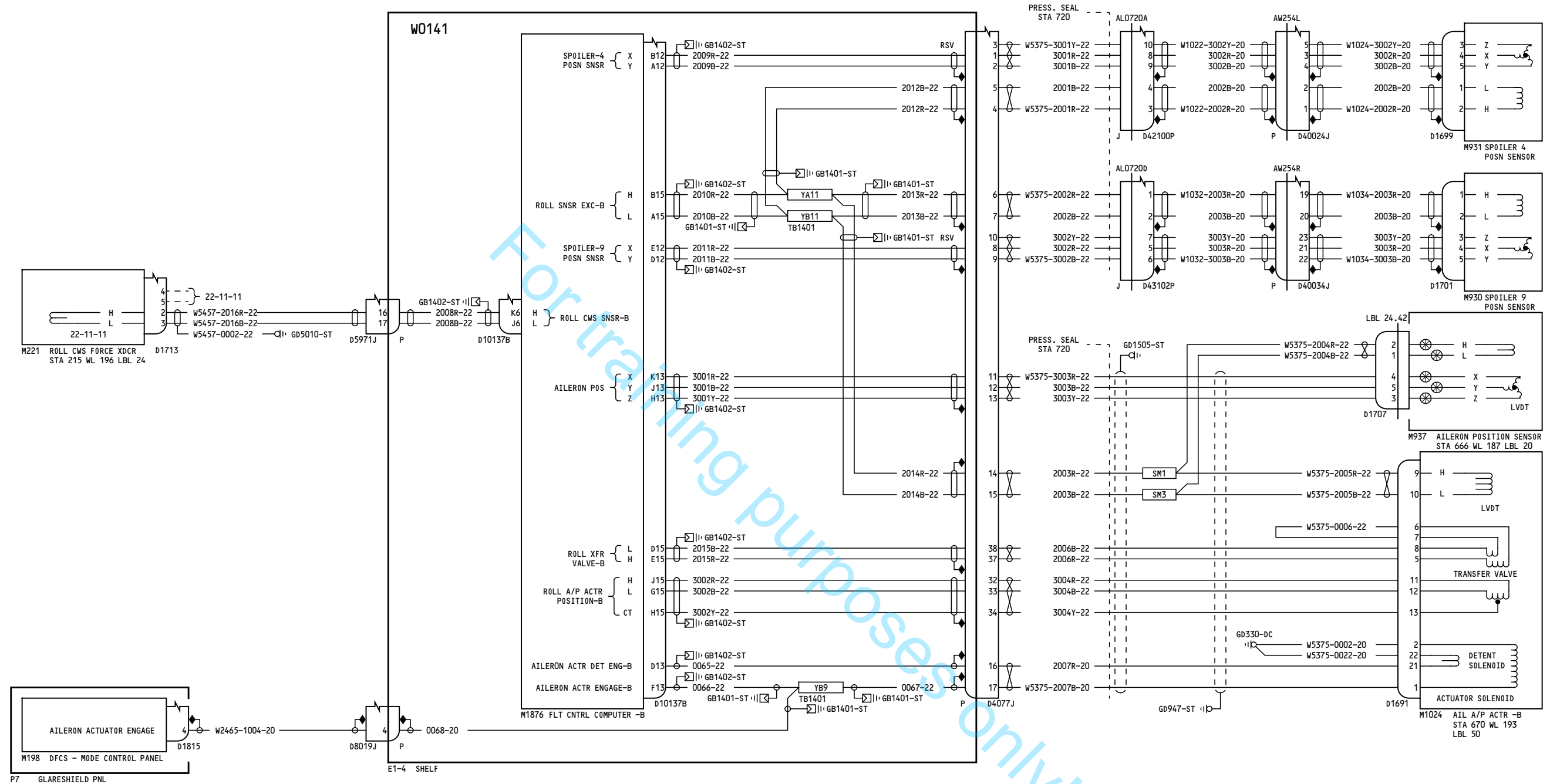
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YL951-YN236, YN501-YR314

**DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS**

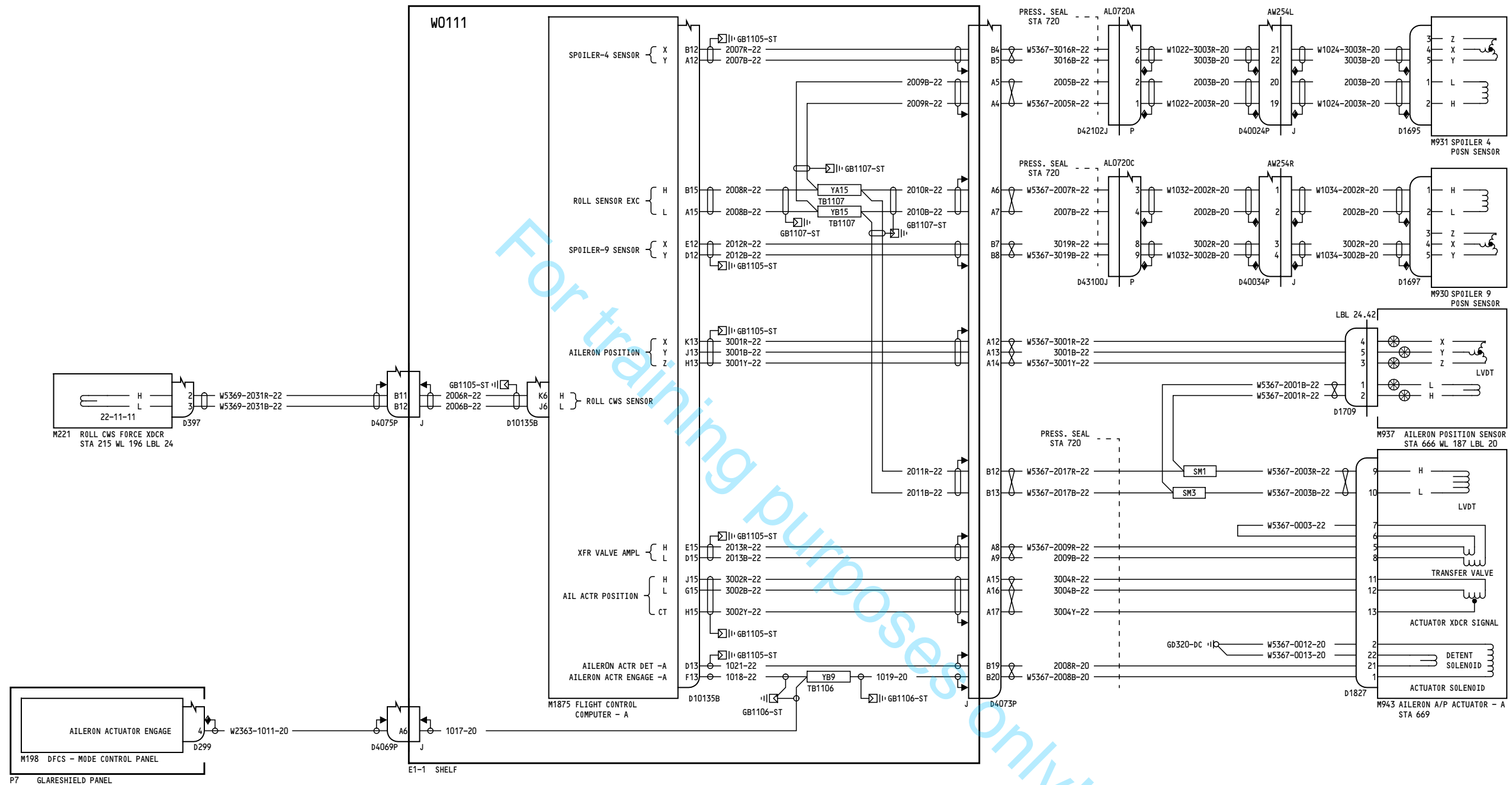
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YR315-YR328

DFCS - A AND B A/P  
ROLL SENSORS AND  
ACTUATORS

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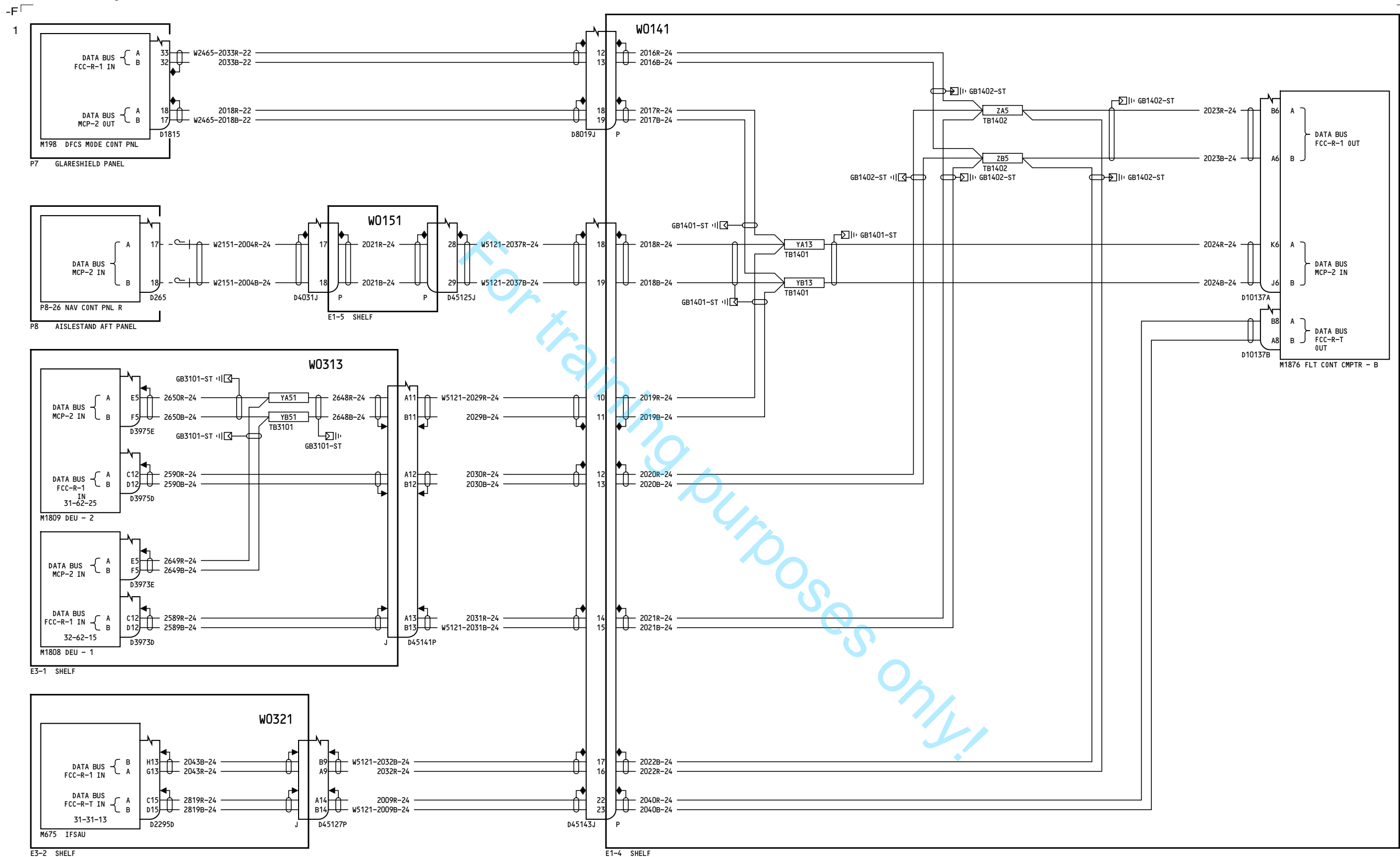
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YC051-YC052

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

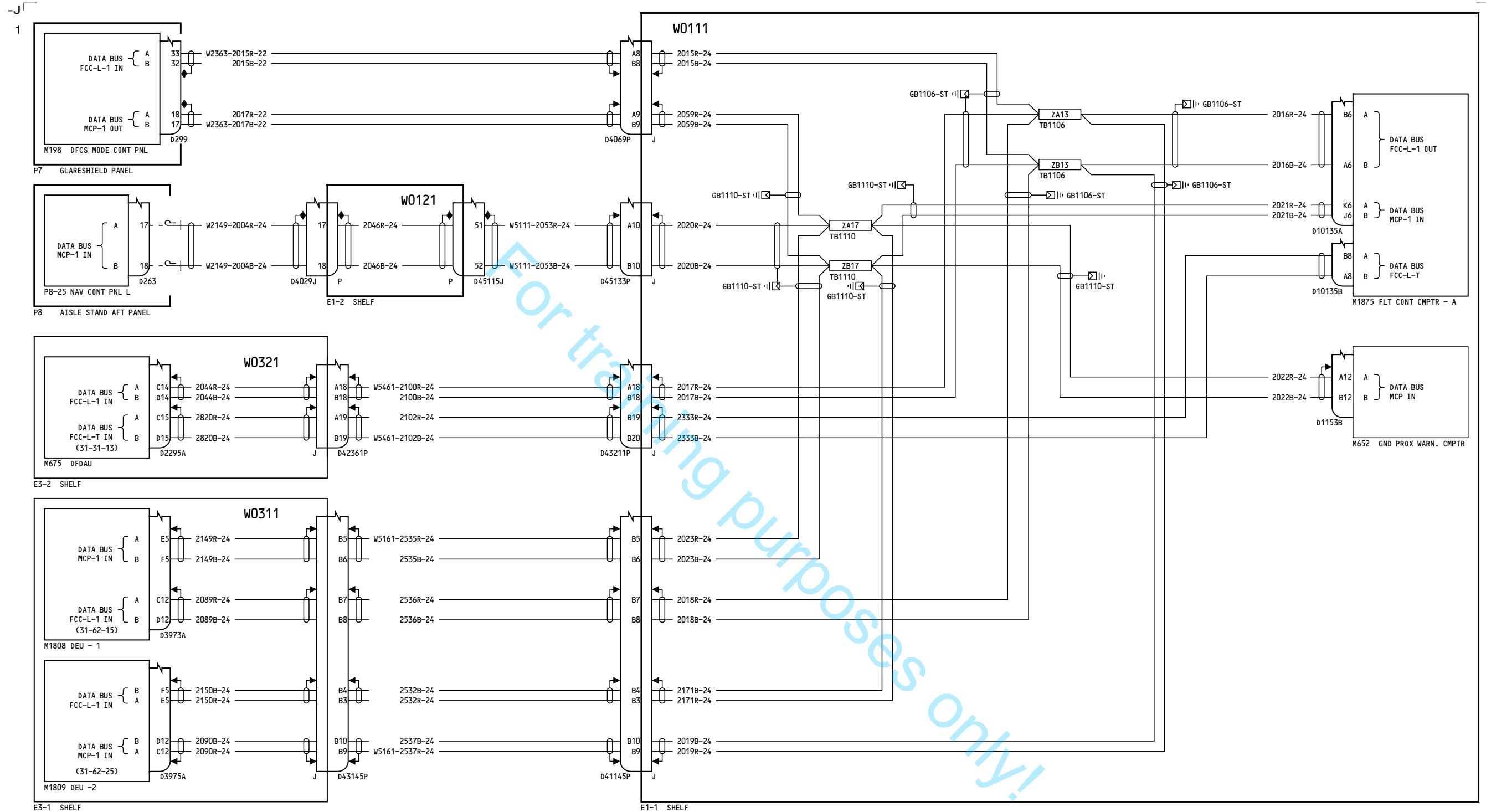
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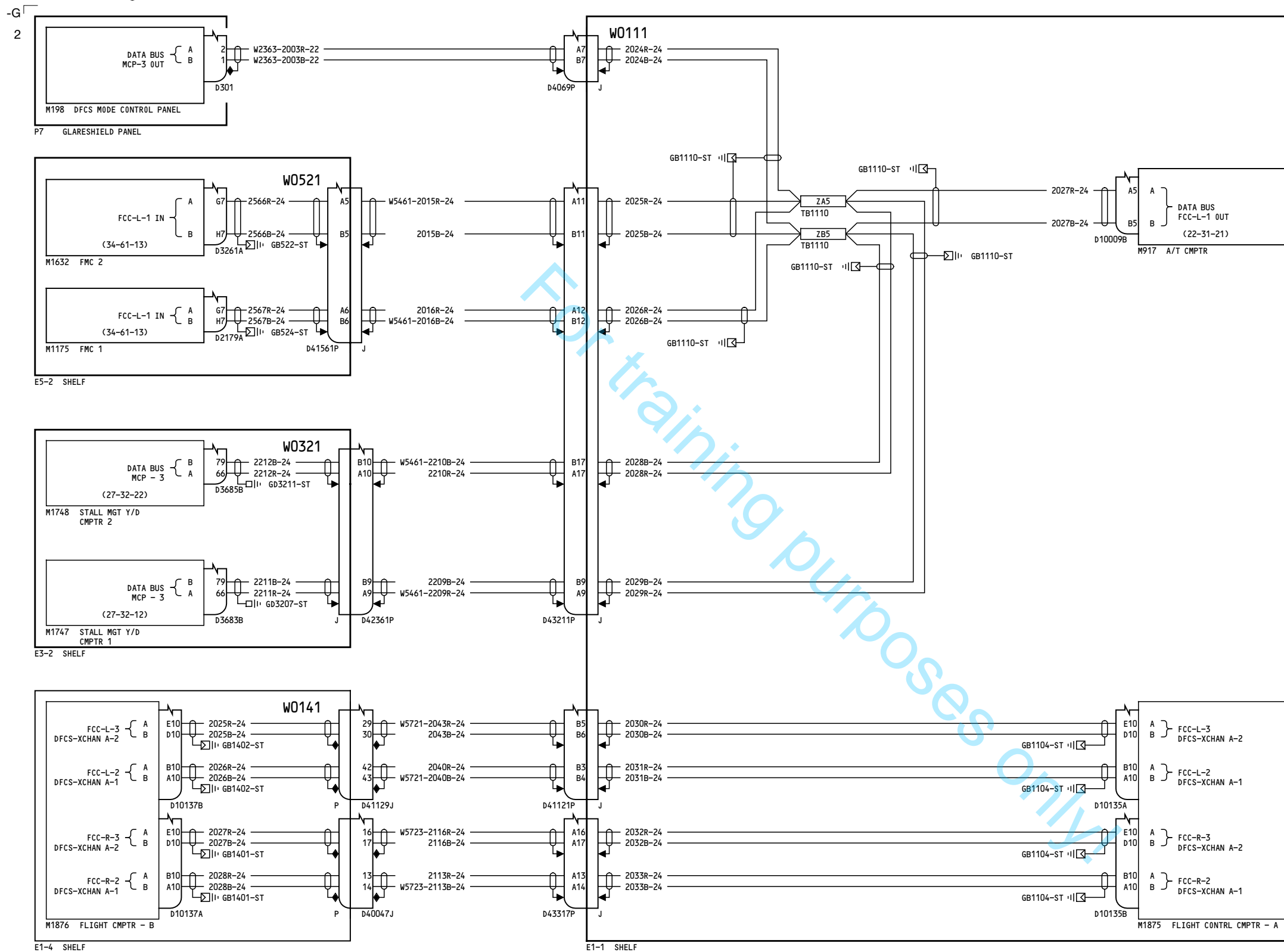
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YC051-YC052

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INTERFACES - OUTPUT

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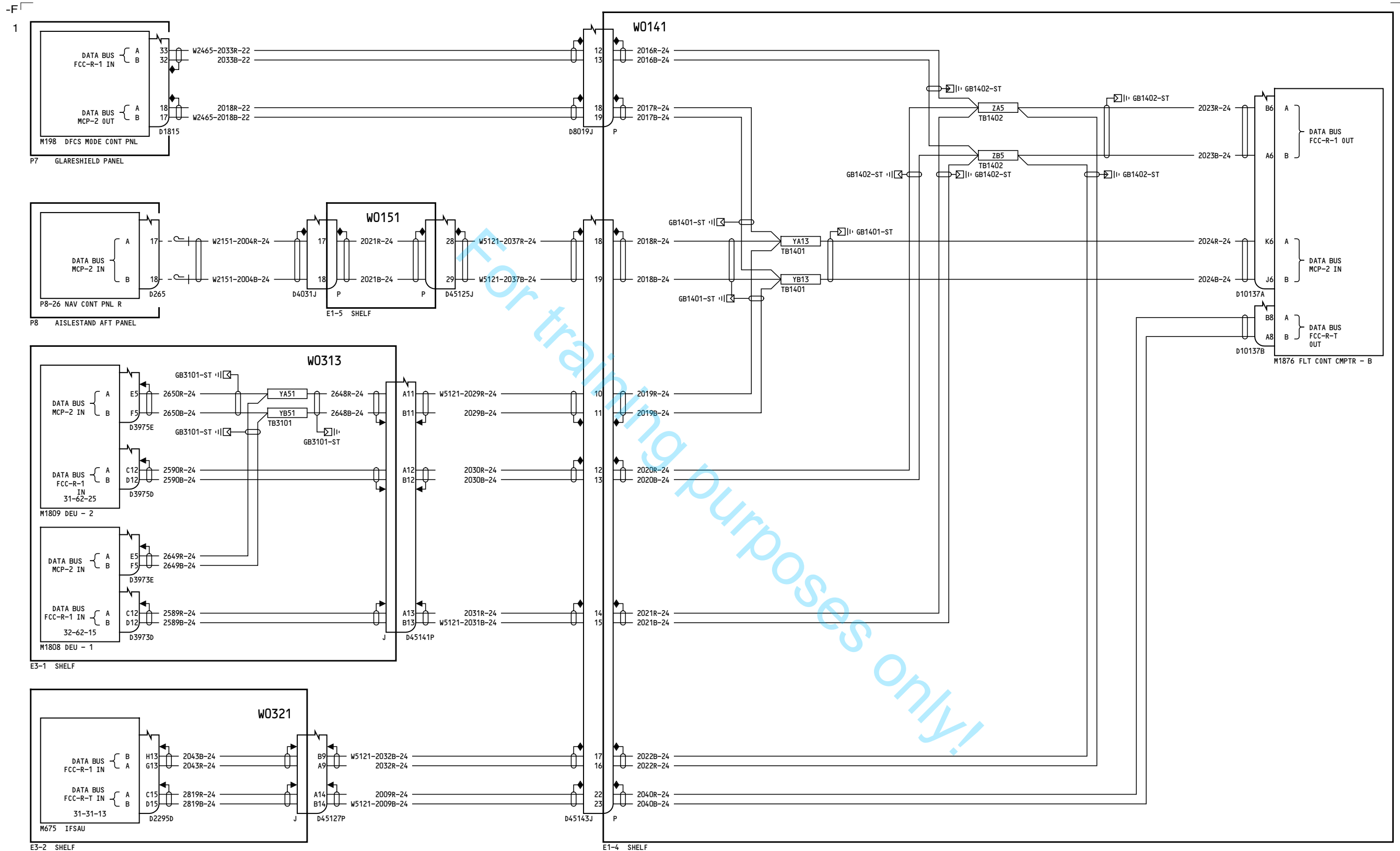
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YC053-YD155

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

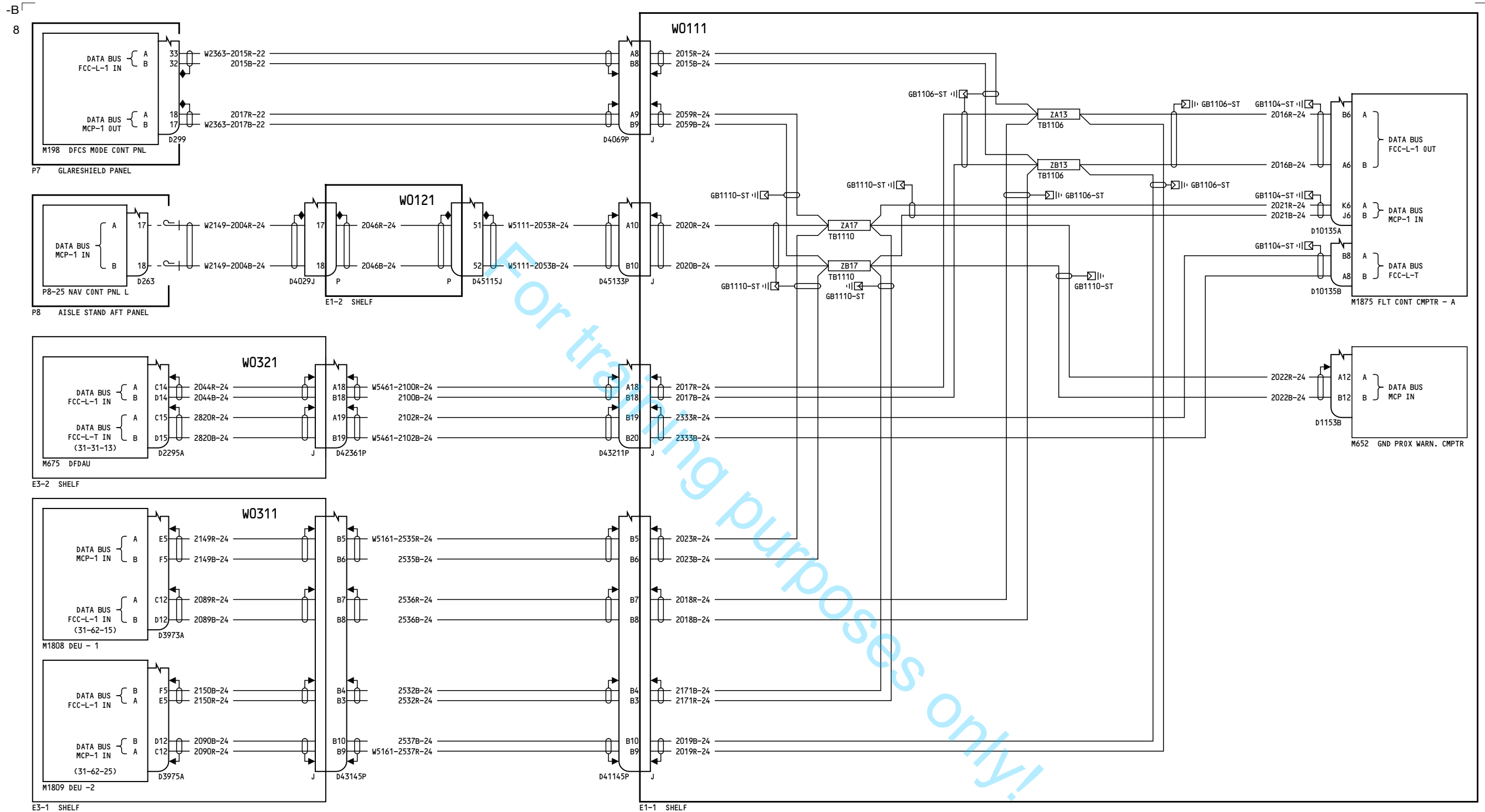
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YC053-YD155

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

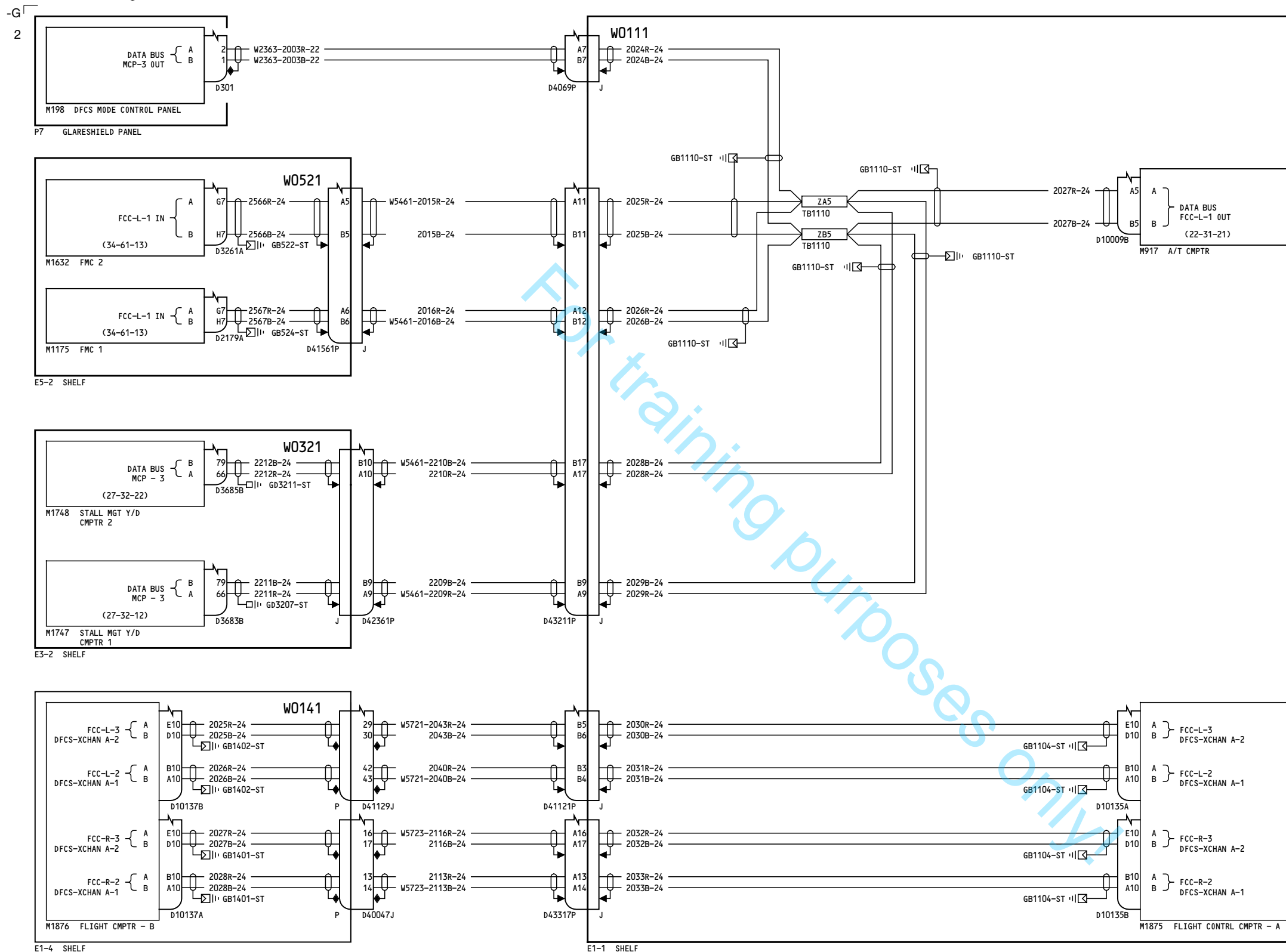
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YC053-YD155

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

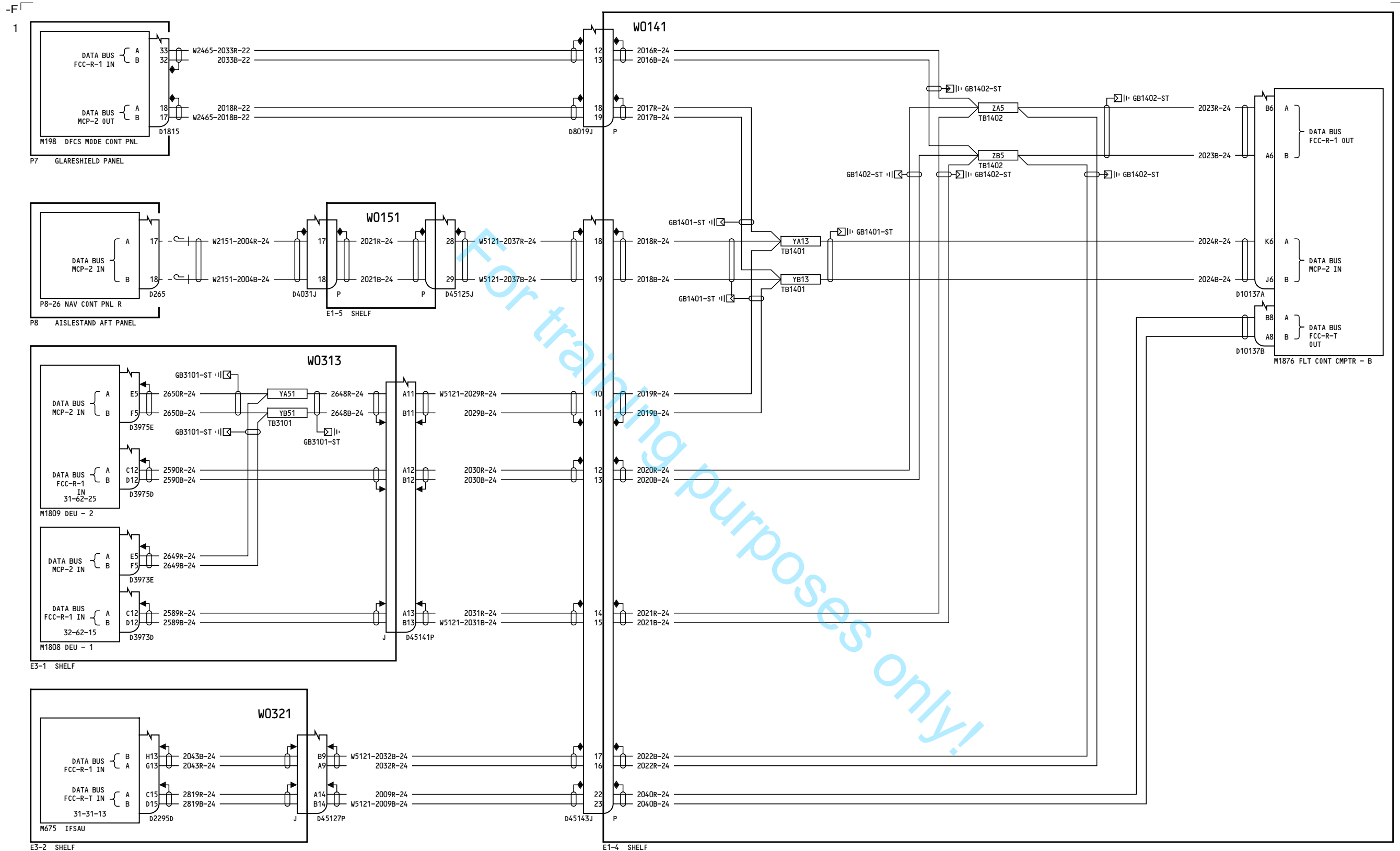
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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

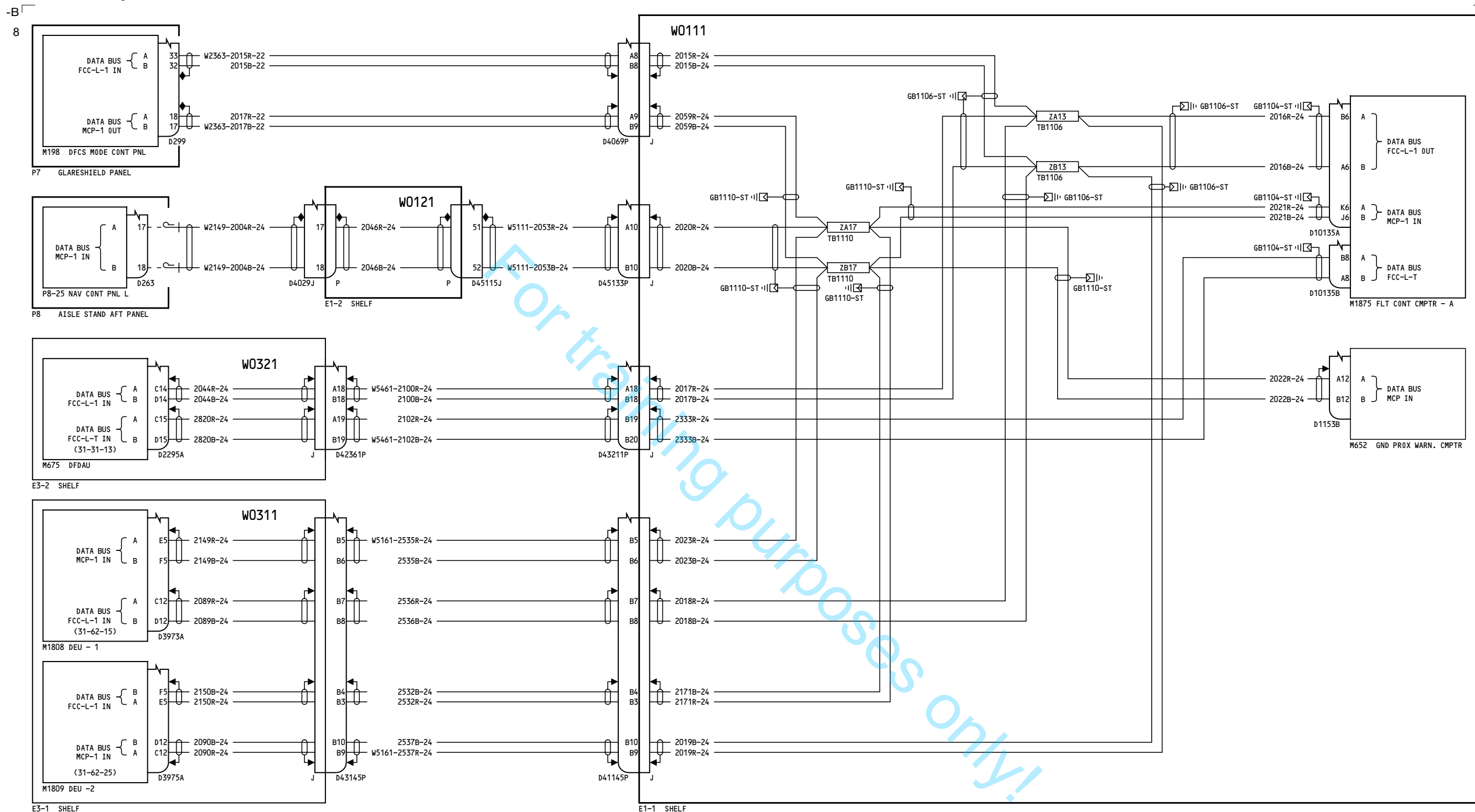
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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

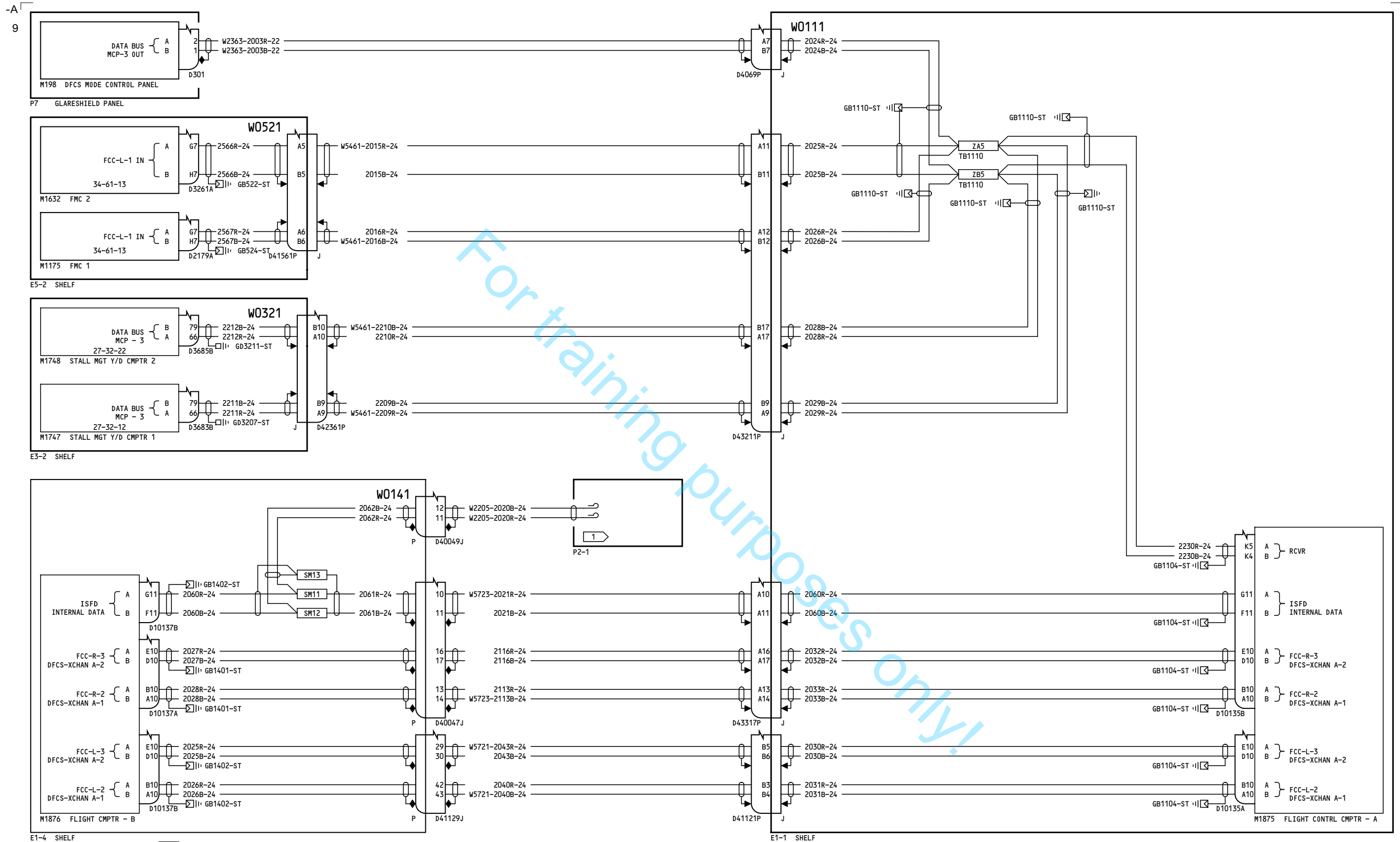
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NOTES: 1 CAP AND STOW NEAR D3681

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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

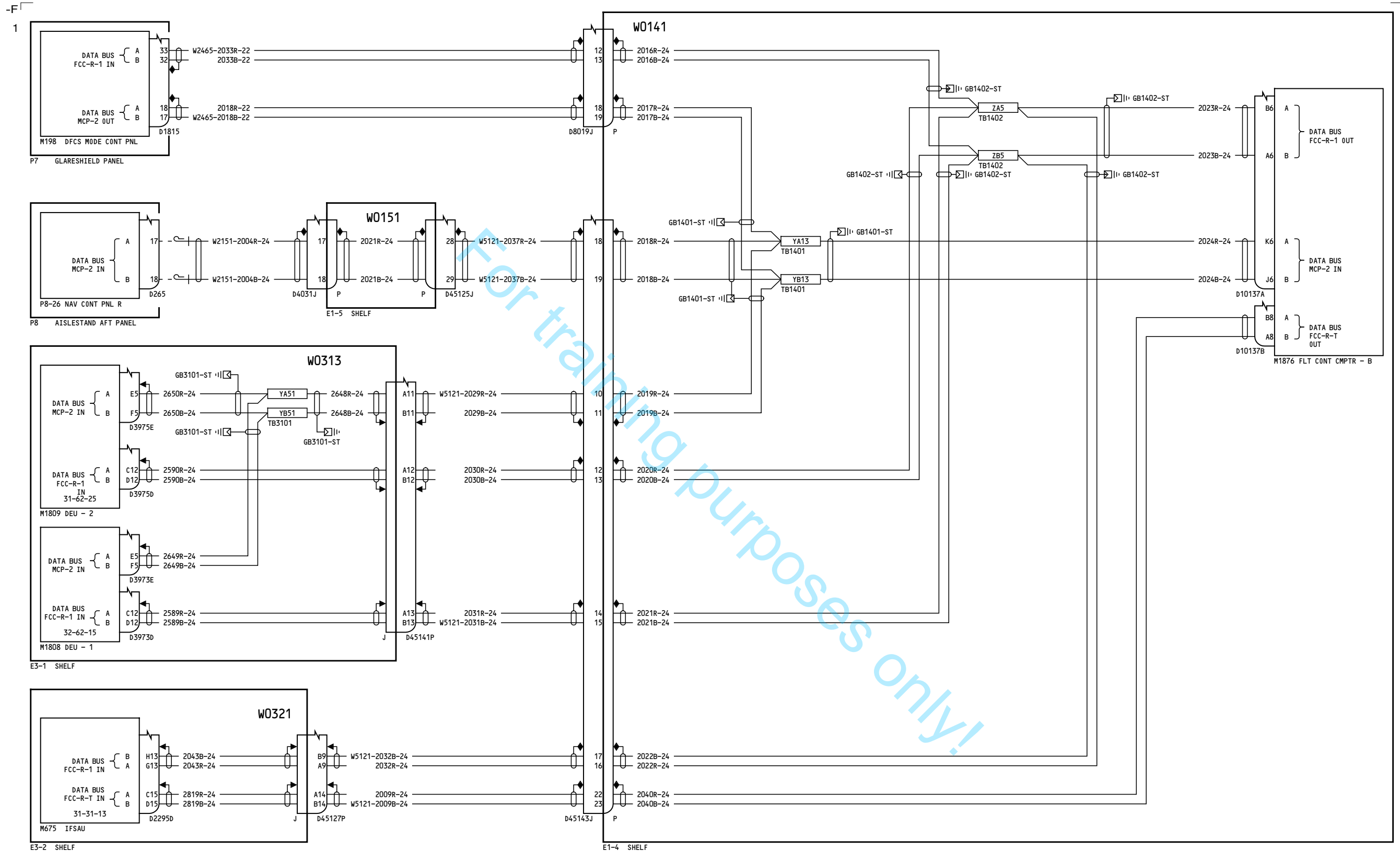
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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

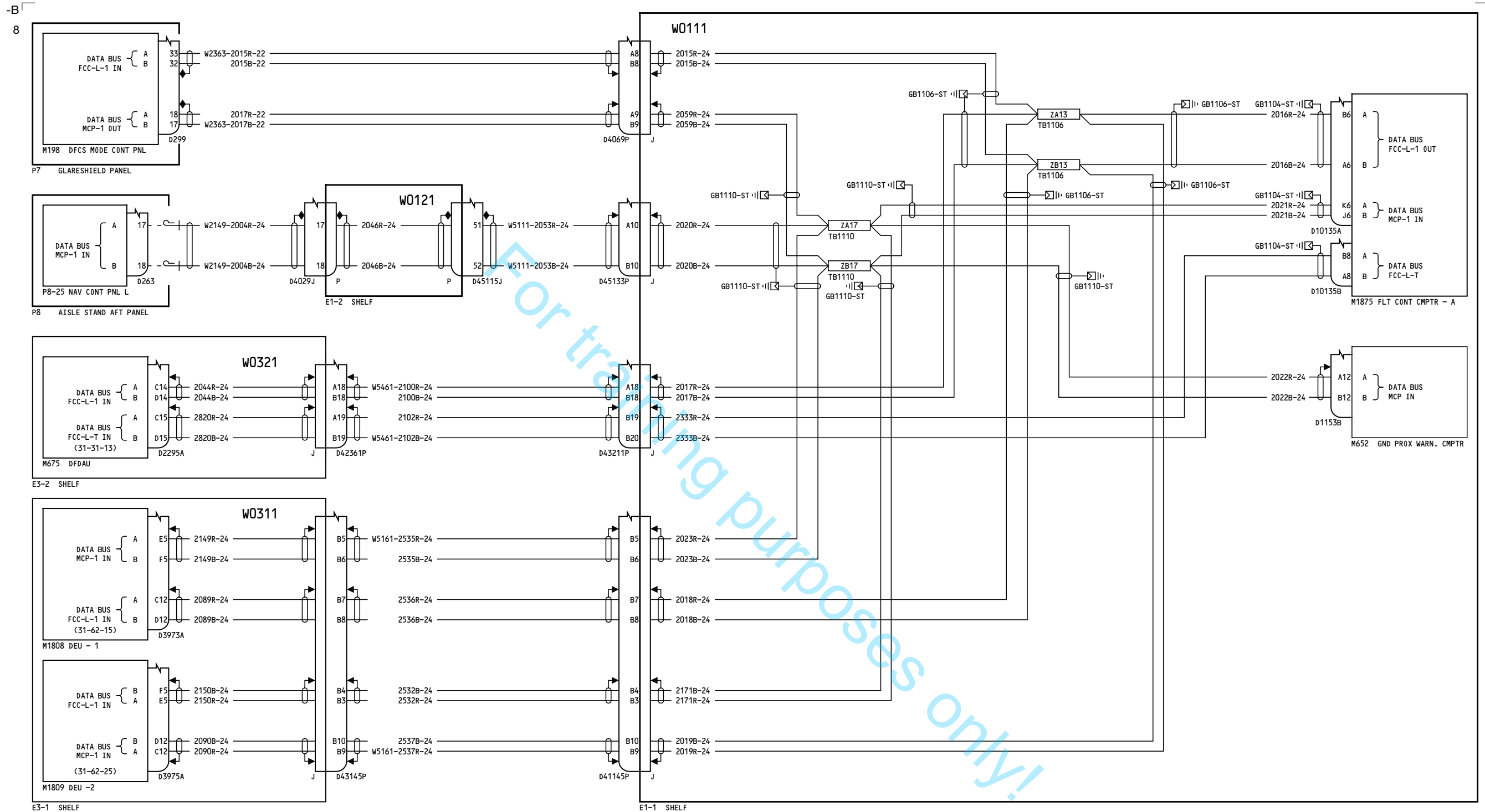
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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

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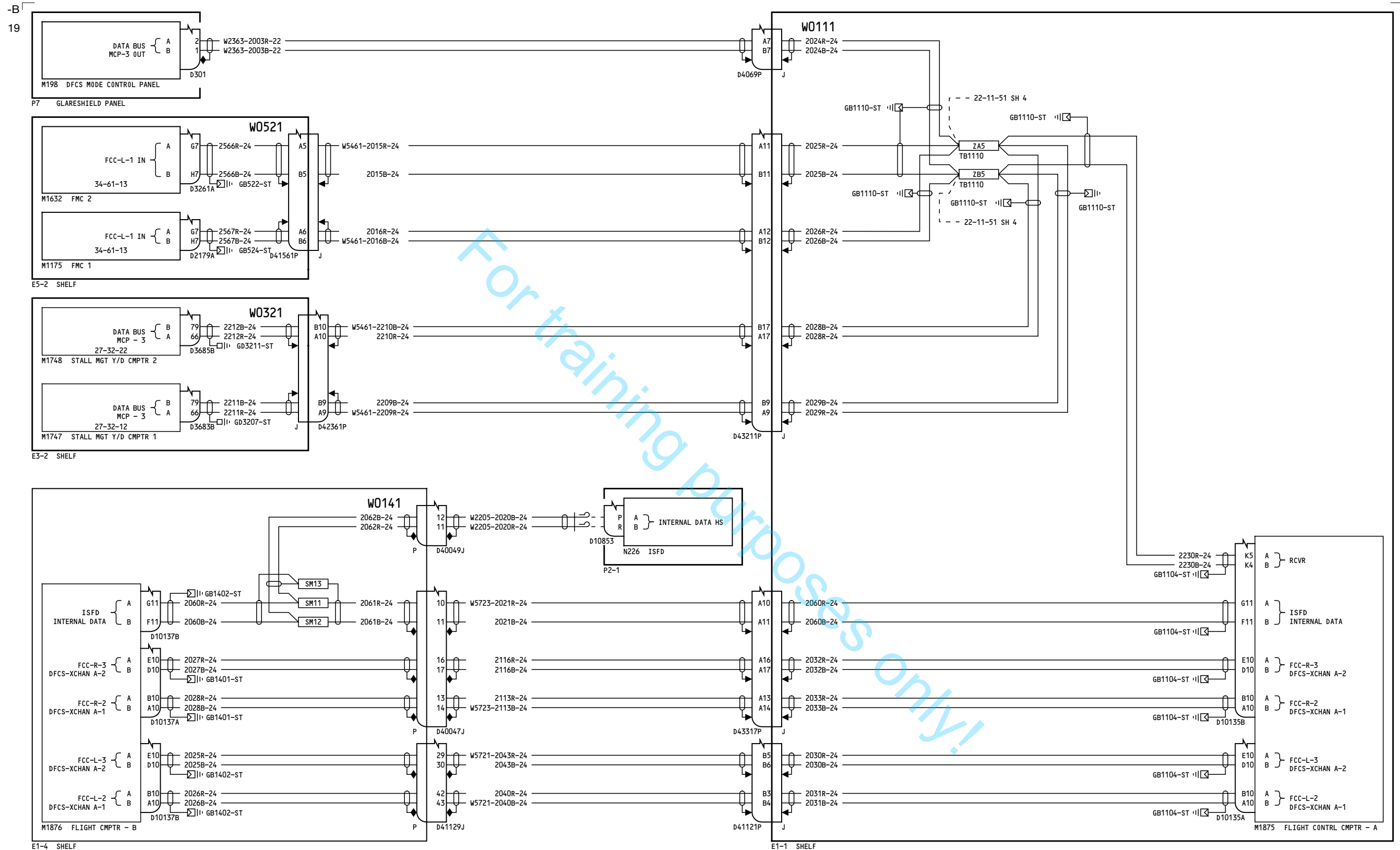
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DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

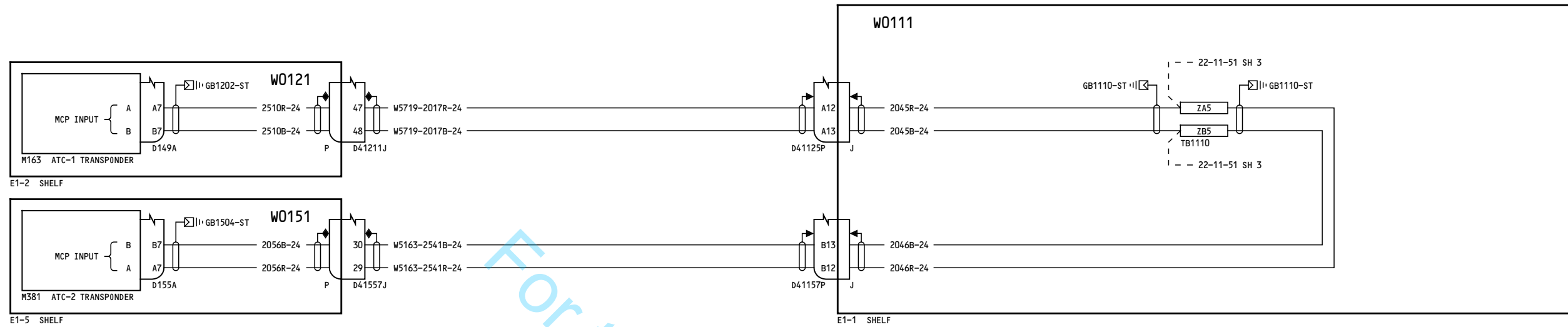
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**DFCS - DIGITAL BUS  
INTERFACES - OUTPUT**

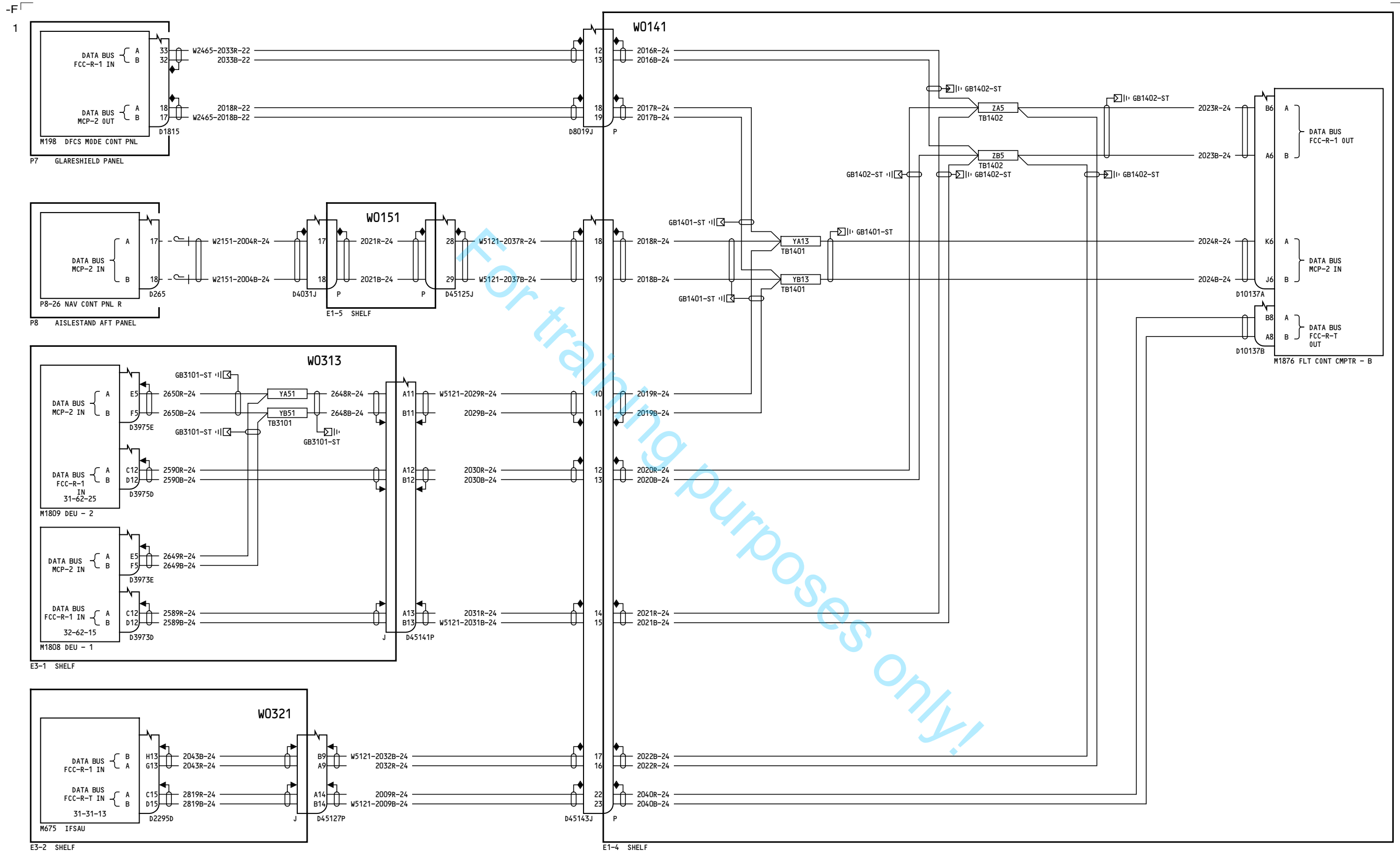
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YL951-YL999

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

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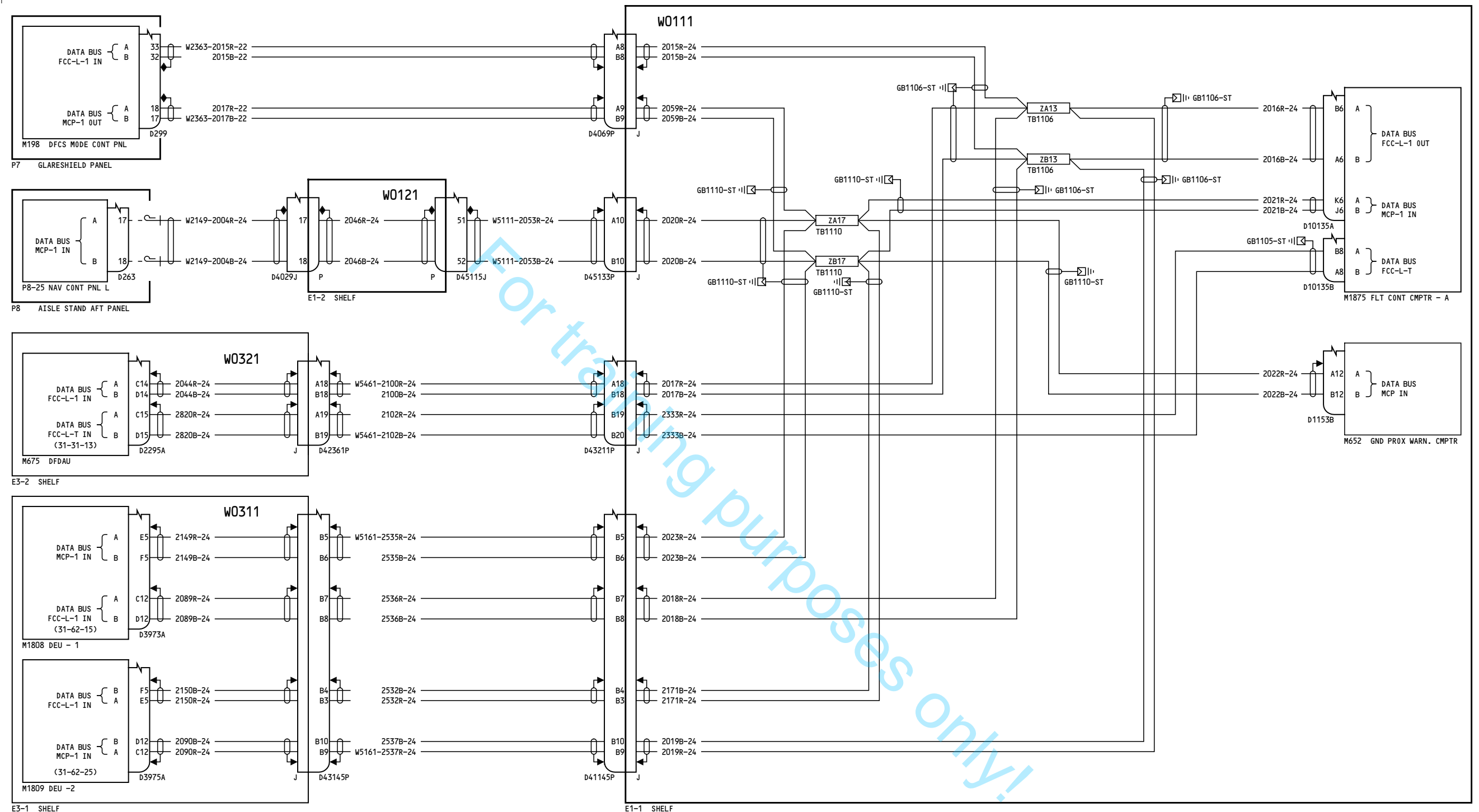
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YL951-YL999

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INTERFACES - OUTPUT

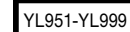
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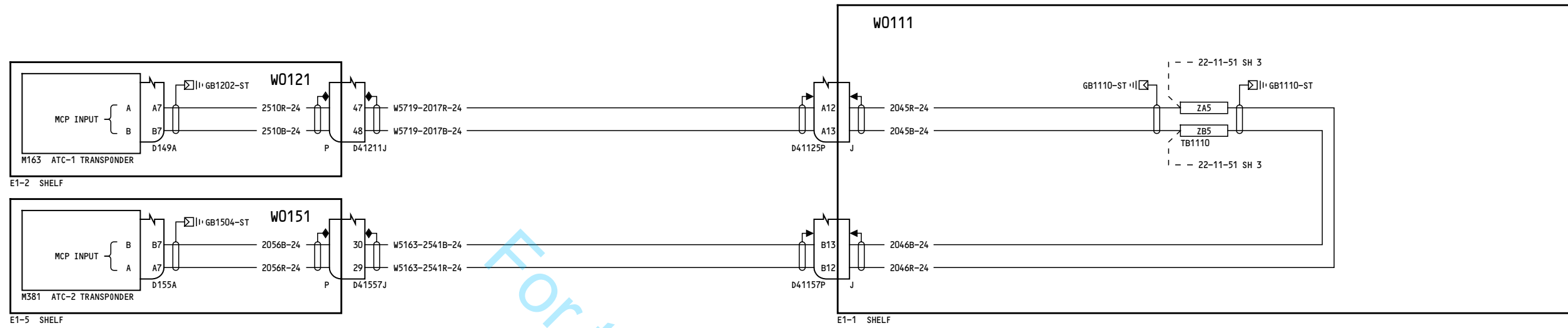
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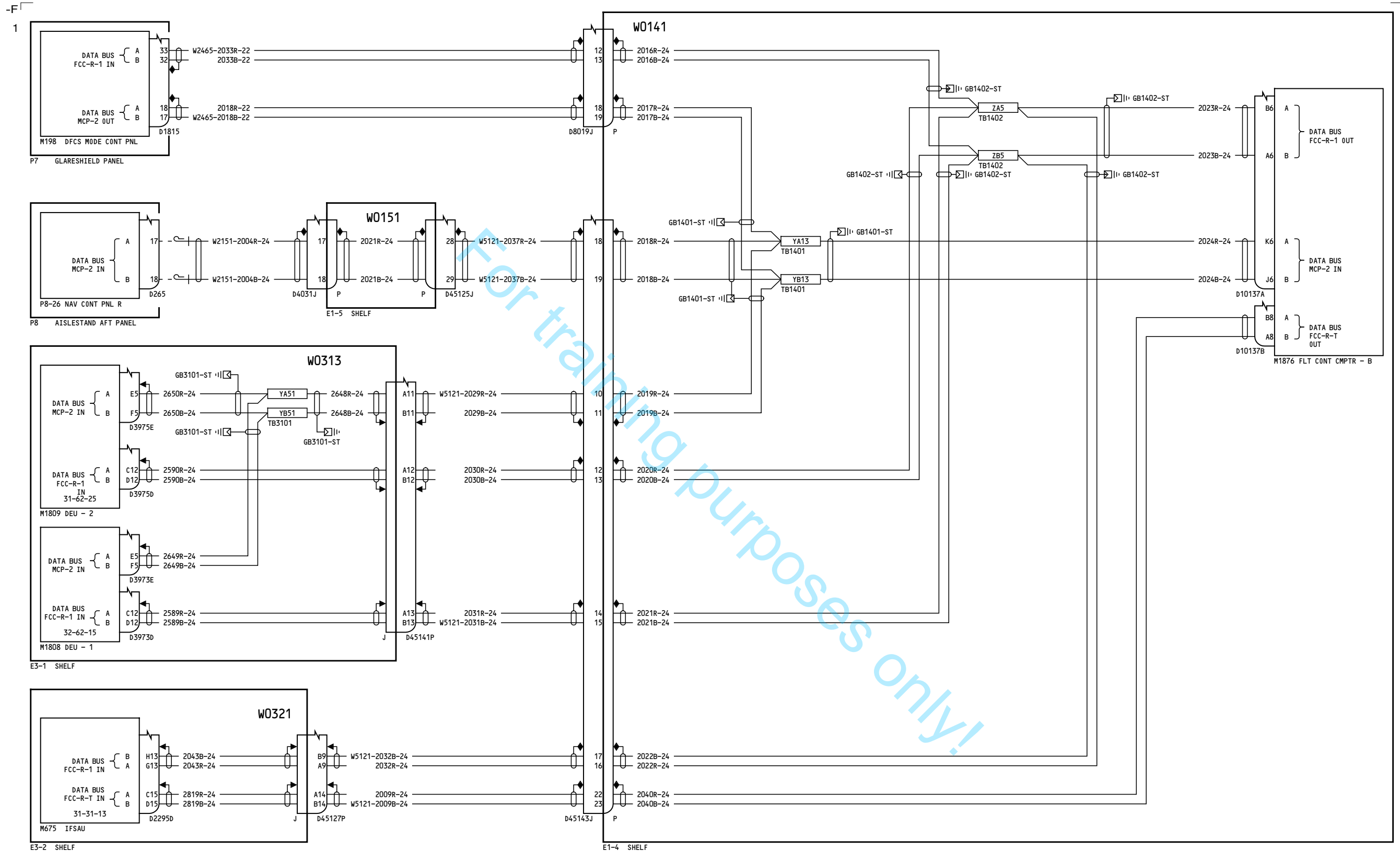
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YN231-YR328

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

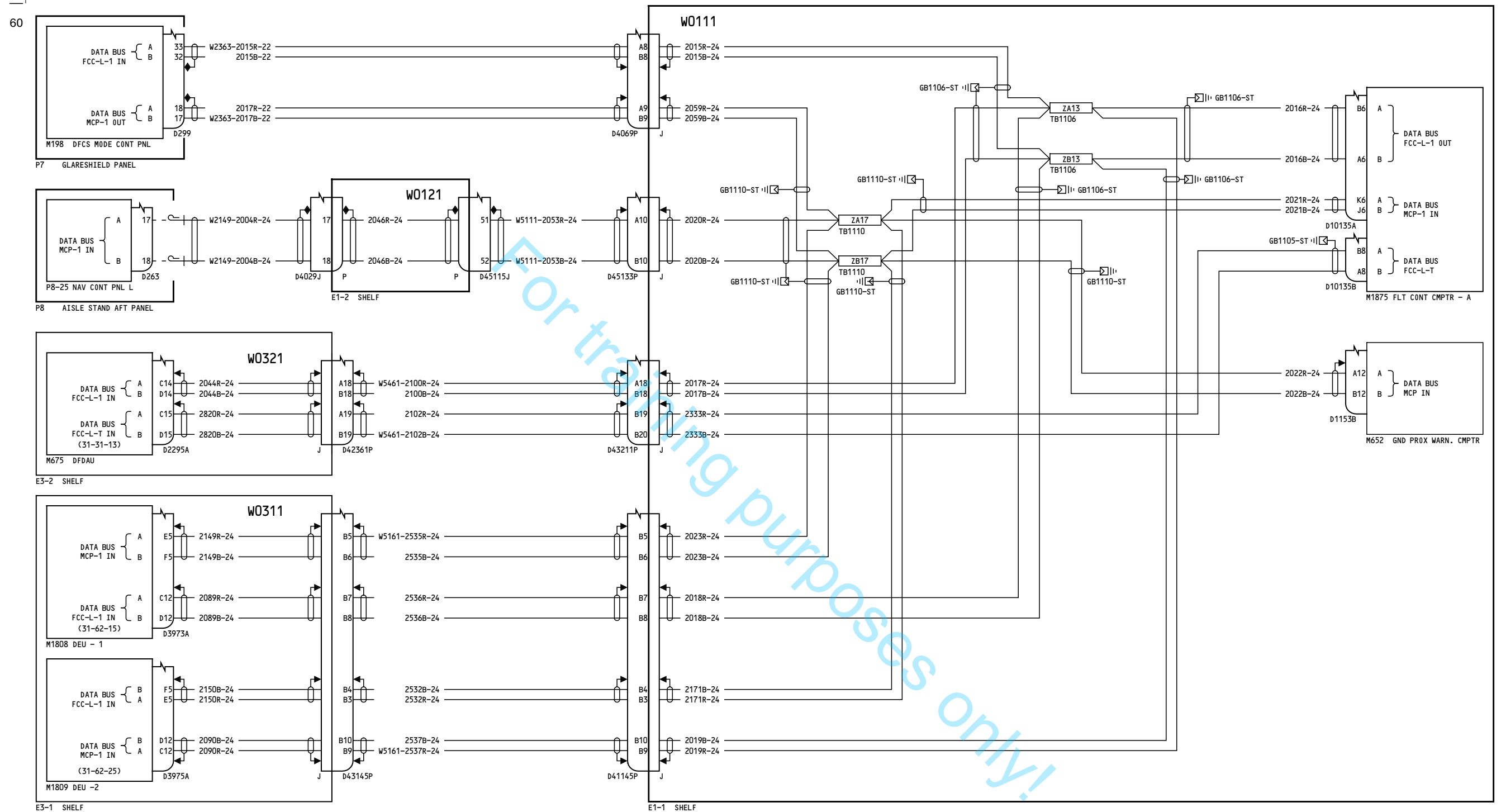
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YN231-YR328

## DFCS - DIGITAL BUS INTERFACES - OUTPUT

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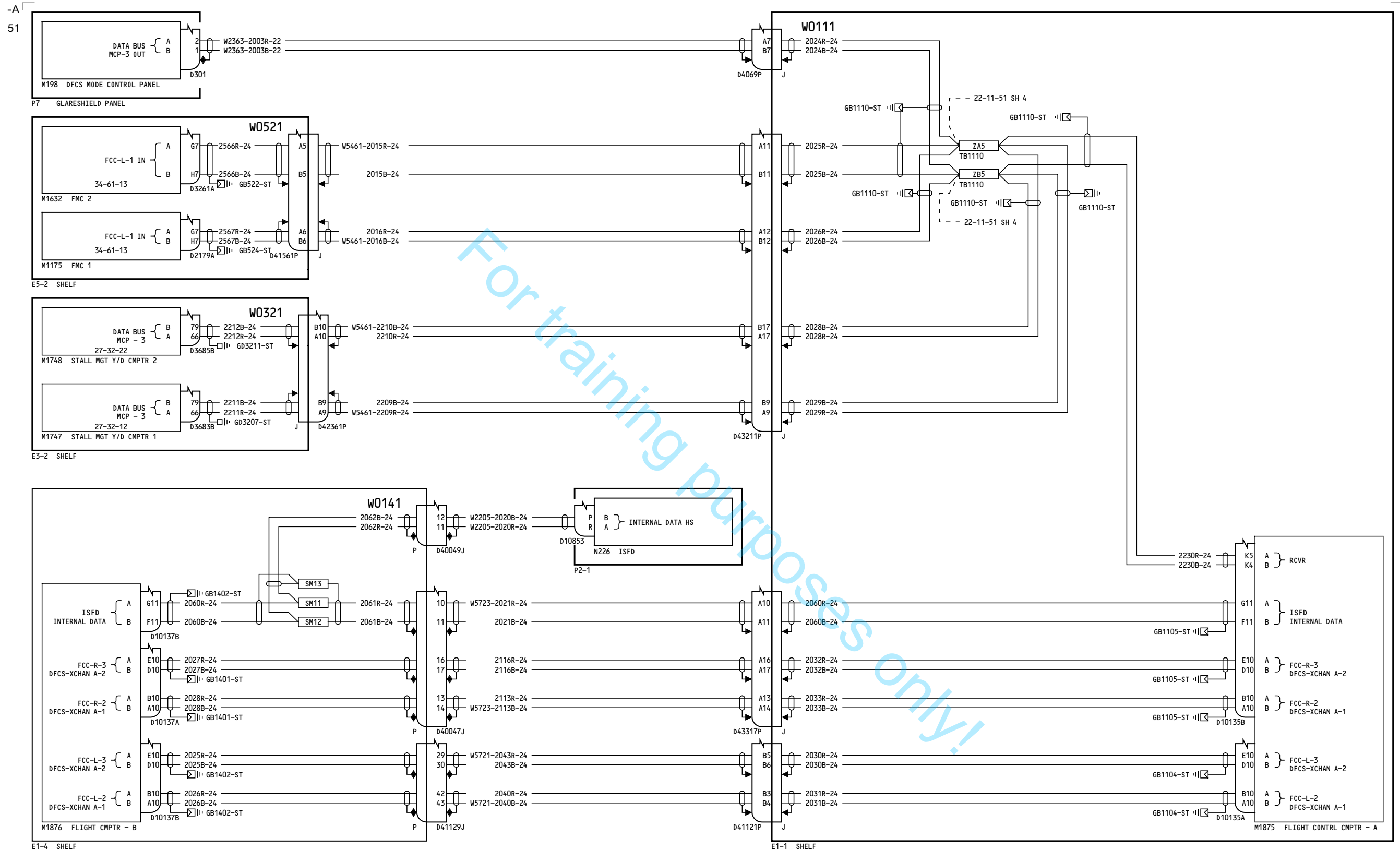
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YN231-YR328

DFCS - DIGITAL BUS  
INTERFACES - OUTPUT

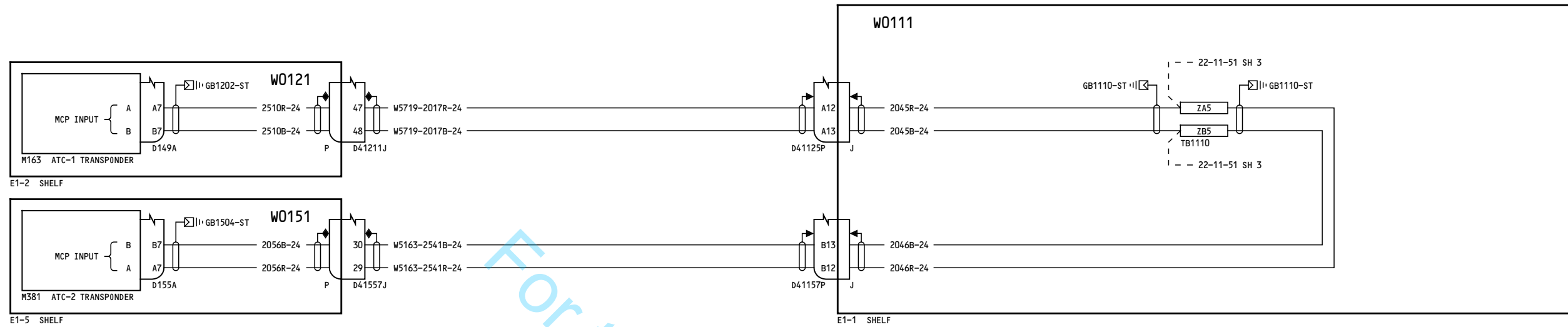
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YN231-YR328

**DFCS - DIGITAL BUS  
INTERFACES - OUTPUT**

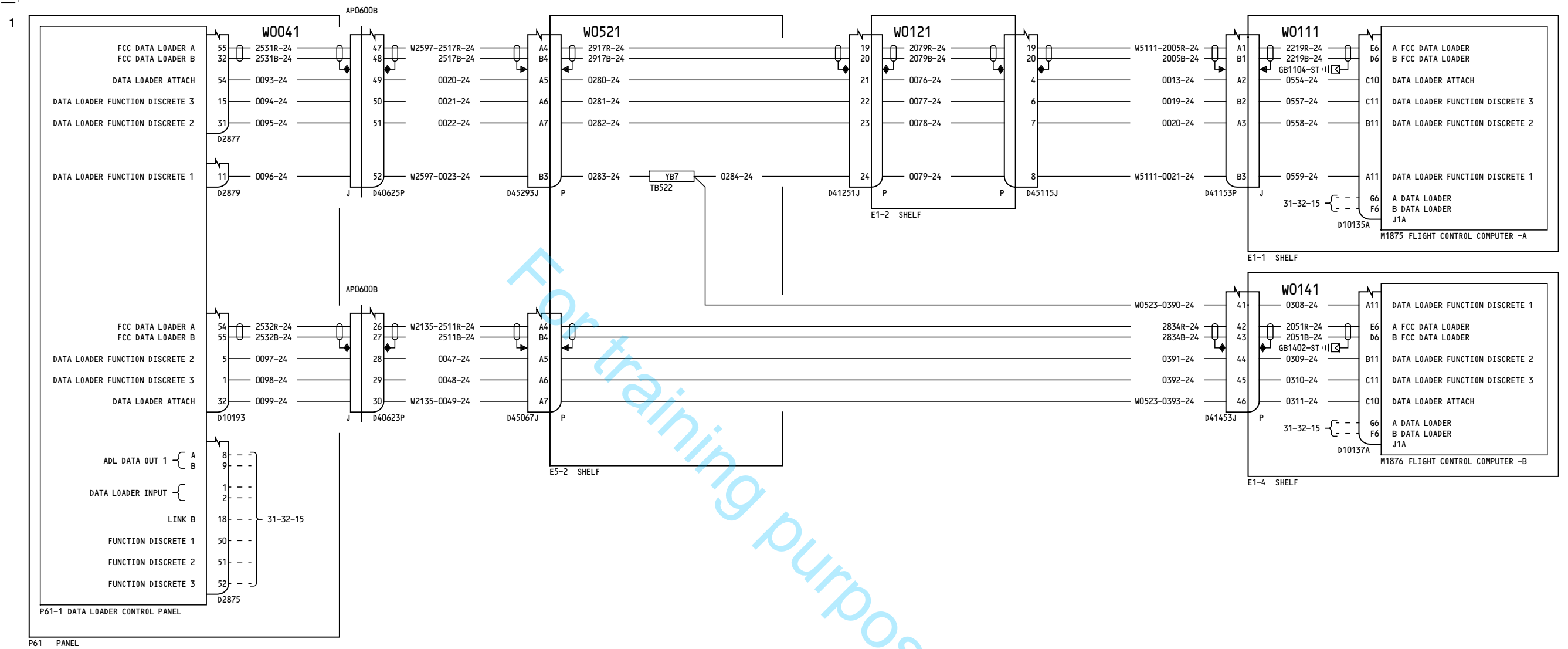
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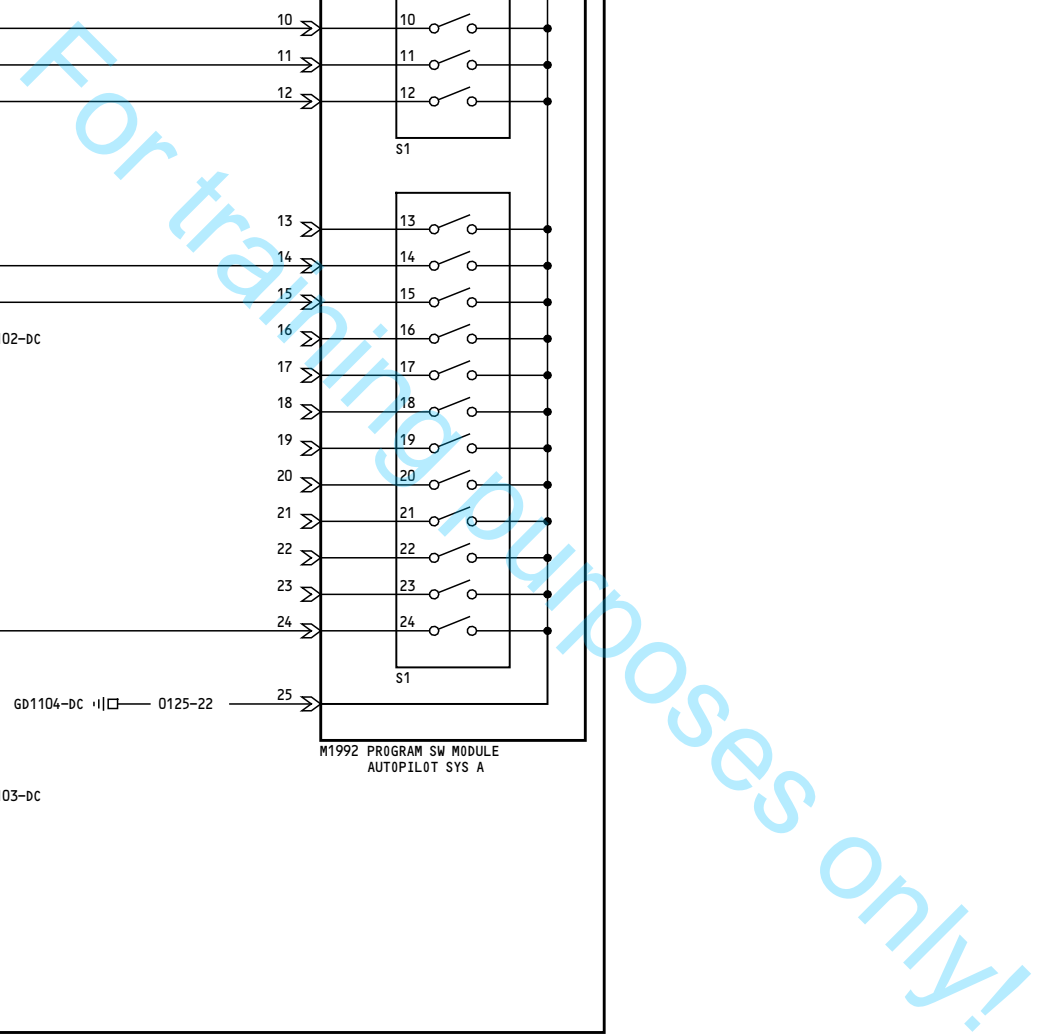
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1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

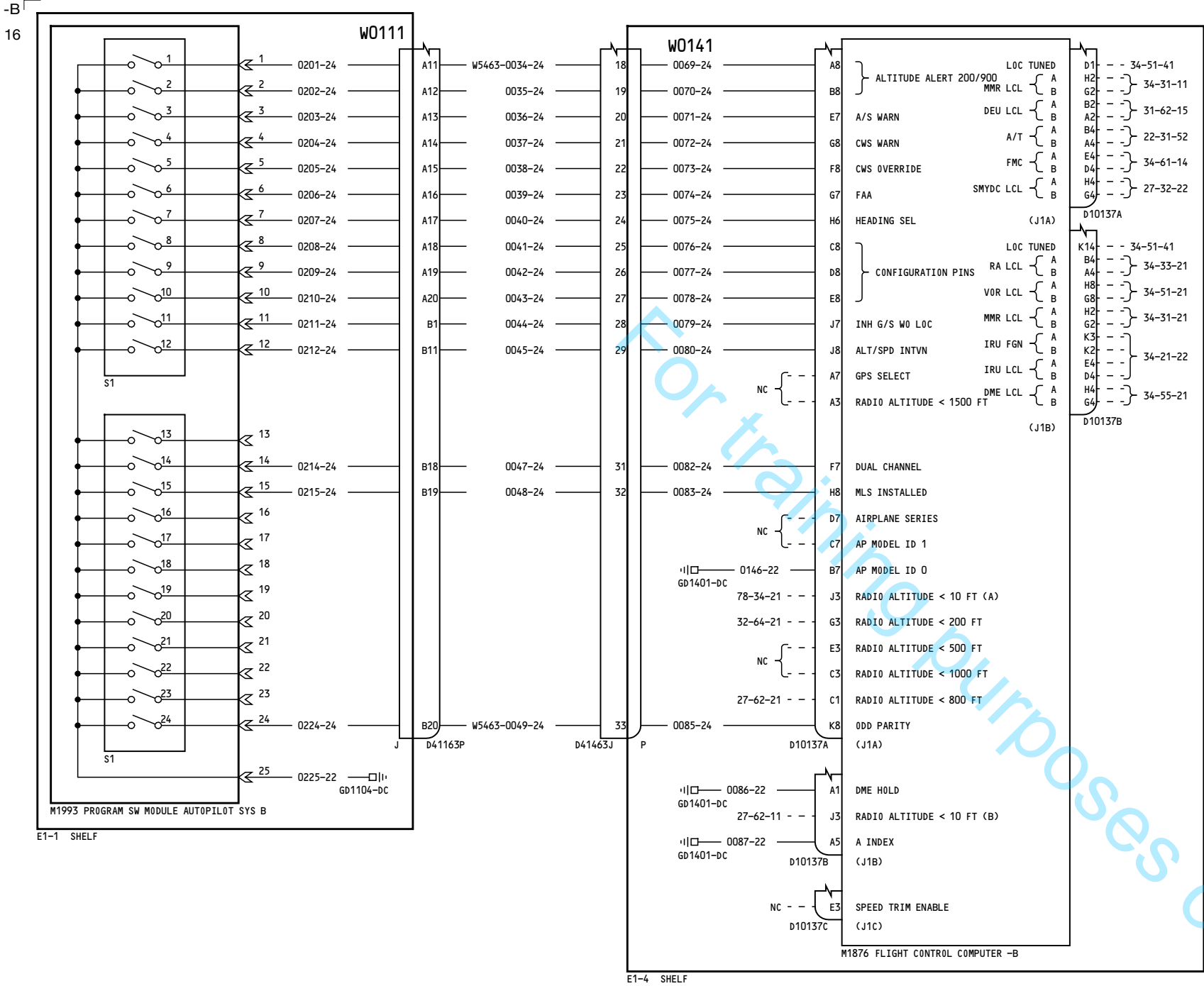
## DFCS - A AND B OPTION PINS

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M1993																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YC051-YD151

DFCS - A AND B  
OPTION PINS

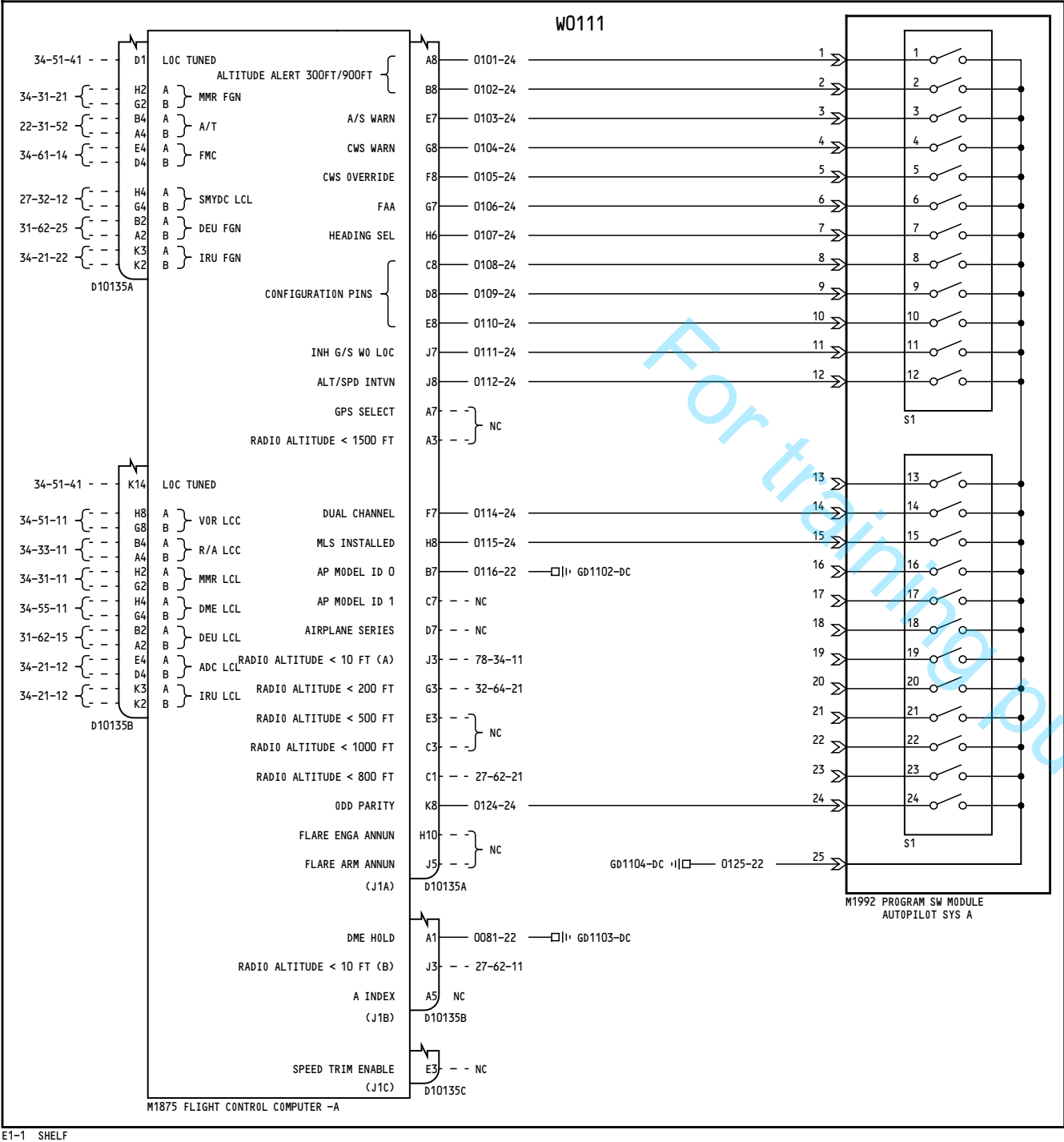
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M1992																							
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NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YC053, YC055

DFCS - A AND B  
OPTION PINS

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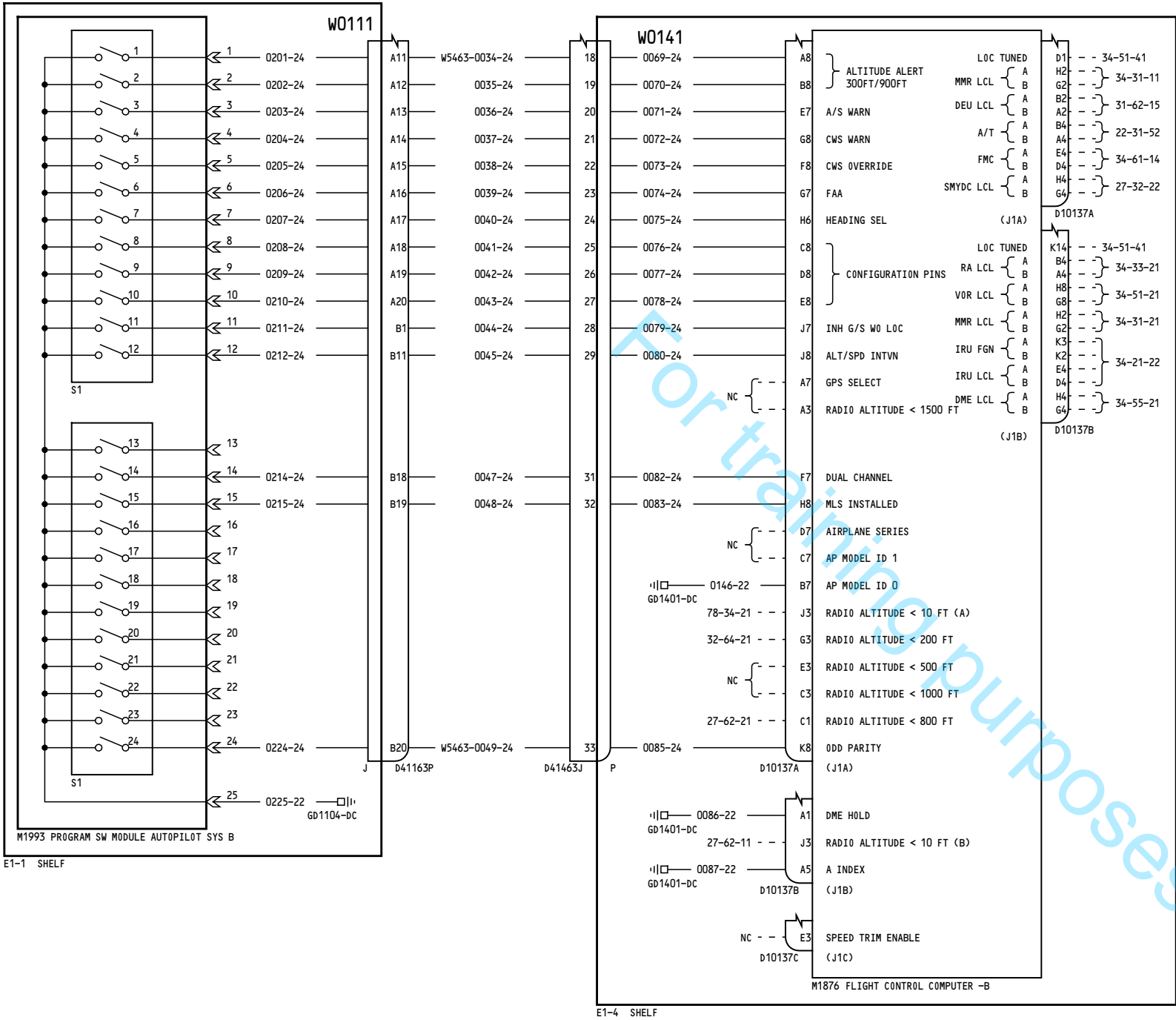
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NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YC053, YC055

DFCS - A AND B  
OPTION PINS

D280A108

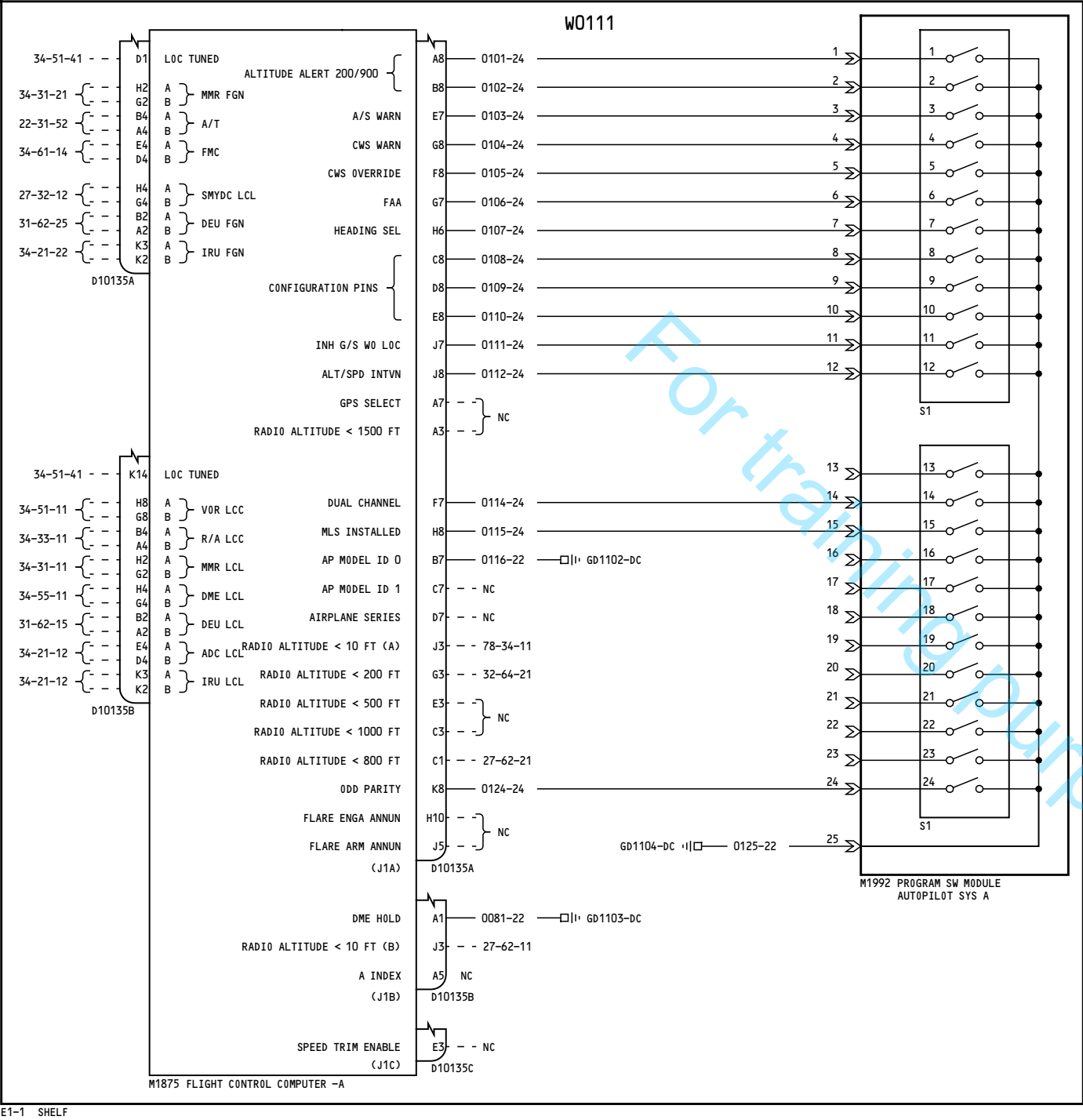
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M1992																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YD152-YD155

DFCS - A AND B  
OPTION PINS

D280A108

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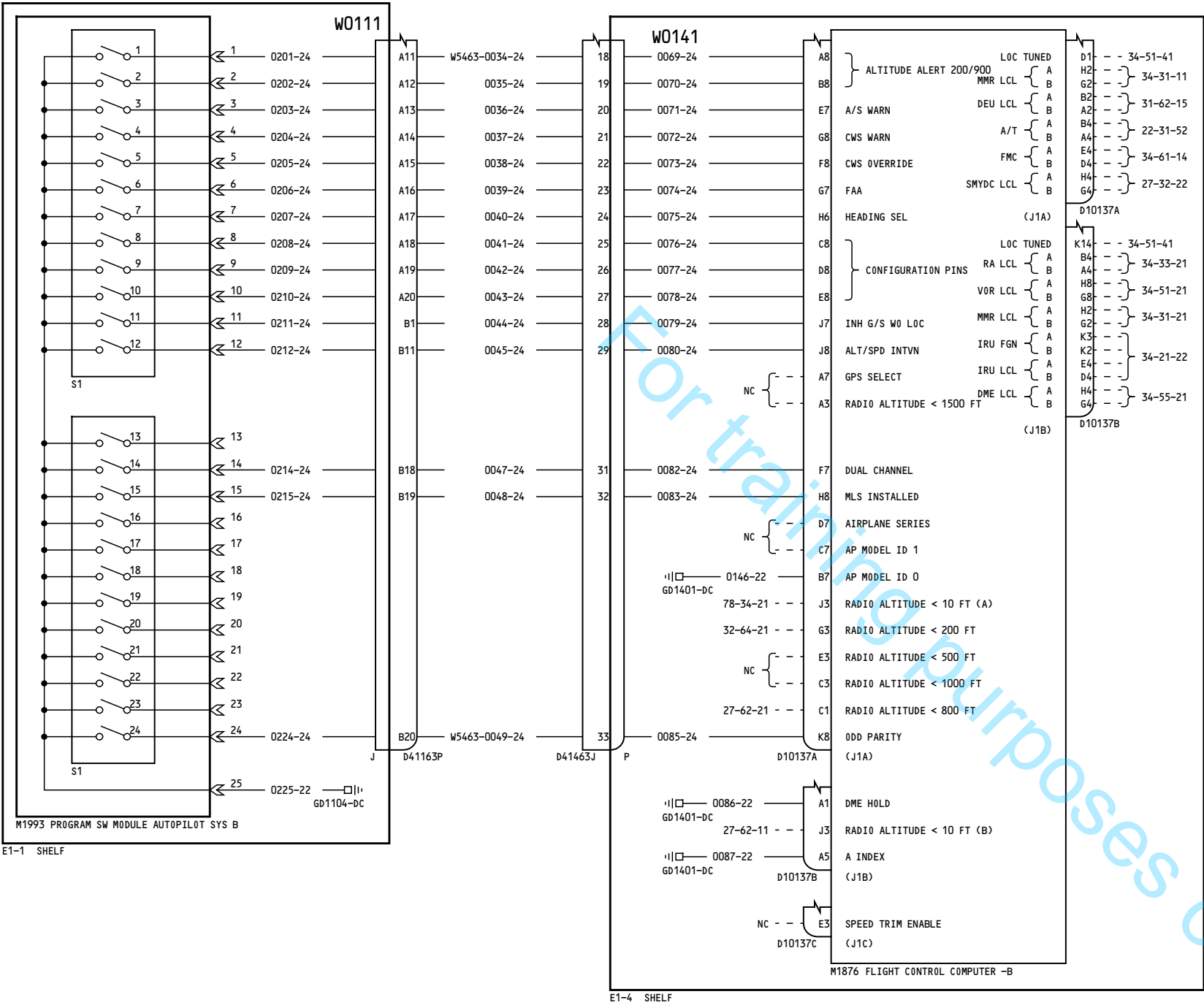
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M1993																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YD152-YD155

DFCS - A AND B  
OPTION PINS

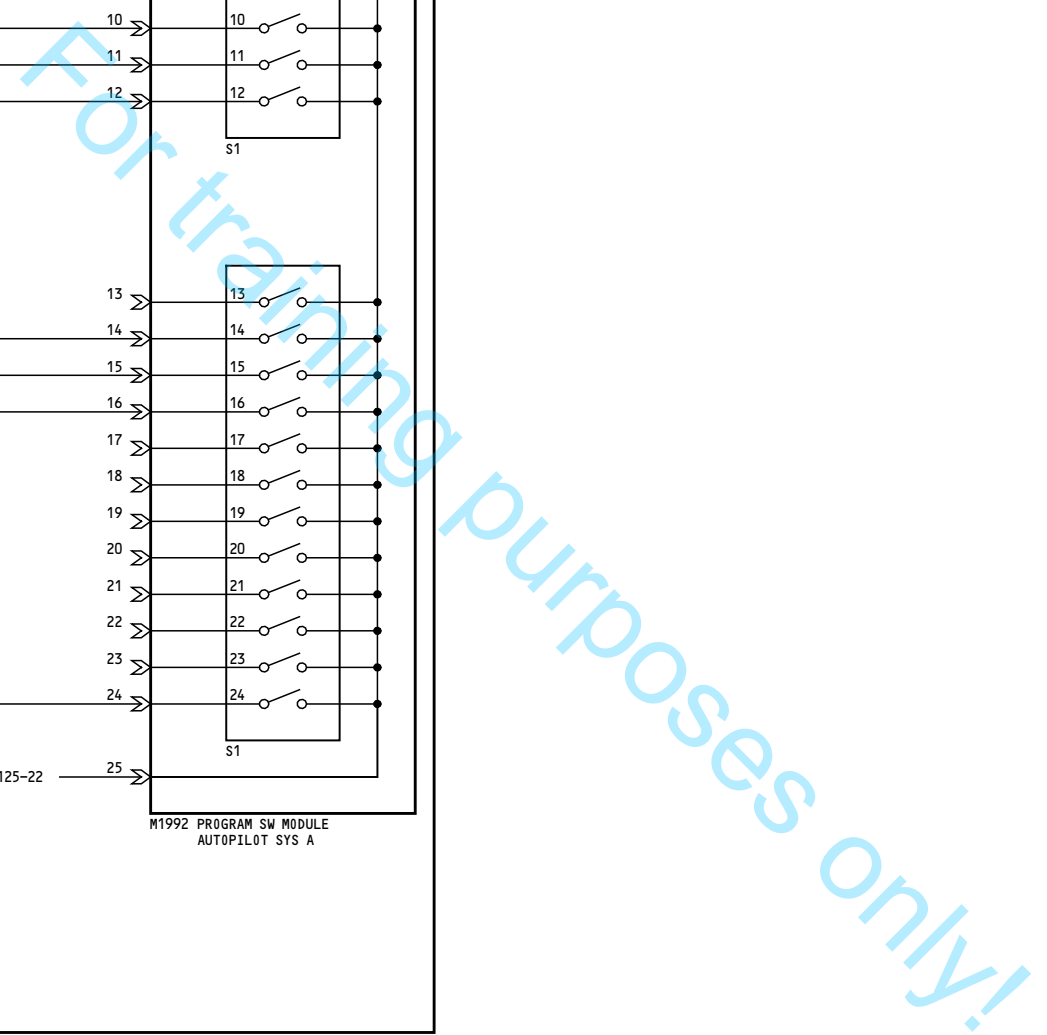
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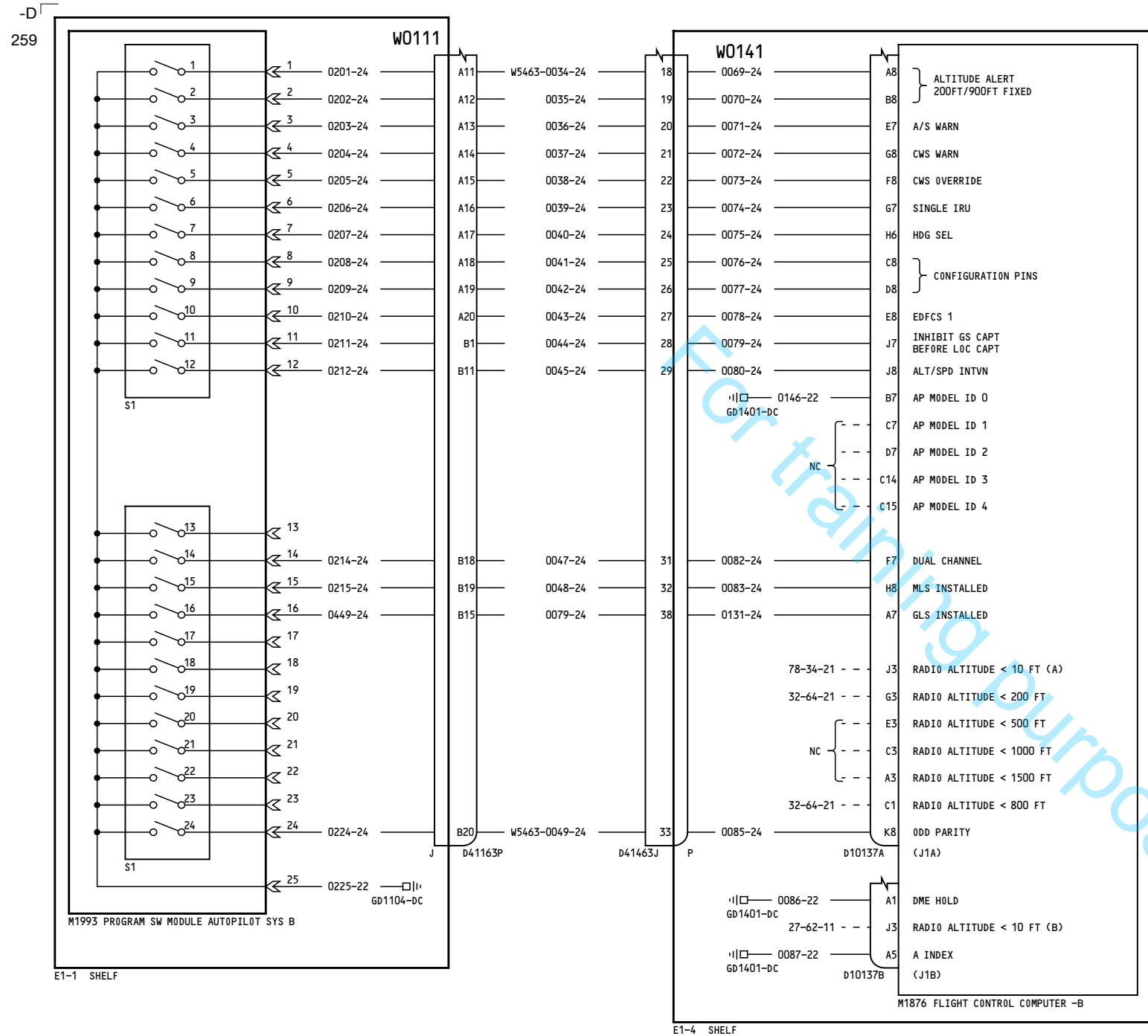
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LOGIC "0" SWITCH IS OFF (OPEN)

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M1993 (W0119)																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1

## NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YD157-YD170

DFCS - A AND B  
OPTION PINS

D280A108

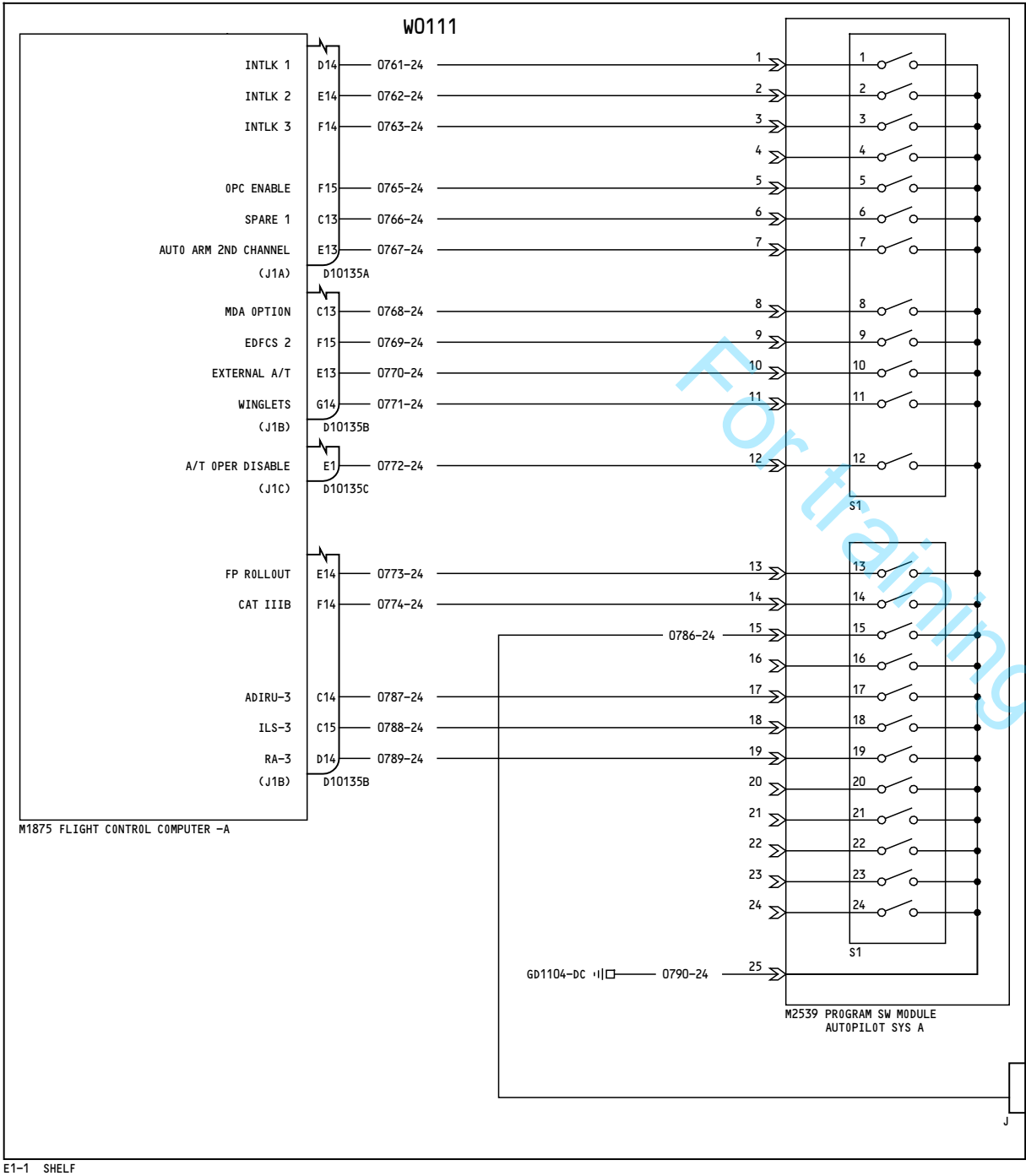
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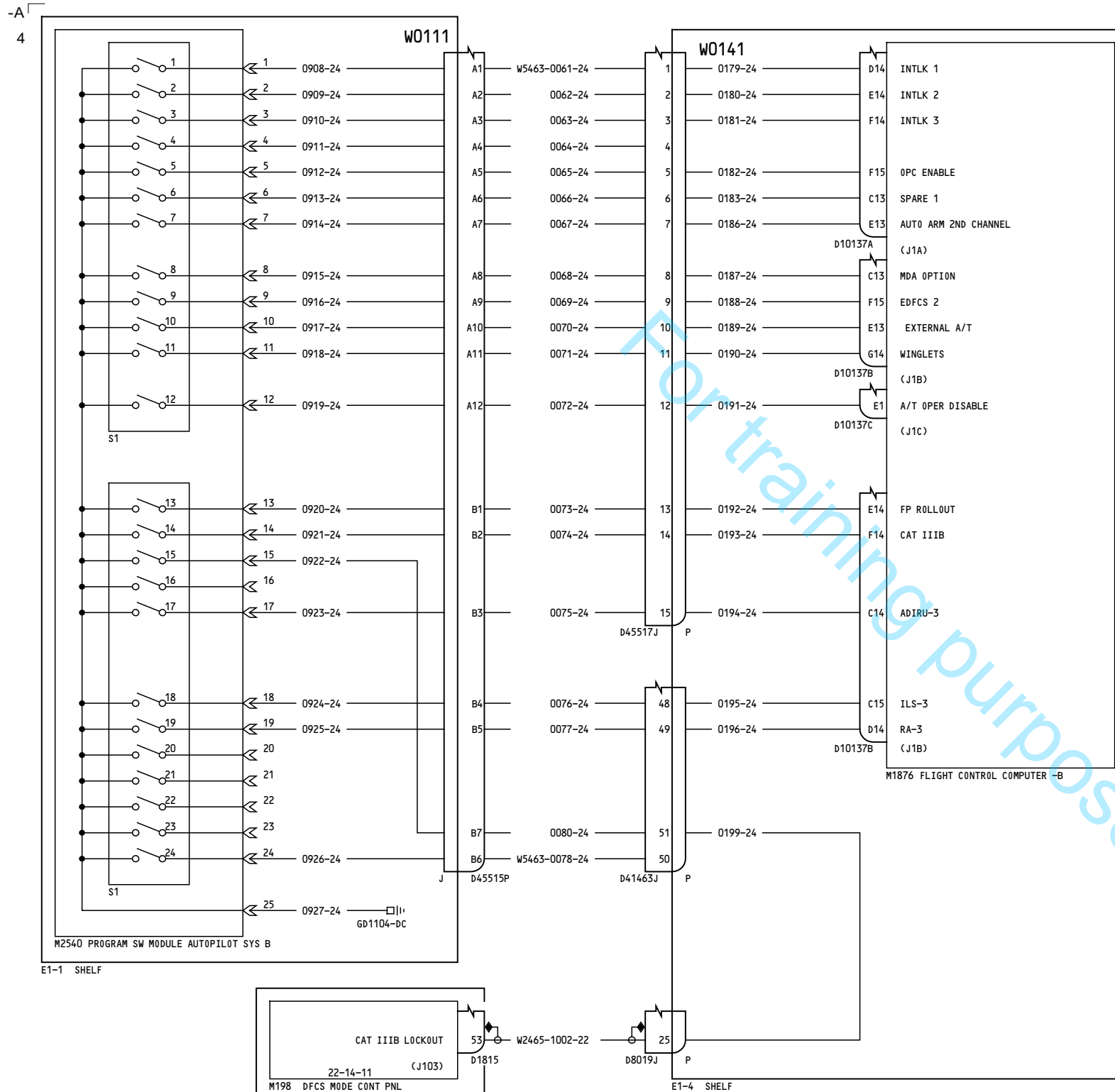


M2539 (W0119)																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YD157-YD170	DFCS - A AND B OPTION PINS
	D280A108



M2540 (W0119)																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

**NOTES:**

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YD157-YD170

**DFCS - A AND B  
OPTION PINS**

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1																								
M1992 (W0119)																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1	

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

### DFCS - A AND B OPTION PINS

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D280A108

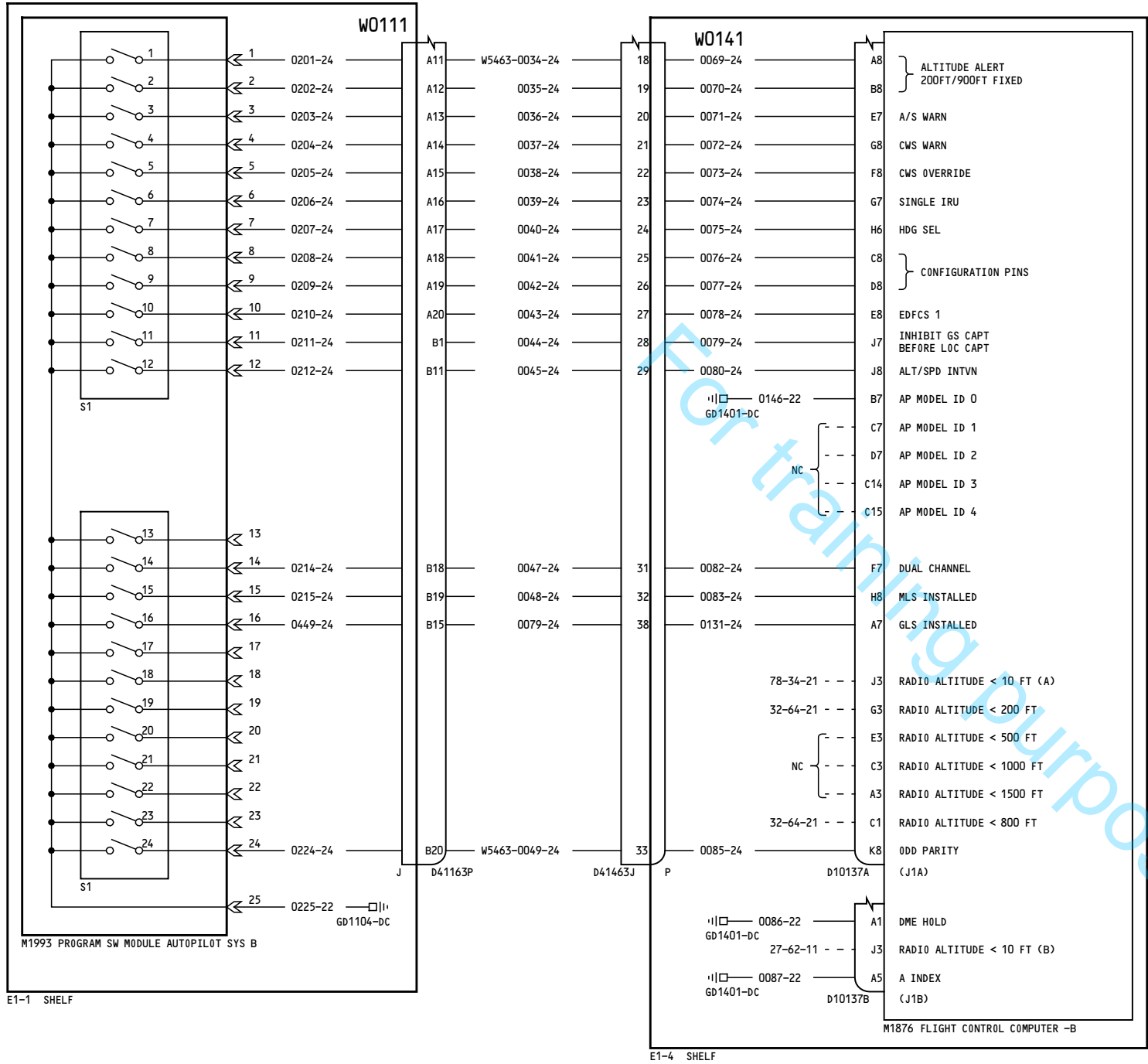
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M1993 (W0119)																							
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1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL951-YL952

DFCS - A AND B  
OPTION PINS

D280A108

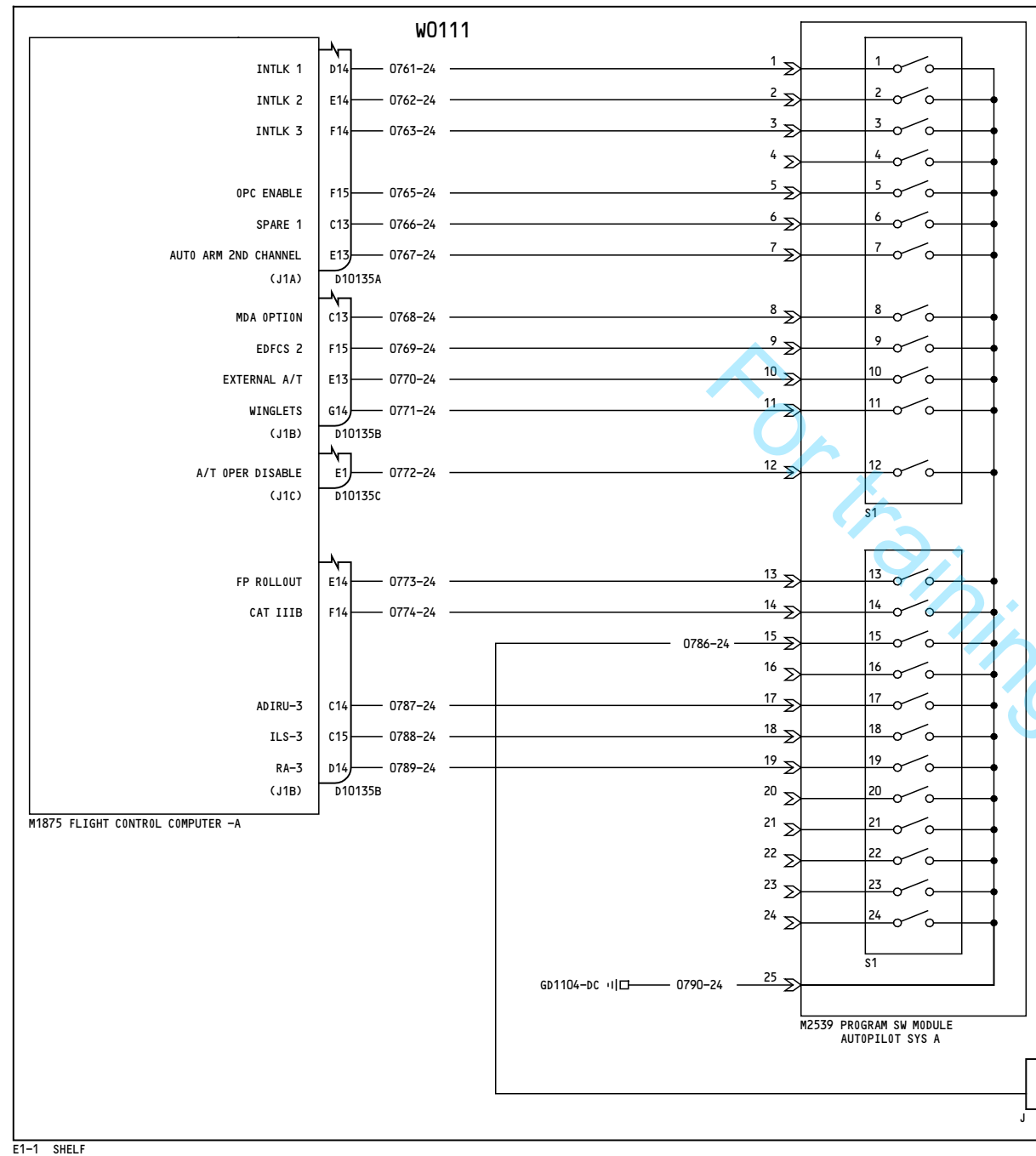
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1

M2539												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL951-YL952

DFCS - A AND B  
OPTION PINS

D280A108

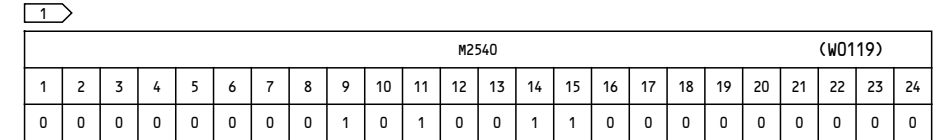
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**NOTES:**

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL951-YL952

### DFCS - A AND B OPTION PINS

D280A108

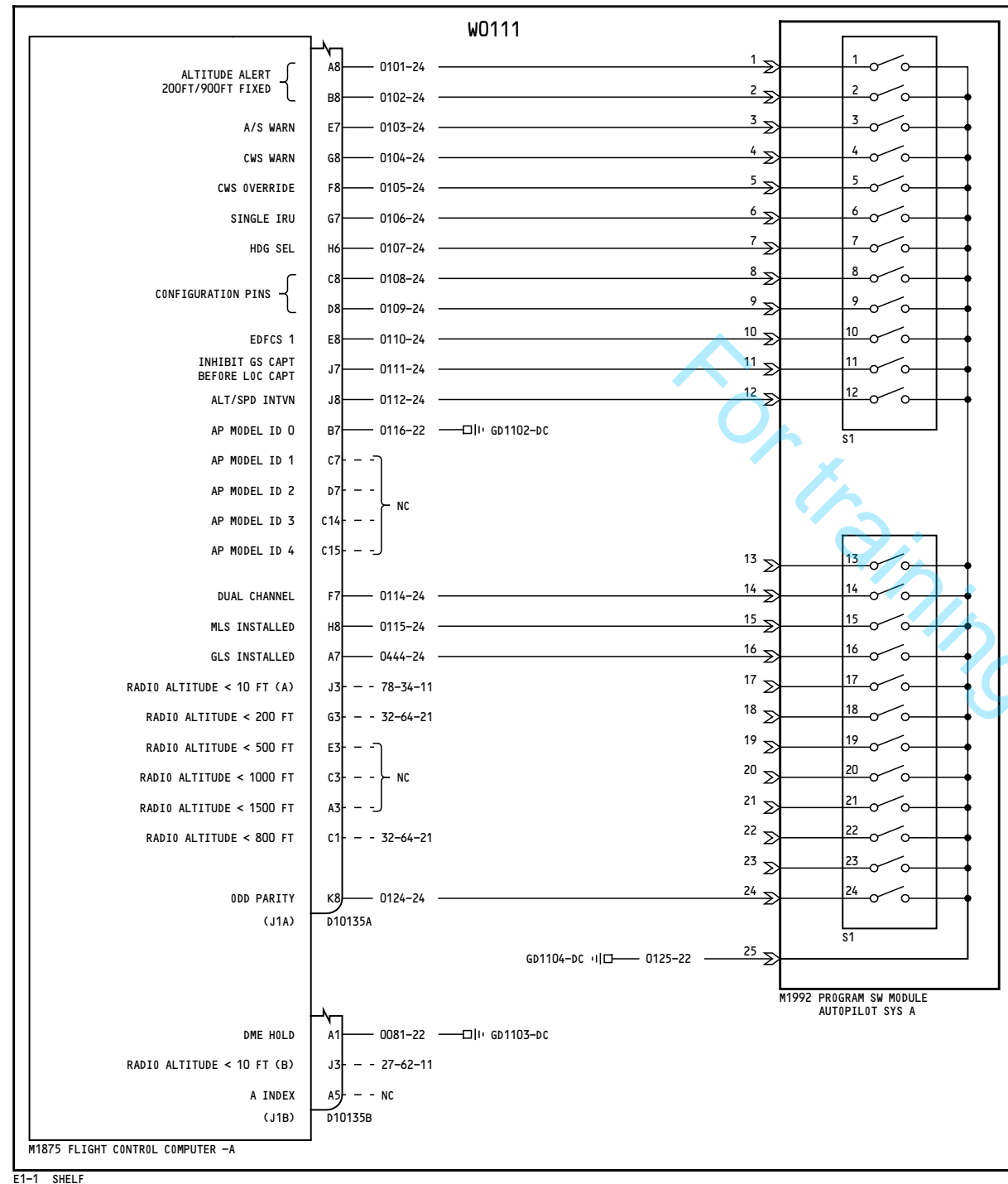
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1

M1992												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL953-YL999, YR301-YR328

DFCS - A AND B  
OPTION PINS

D280A108

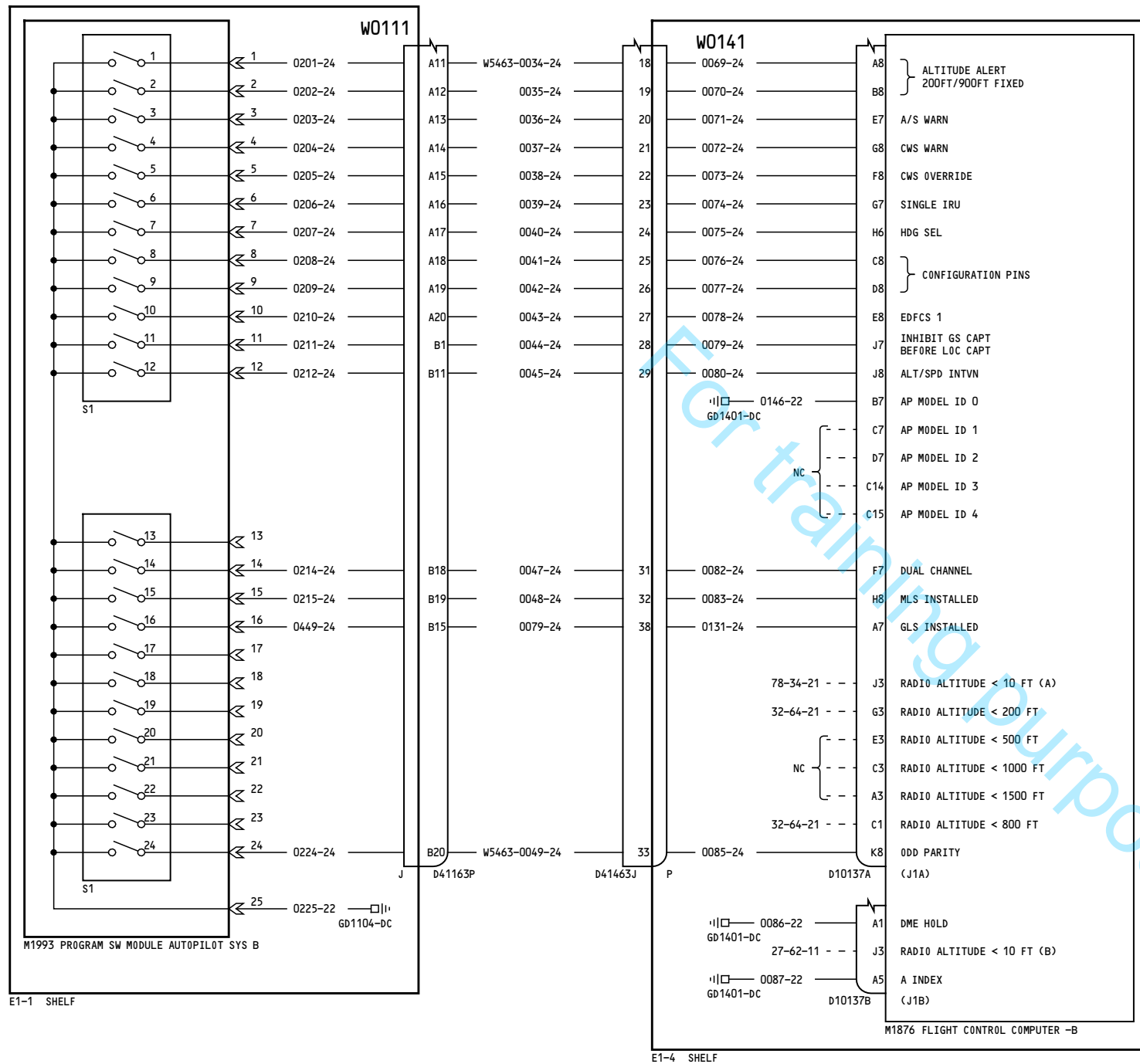
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1

M1993												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0

NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL953-YL999, YR301-YR328

DFCS - A AND B  
OPTION PINS

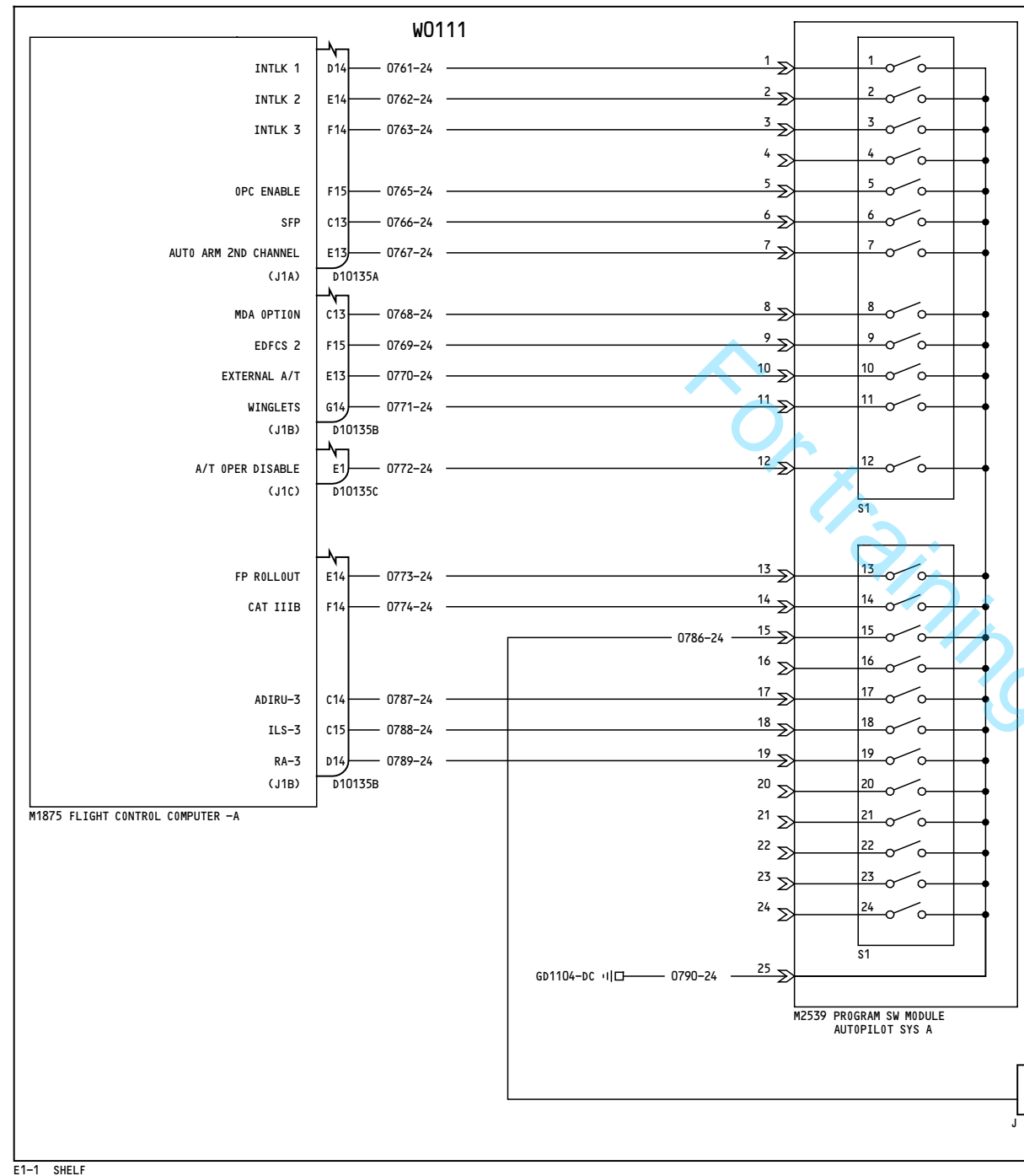
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1

M2539												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

**NOTES:**

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL953-YL999, YR301-YR328

**DFCS - A AND B  
OPTION PINS**

D280A108

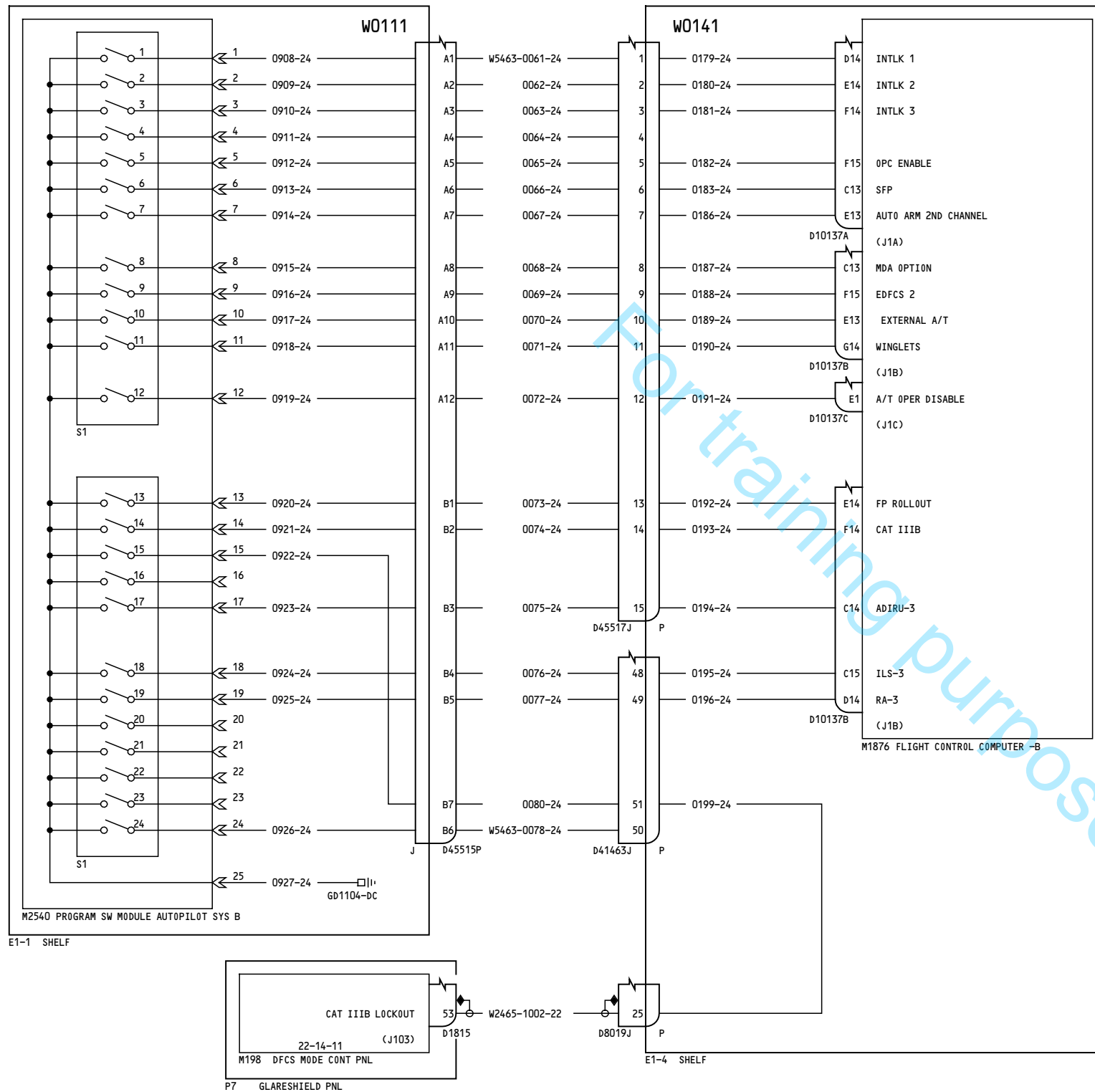
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1

M2540												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YL953-YL999, YR301-YR328

DFCS - A AND B  
OPTION PINS

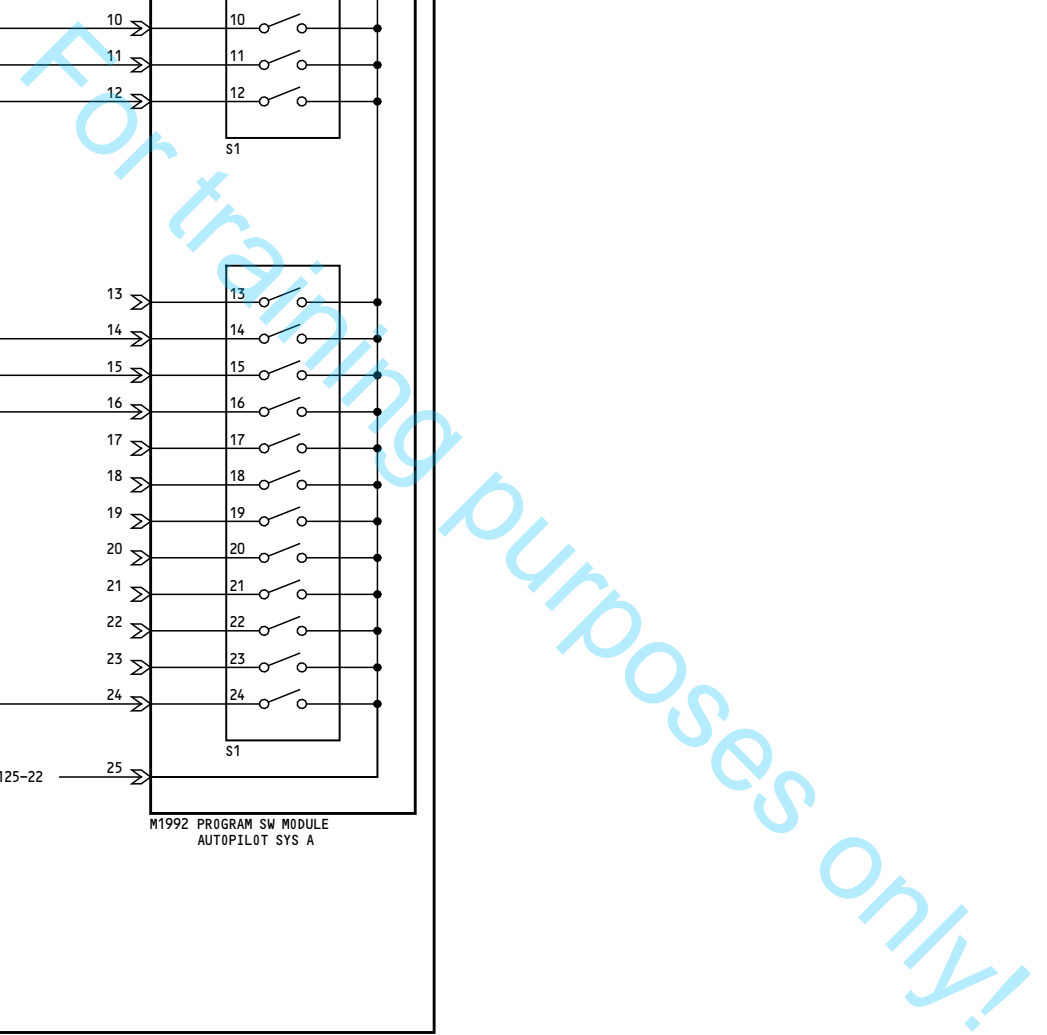
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Wiring diagram for the M1992 PROGRAM SW MODULE (AUTOPILOT SYS A). The diagram shows two switch assemblies, S1 and S2, connected to a terminal block. Switch S1 (top) has terminals 10, 11, and 12. Switch S2 (bottom) has terminals 13 through 24. Each switch terminal is connected to a corresponding terminal in the terminal block. A common ground line is labeled '25-22'.

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

## DFCS - A AND B OPTION PINS

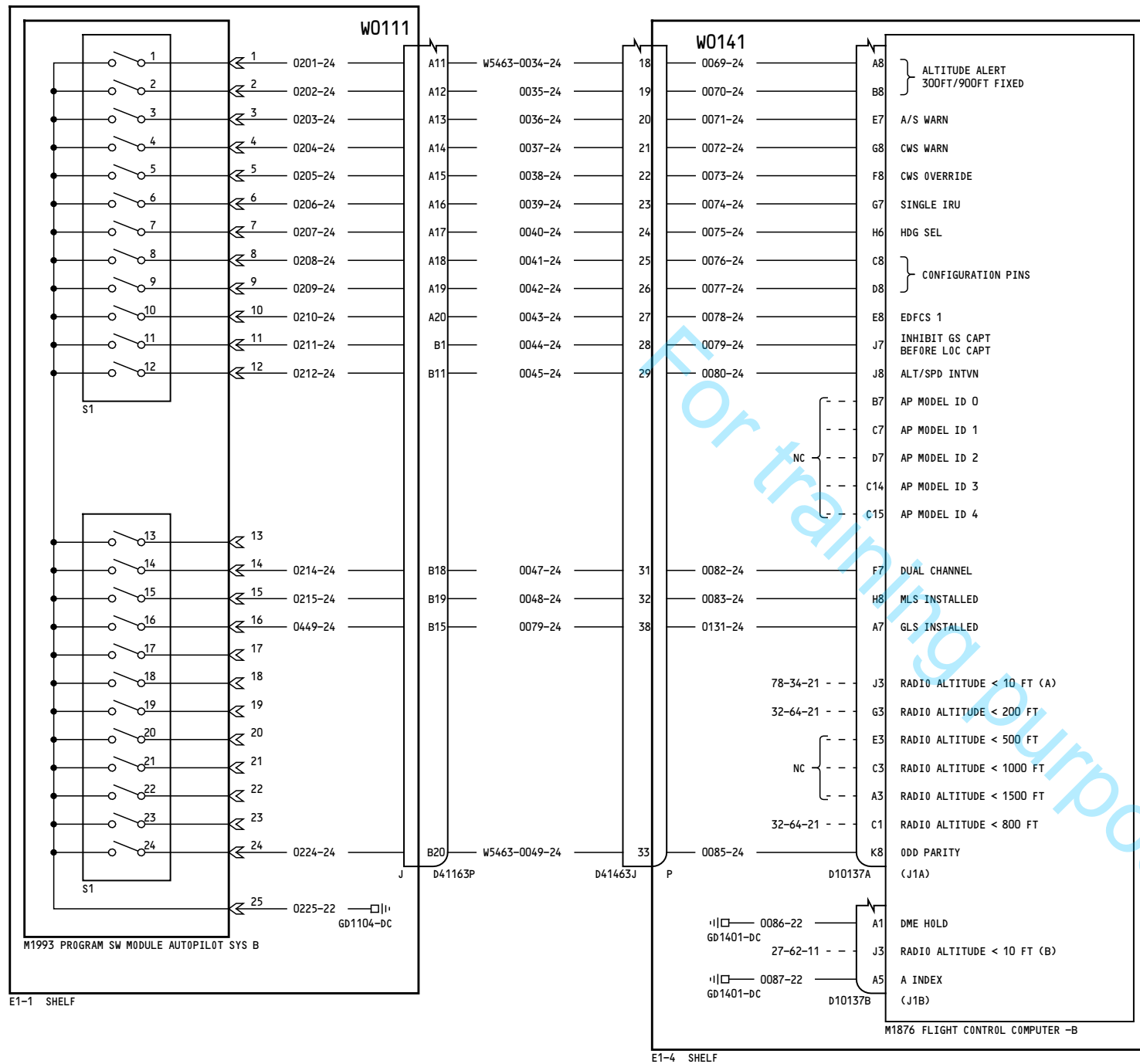
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M1993 (W0119)																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1

NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN231-YN260

DFCS - A AND B  
OPTION PINS

D280A108

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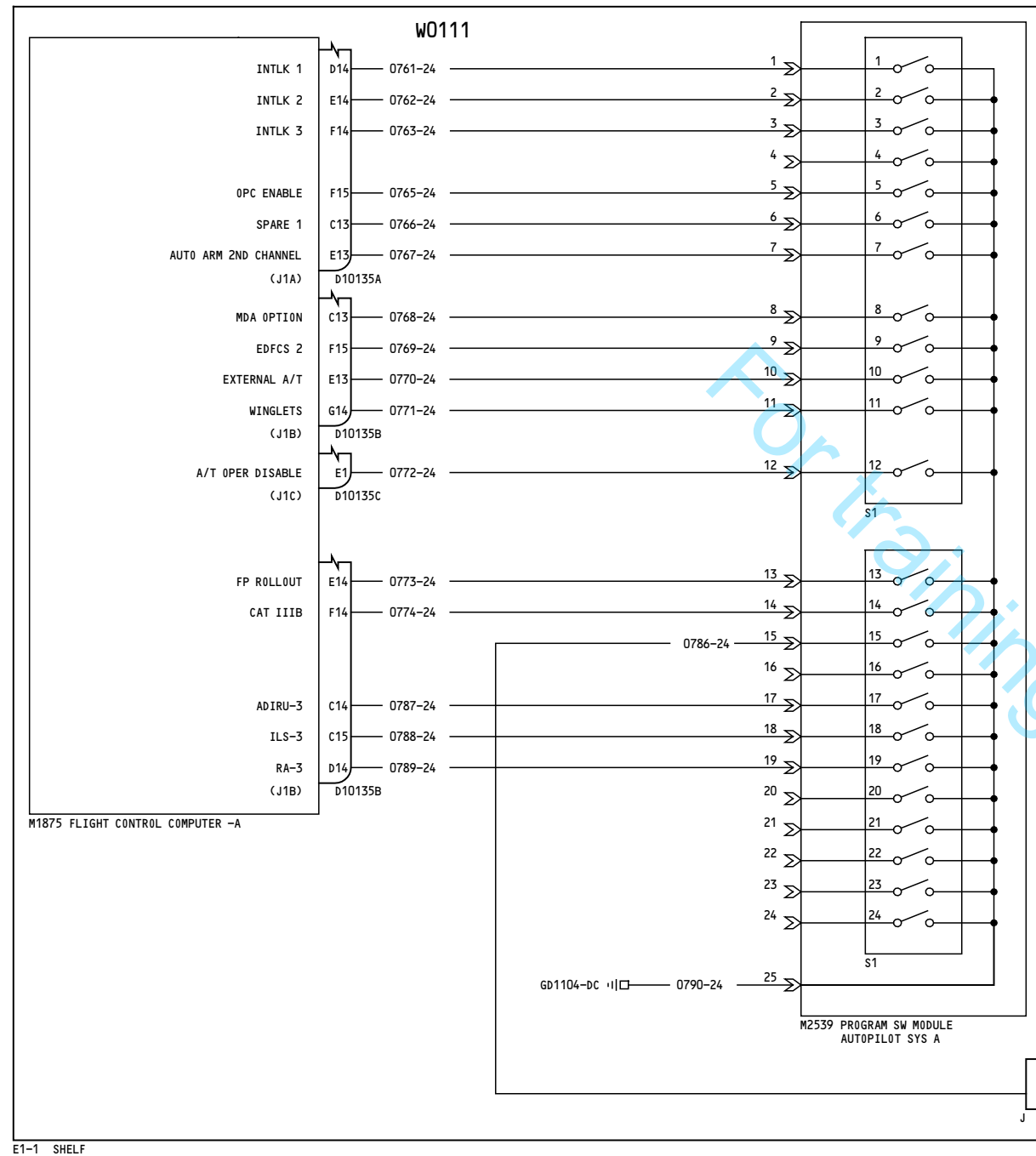
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1

M2539												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN231-YN260

DFCS - A AND B  
OPTION PINS

D280A108

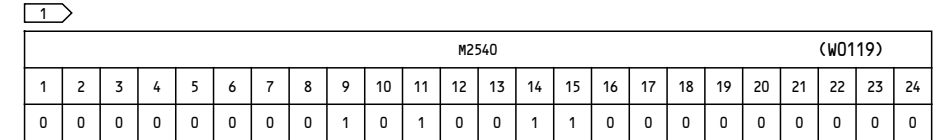
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**NOTES:**

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN231-YN260

### DFCS - A AND B OPTION PINS

D280A108

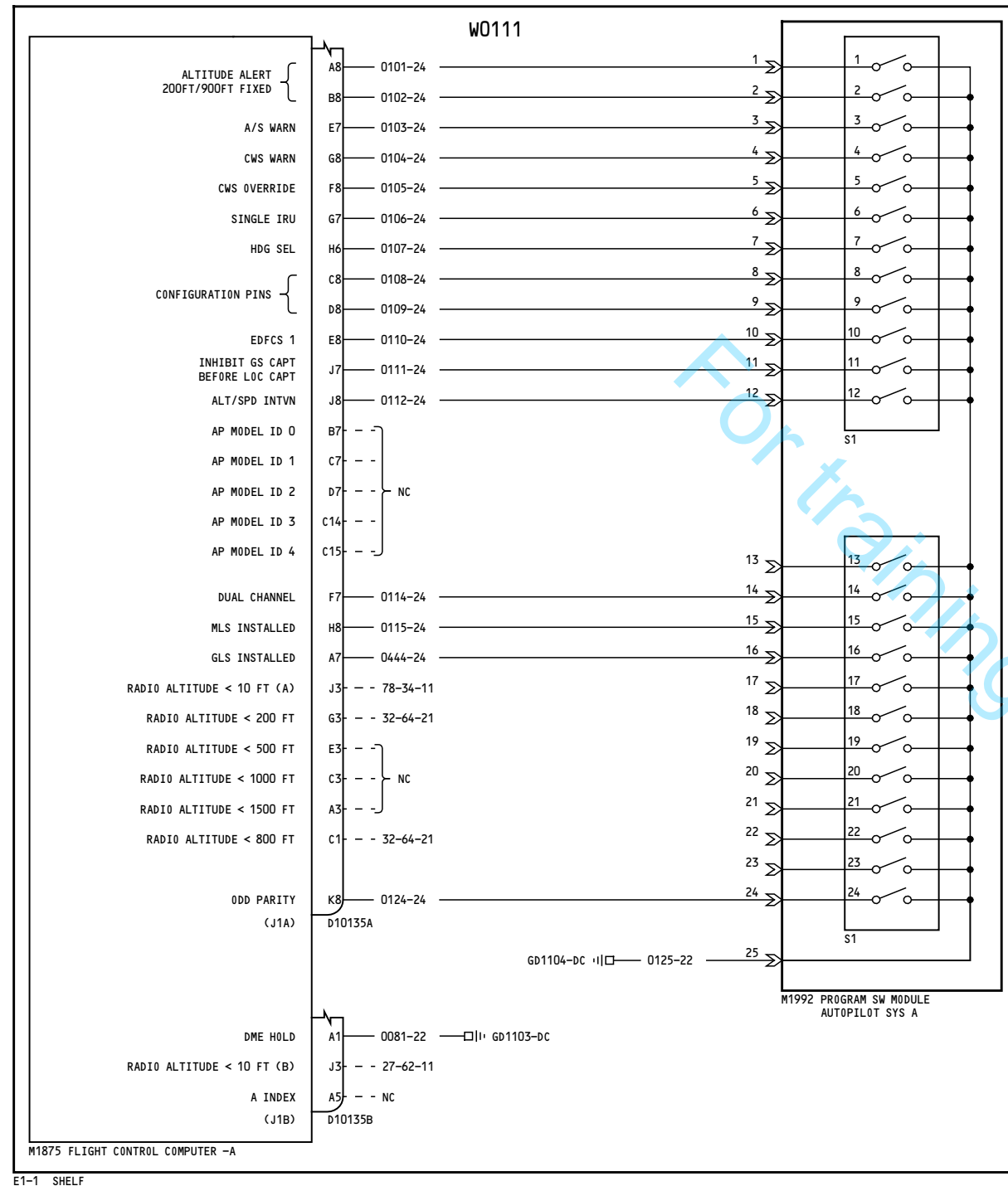
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1

M1992												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1

**NOTES:**

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN501

**DFCS - A AND B  
OPTION PINS**

D280A108

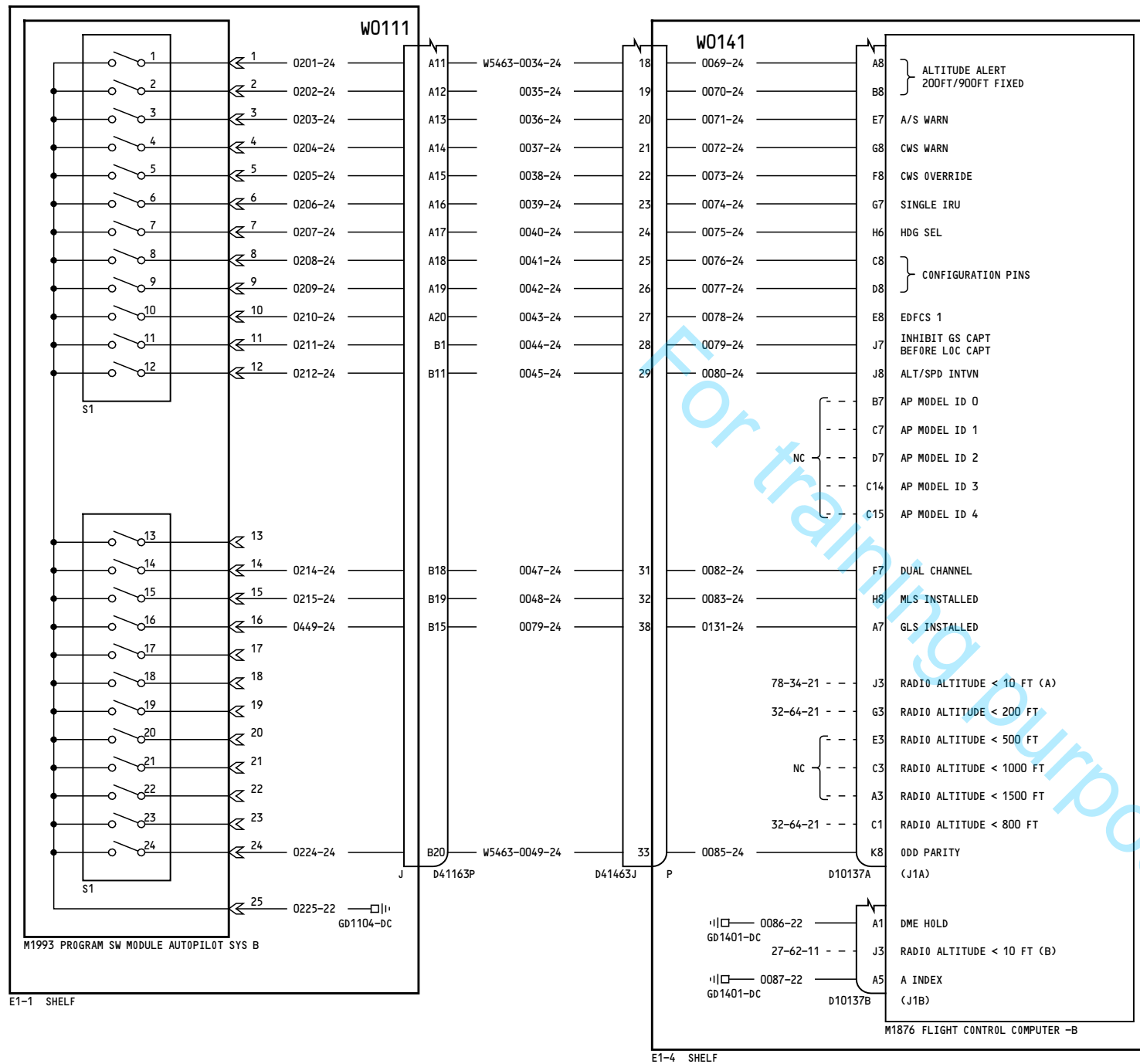
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1

M1993												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1

NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN501

DFCS - A AND B  
OPTION PINS

D280A108

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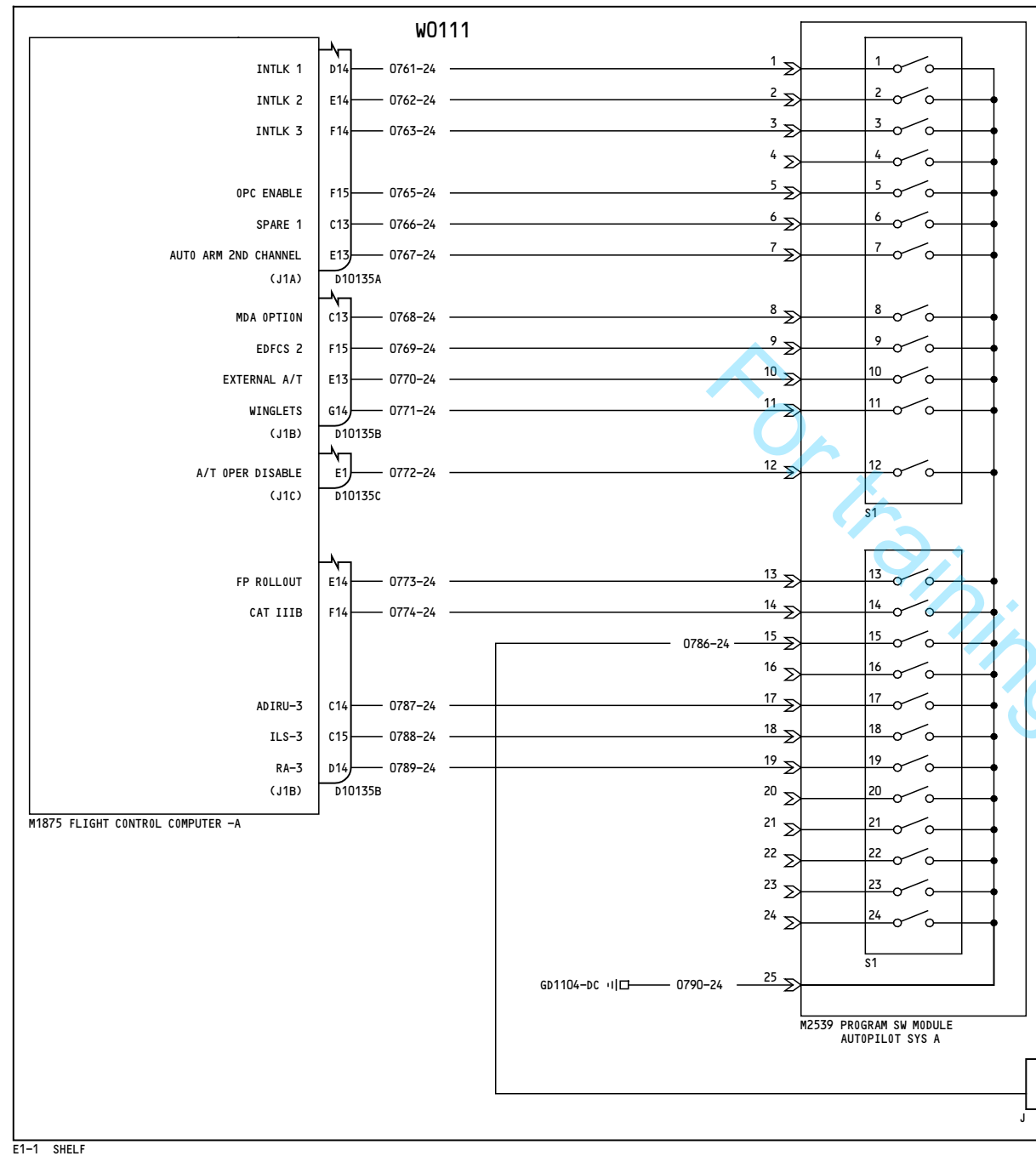
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1

M2539												(W0119)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

NOTES:

1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN501

DFCS - A AND B  
OPTION PINS

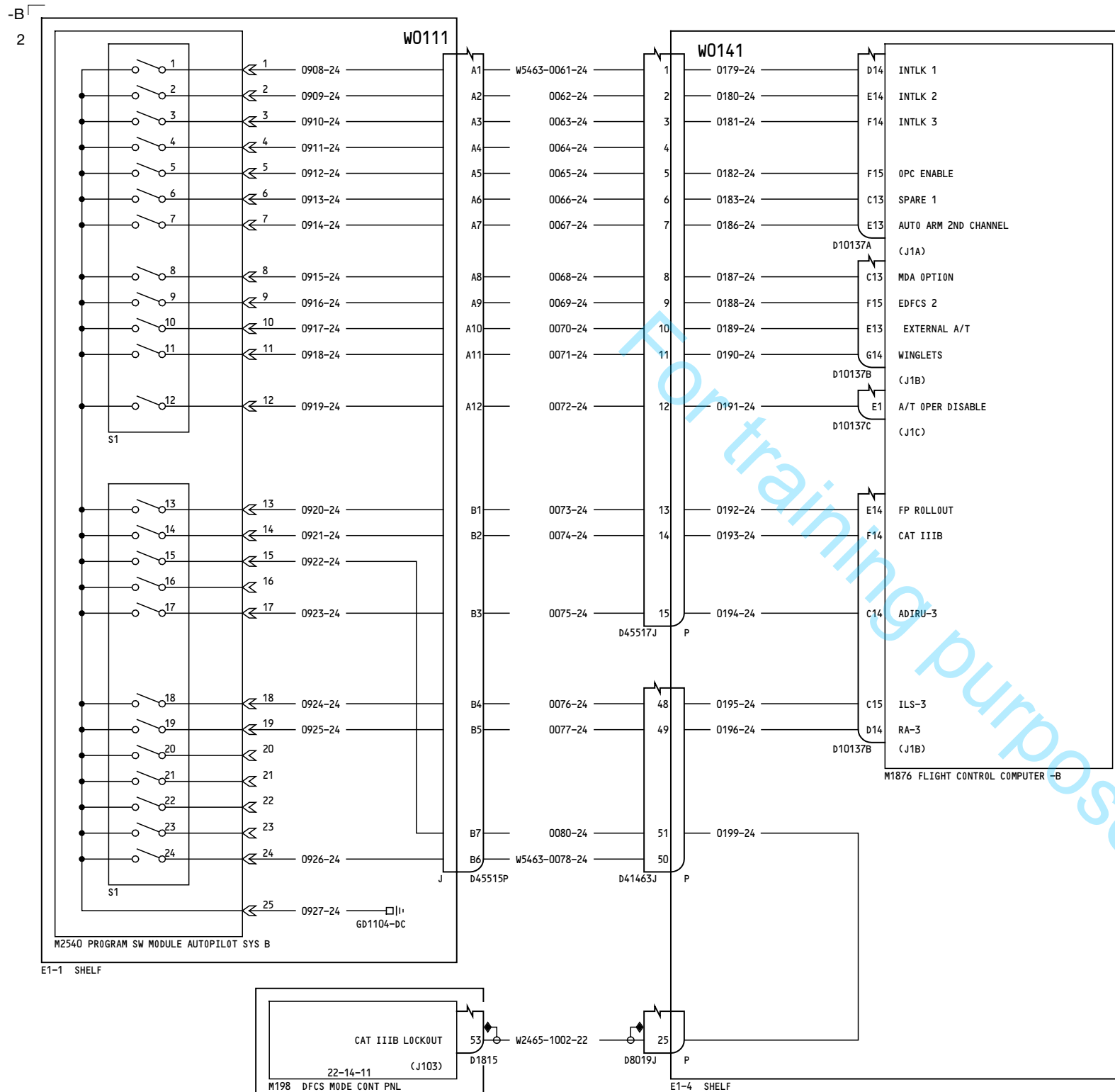
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M2540 (W0119)																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0

NOTES:

- SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YN501

DFCS - A AND B  
OPTION PINS

D280A108

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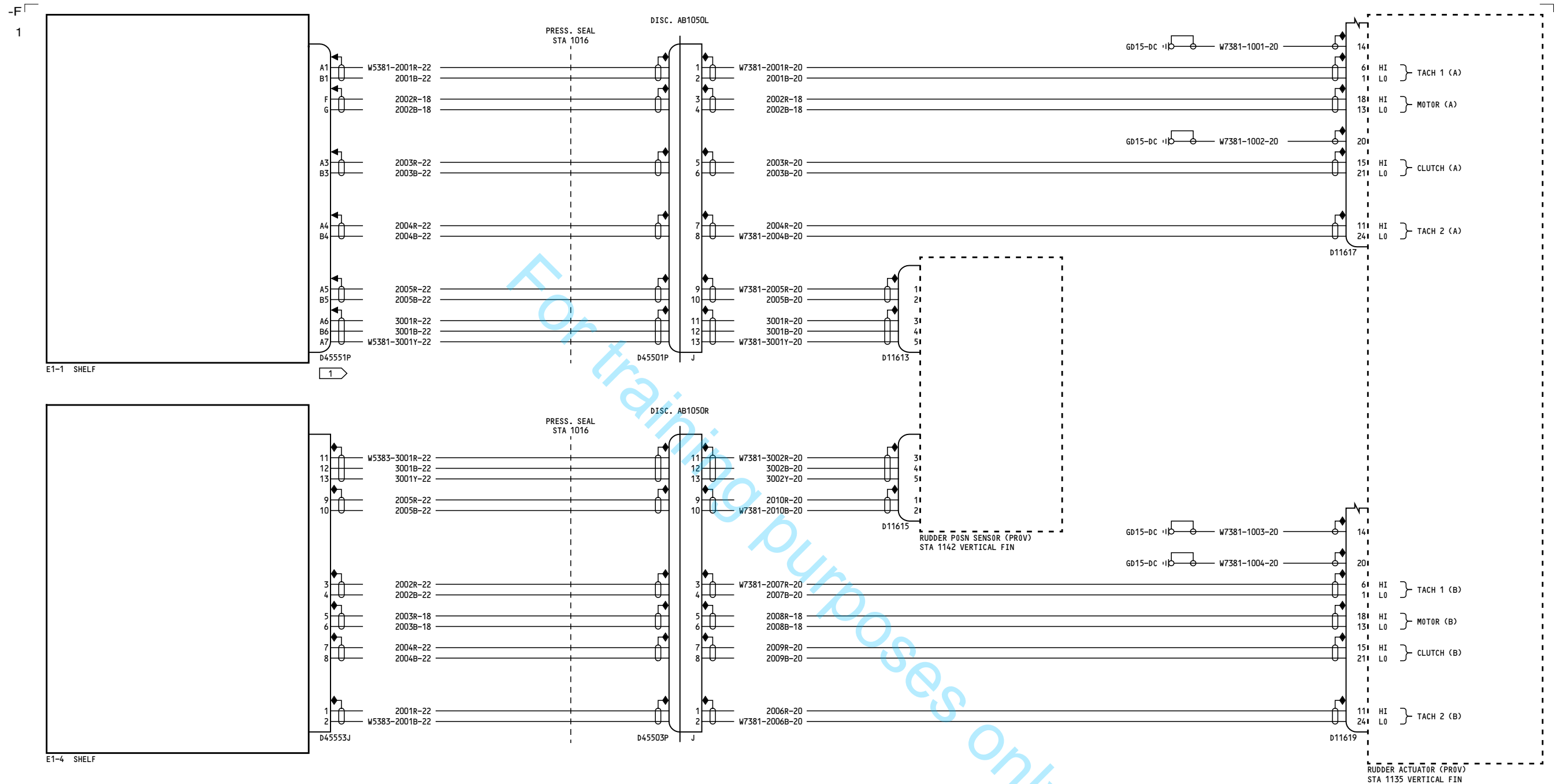
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# 737-700/800 WIRING DIAGRAM MANUAL



## NOTES:

- 1 COIL AND STOW CONNECTOR PER BAC 5162 WHEN MATING EQUIPMENT NOT INSTALLED.

YC064

DFCS - RUDDER COMMAND  
AND CONTROL

D280A108

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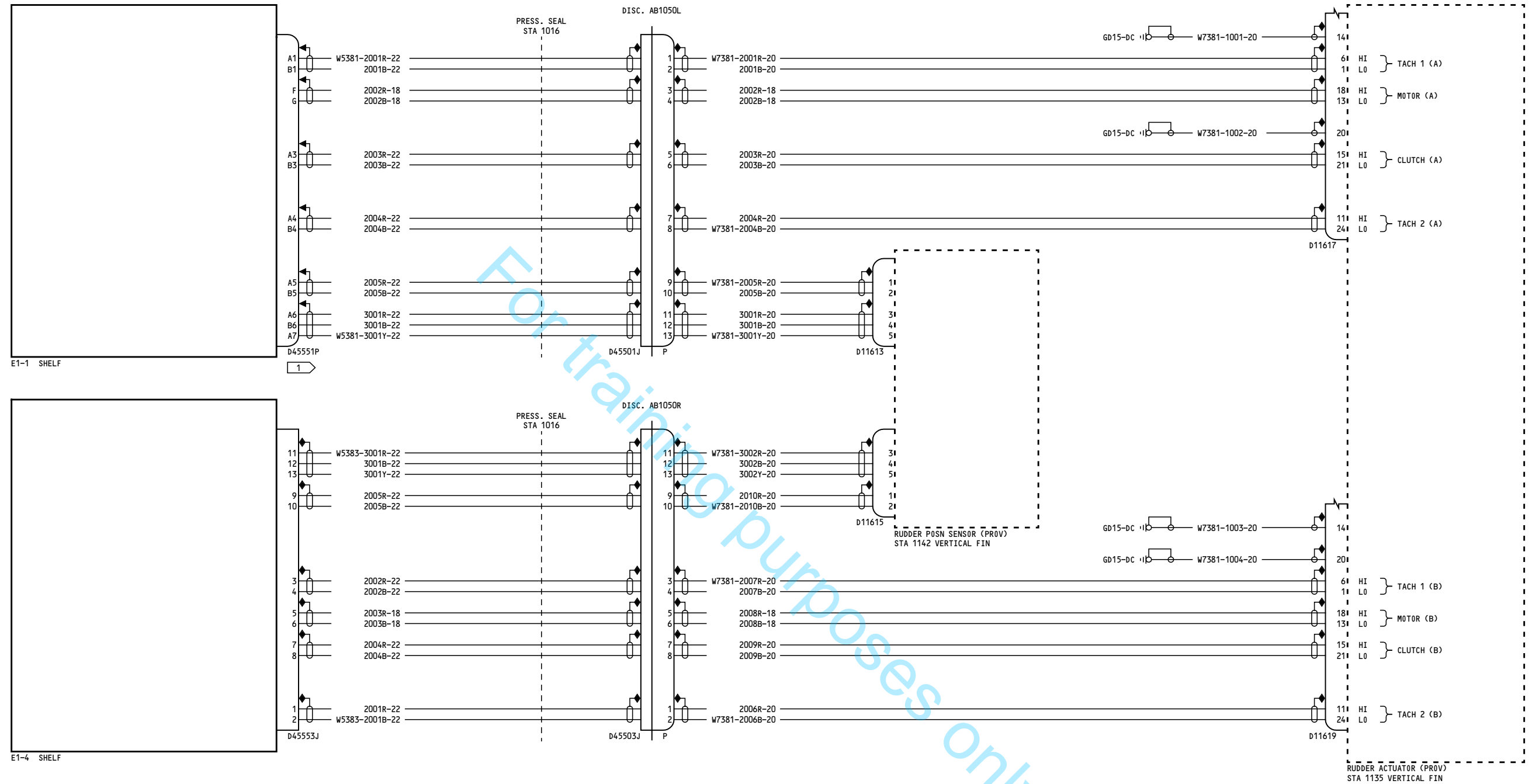
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**NOTES:**

- 1 COIL AND STOW CONNECTOR PER BAC 5162 WHEN MATING EQUIPMENT NOT INSTALLED.

YC065-YC070

**DFCS - RUDDER COMMAND  
AND CONTROL**

D280A108

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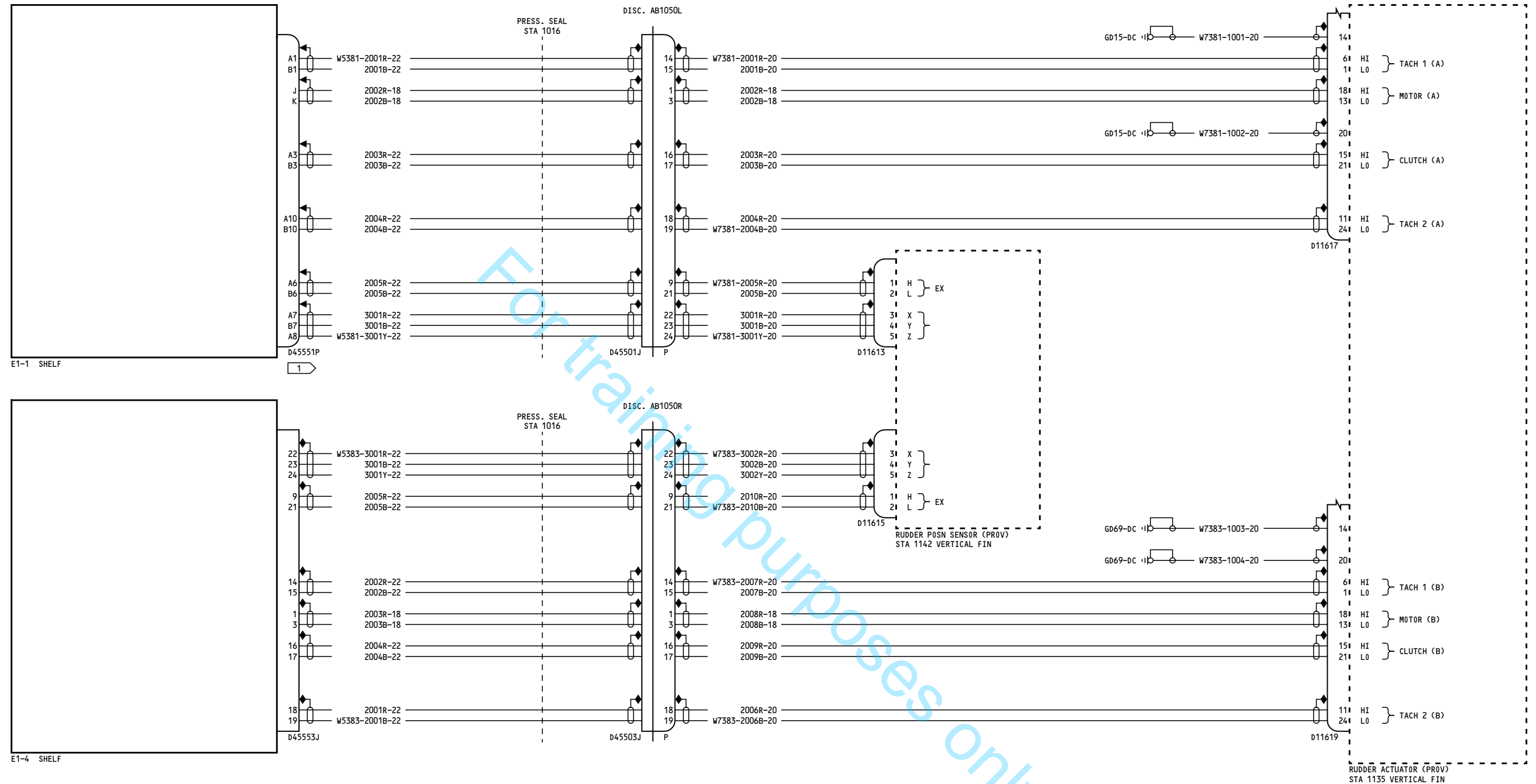
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YD151-YD155

DFCS - RUDDER COMMAND  
AND CONTROL

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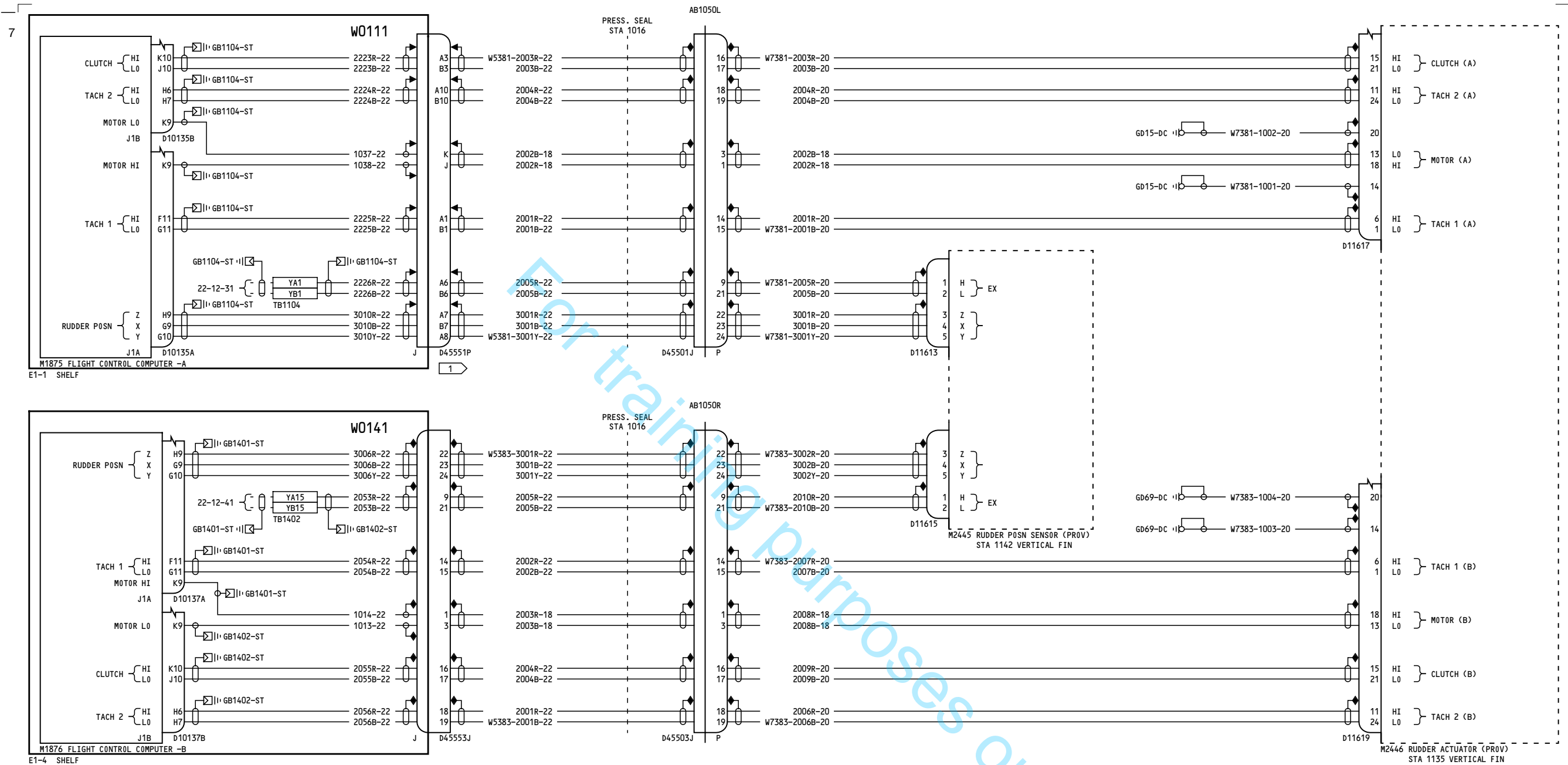
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YD157-YD158

DFCS - RUDDER COMMAND  
AND CONTROL

D280A108

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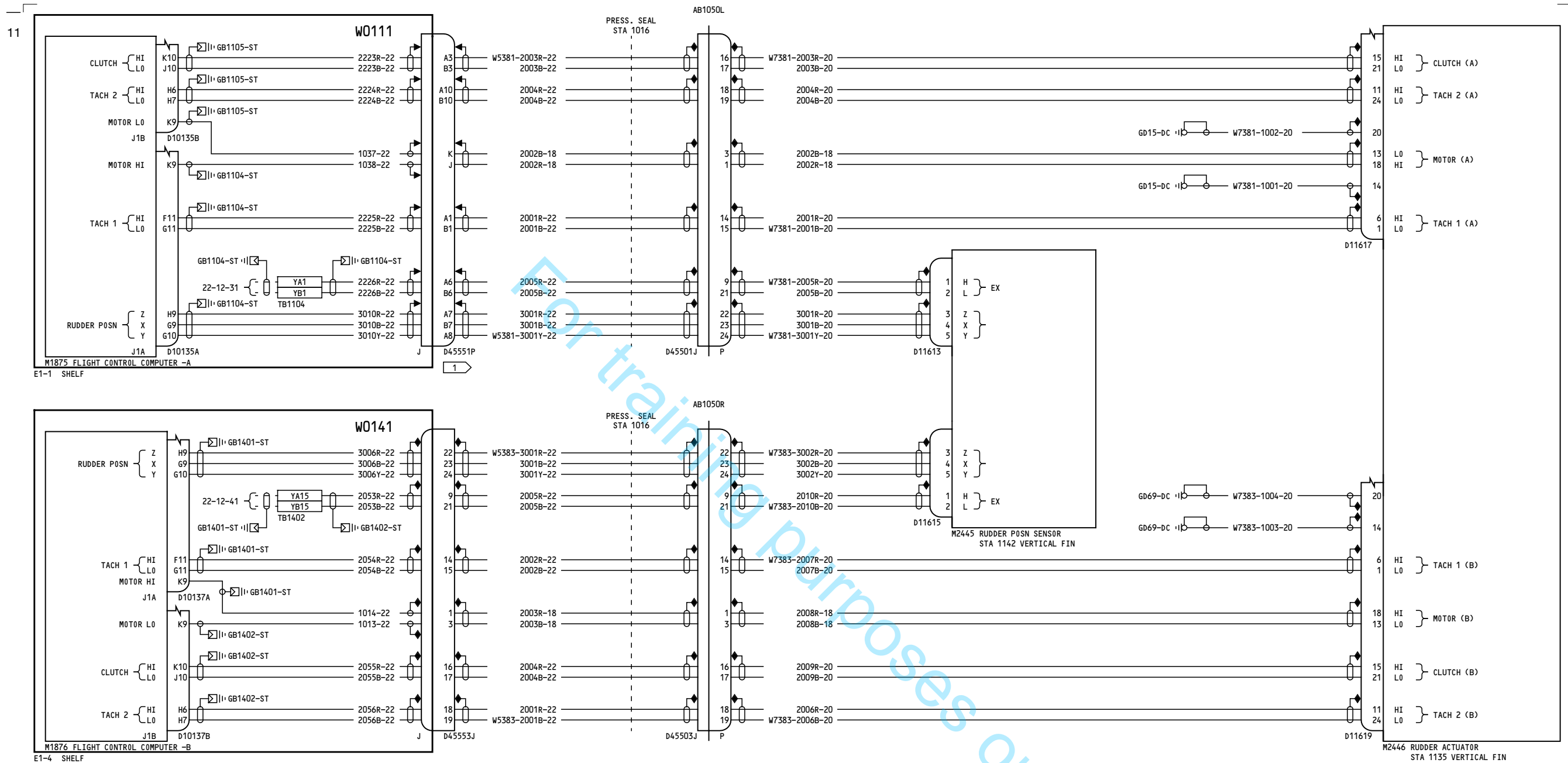
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YL951-YR328

**DFCS - RUDDER COMMAND  
AND CONTROL**

D280A108

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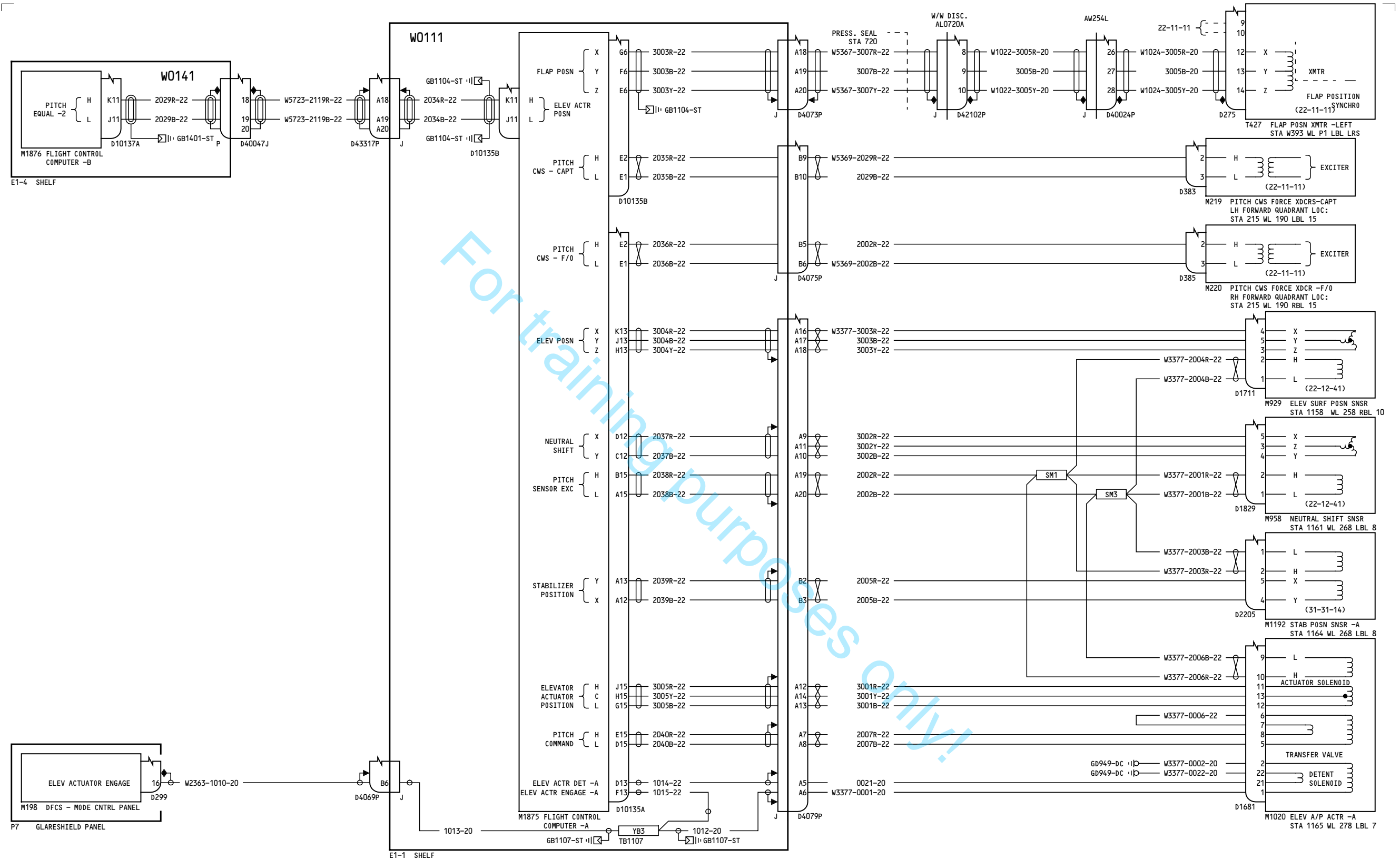
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YC051-YC052

## DFCS - A A/P PITCH SENSORS AND ACTUATORS

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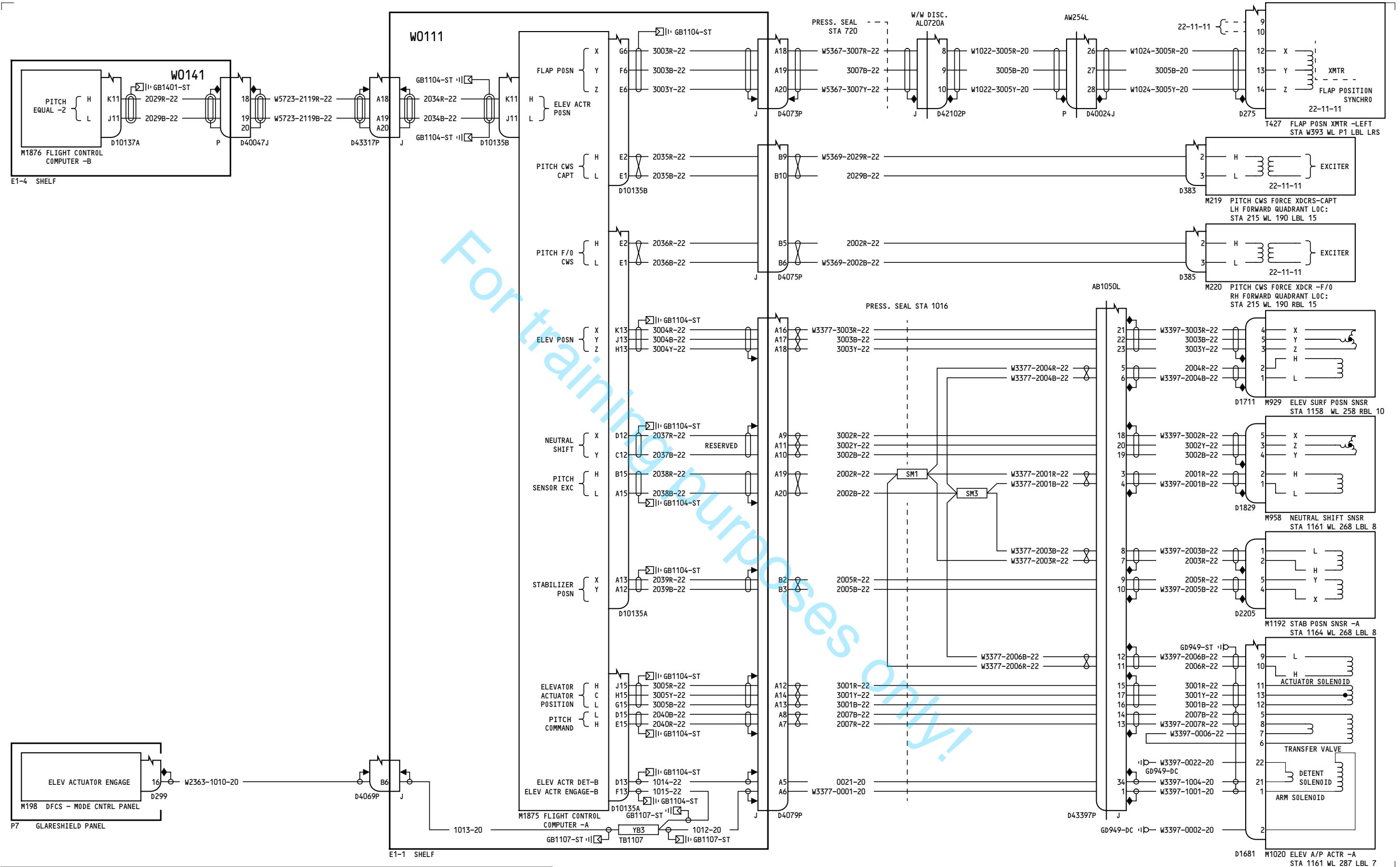
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YC053-YC070

## DFCS - A A/P PITCH SENSORS AND ACTUATORS

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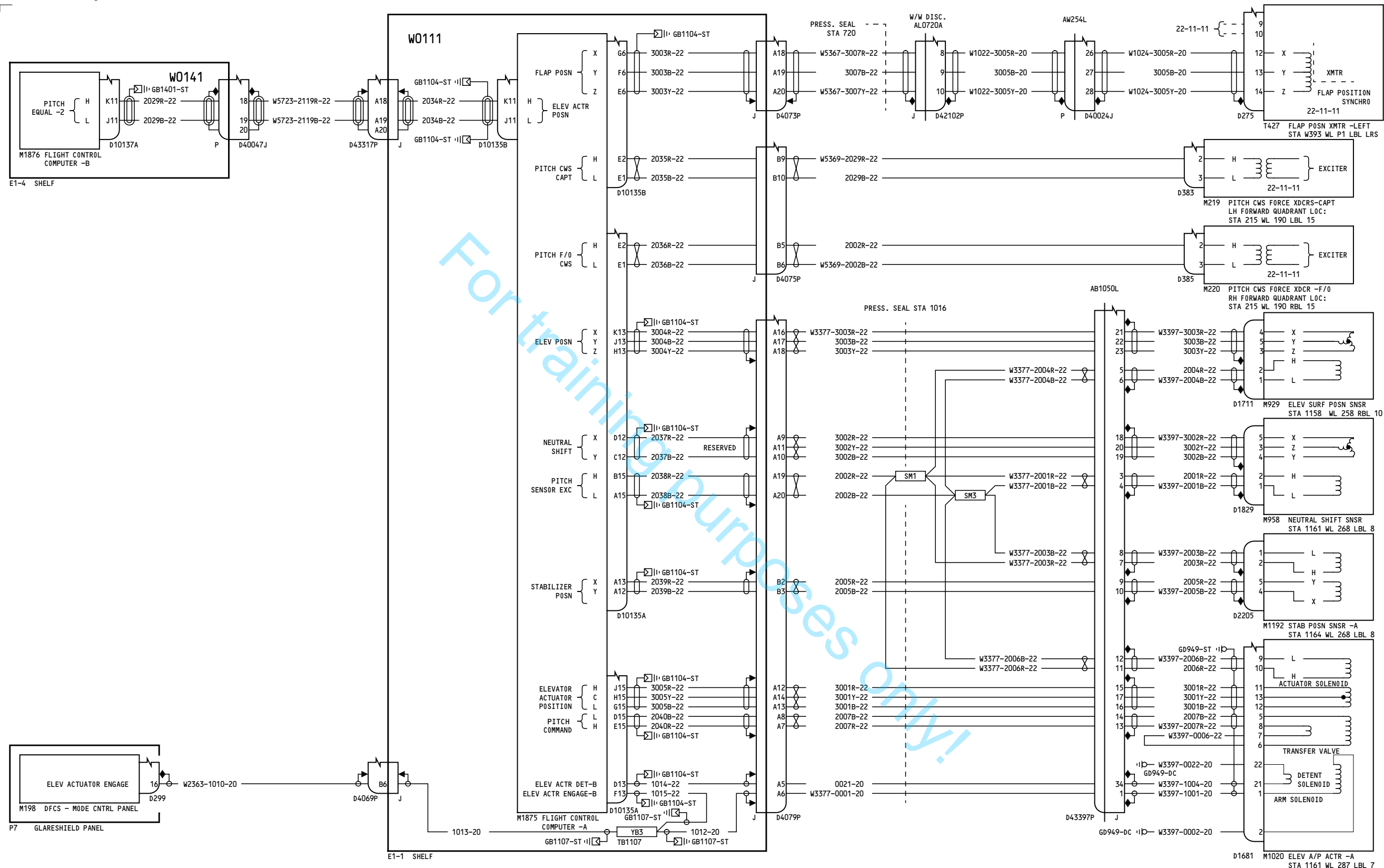
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YD151-YD153

**DFCS - A A/P PITCH  
SENSORS AND ACTUATORS**

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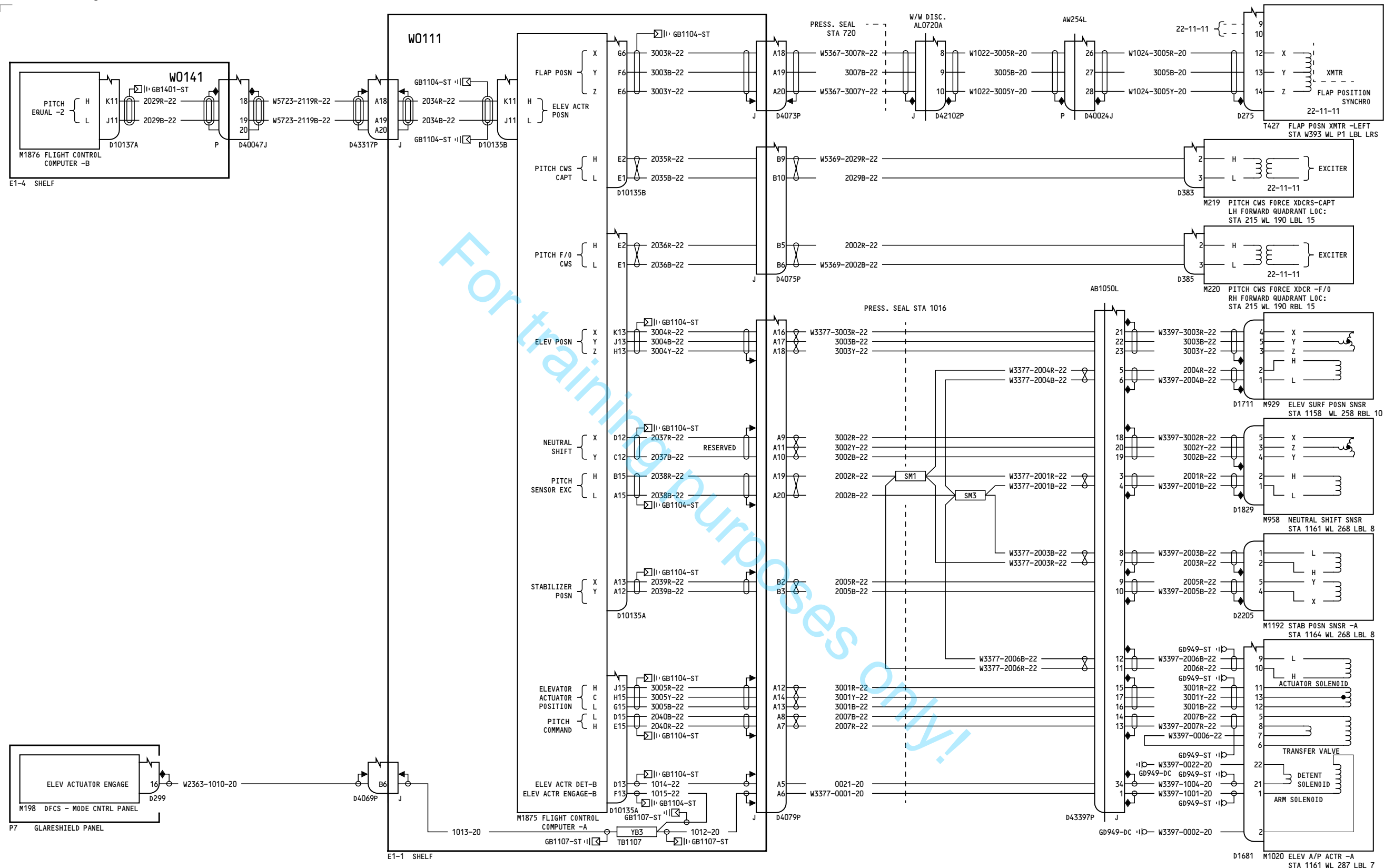
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YD154-YD155

**DFCS - A A/P PITCH  
SENSORS AND ACTUATORS**

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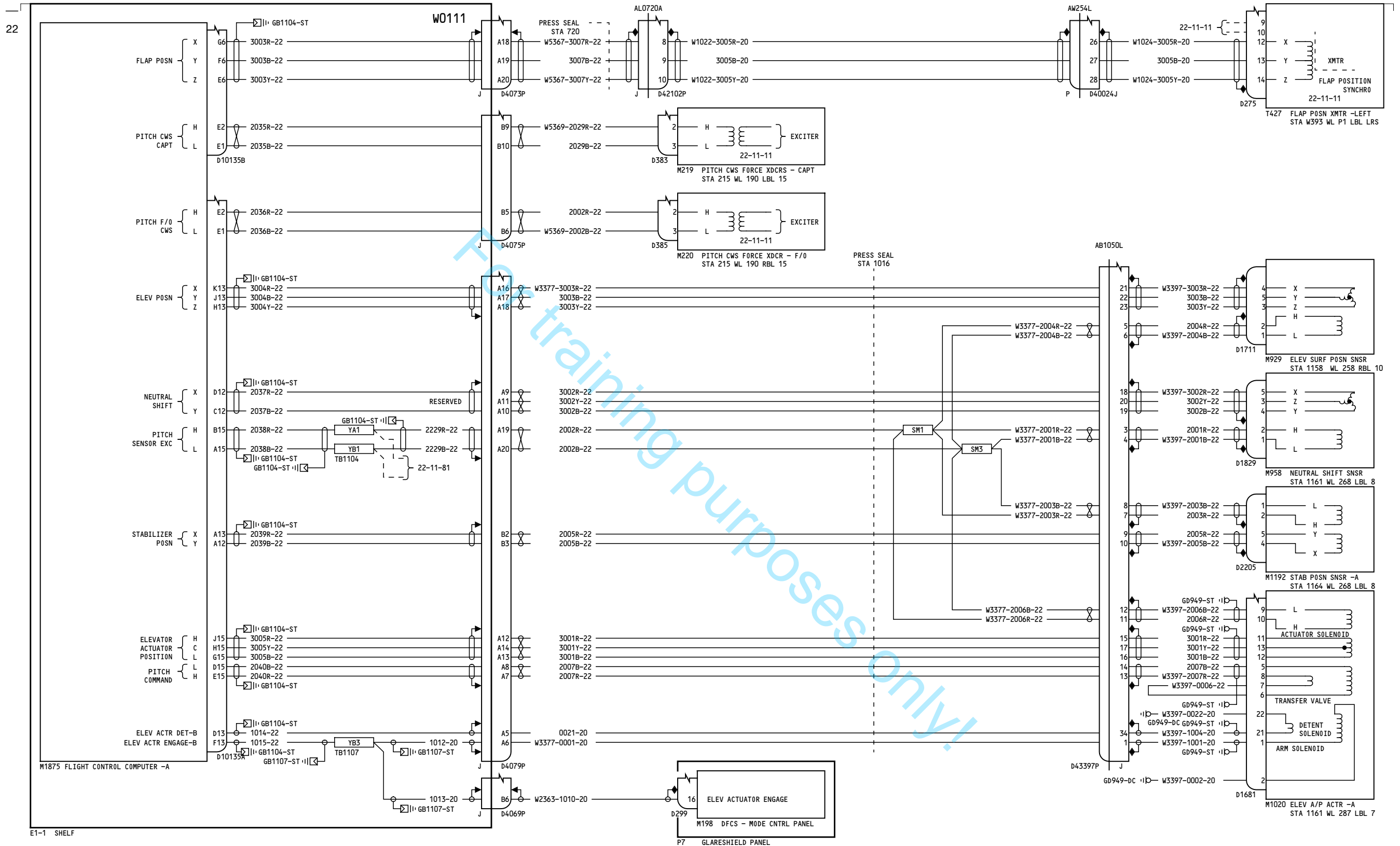
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YD157-YD158

DFCS - A A/P PITCH  
SENSORS AND ACTUATORS

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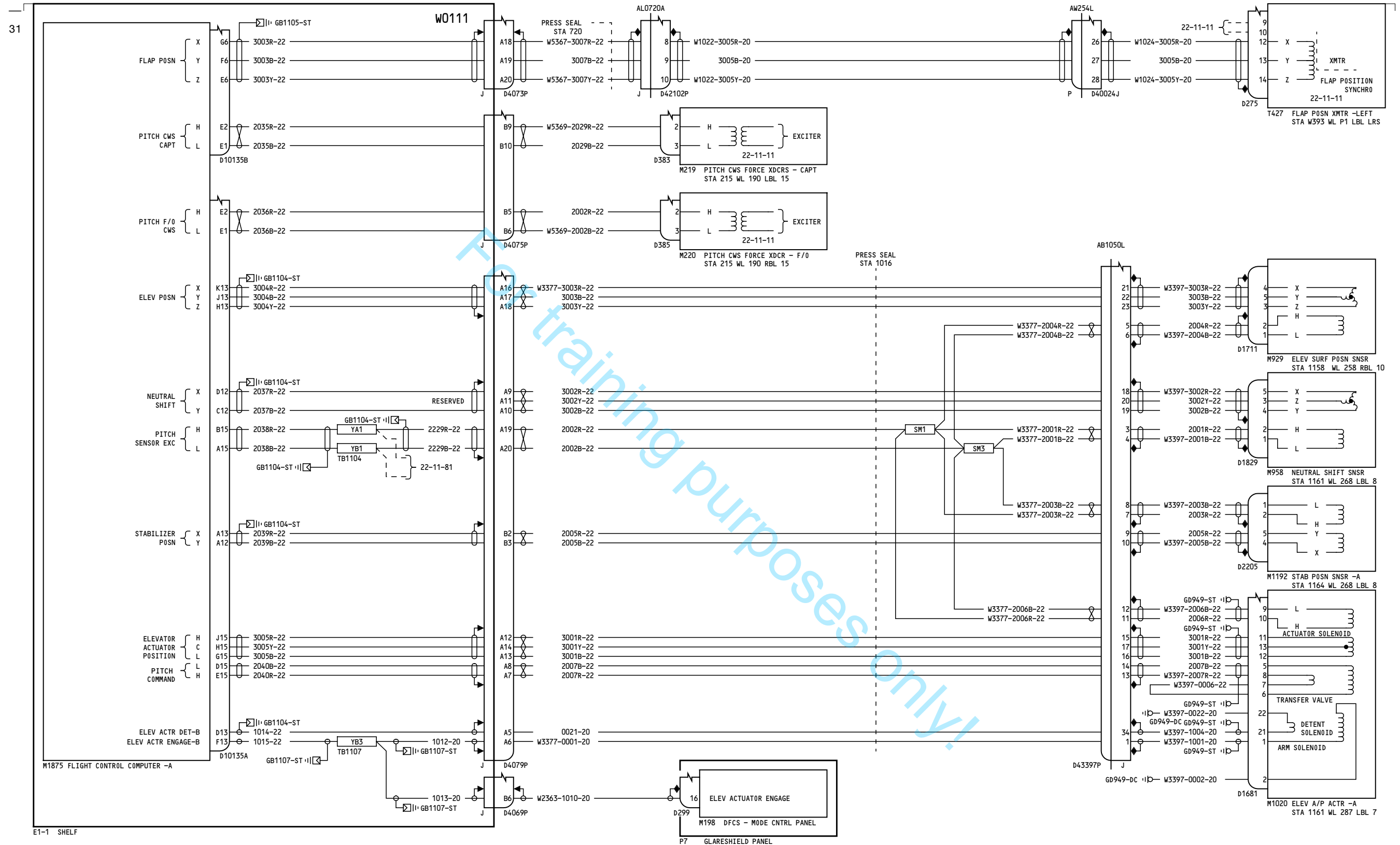
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YL951-YN236, YN501-YR314

## DFCS - A A/P PITCH SENSORS AND ACTUATORS

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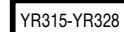
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## DFCS - A A/P PITCH SENSORS AND ACTUATORS

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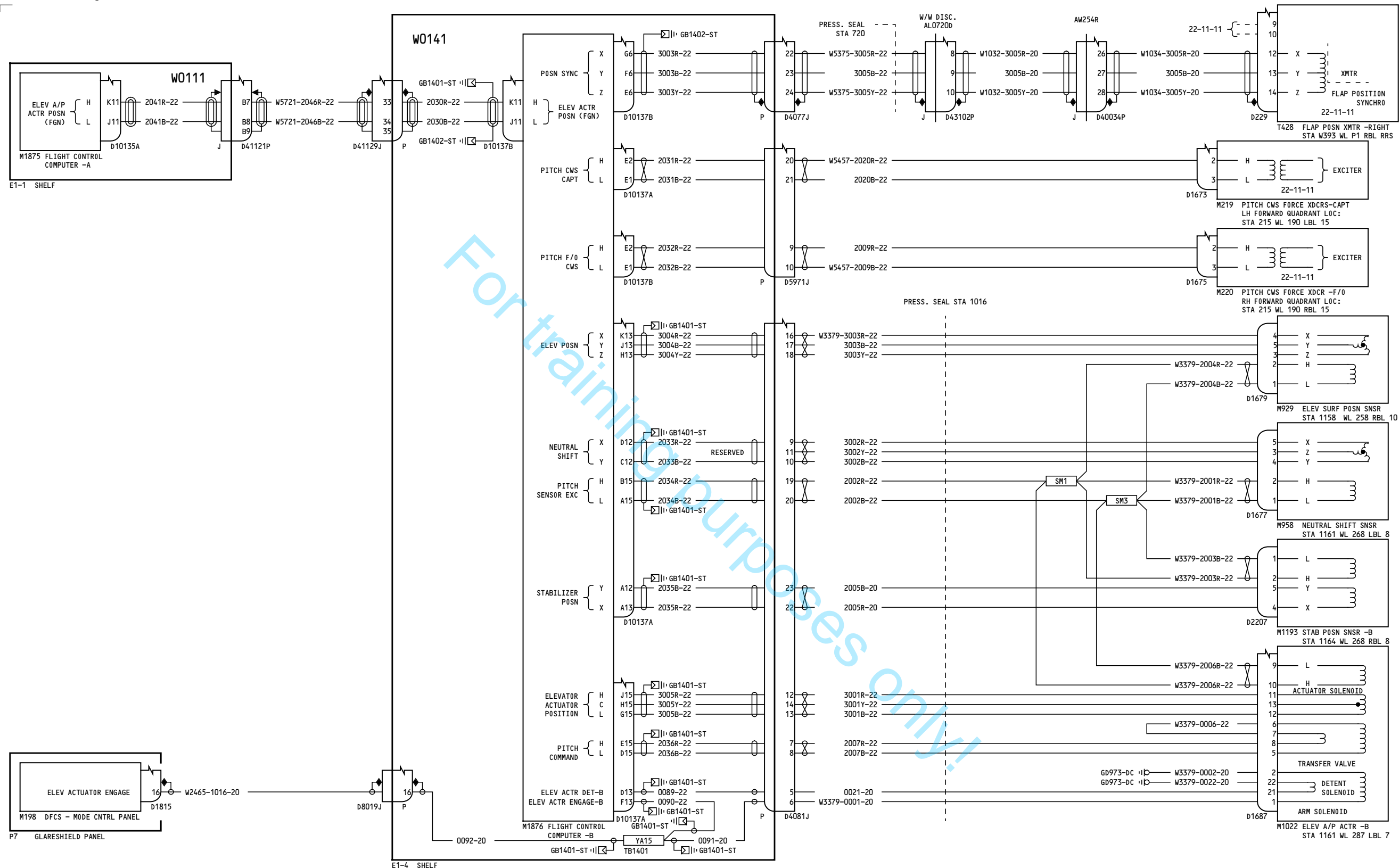
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YC051-YC052

DFCS - B A/P PITCH  
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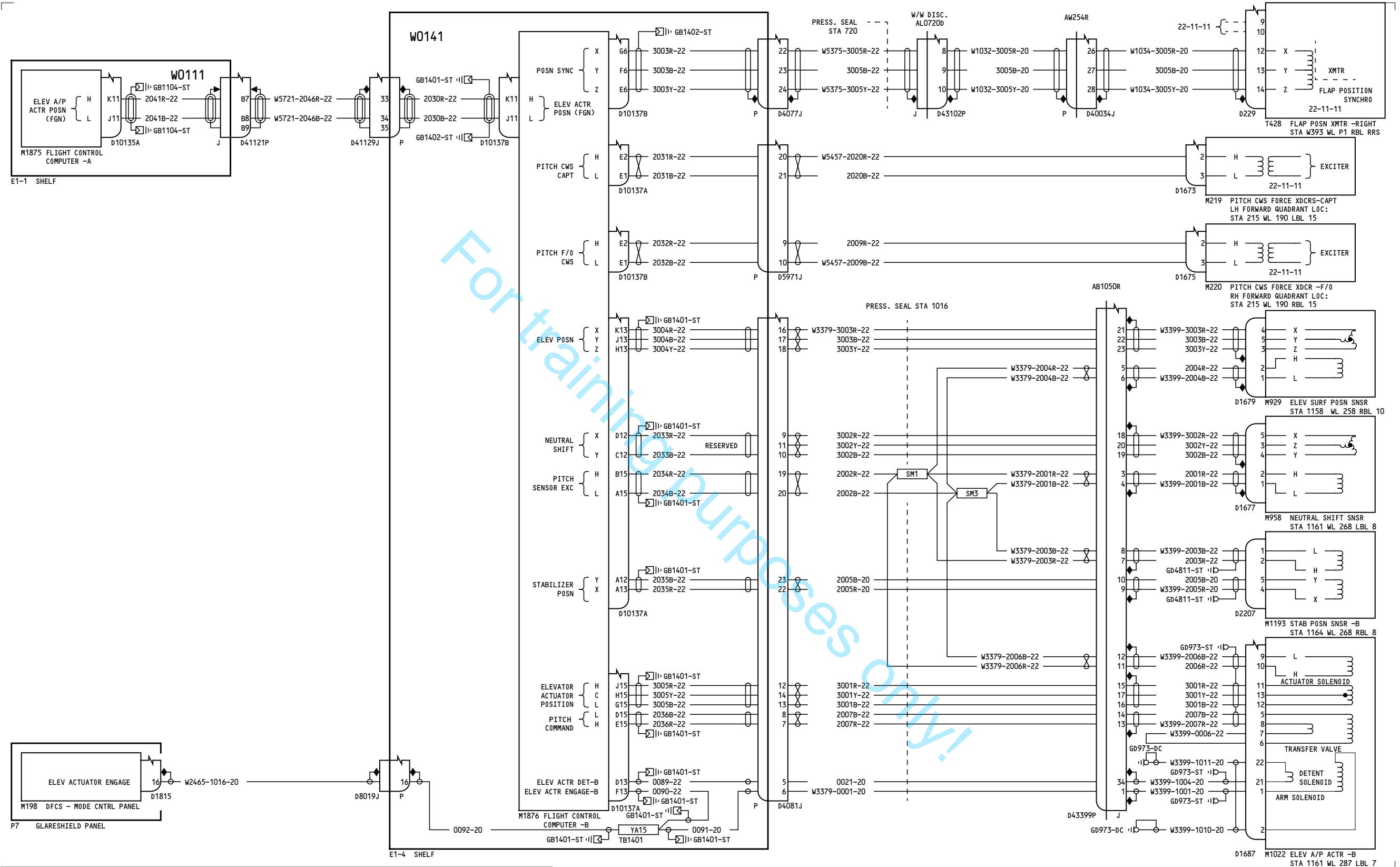
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YC053-YC070

## DFCS - B A/P PITCH SENSORS AND ACTUATORS

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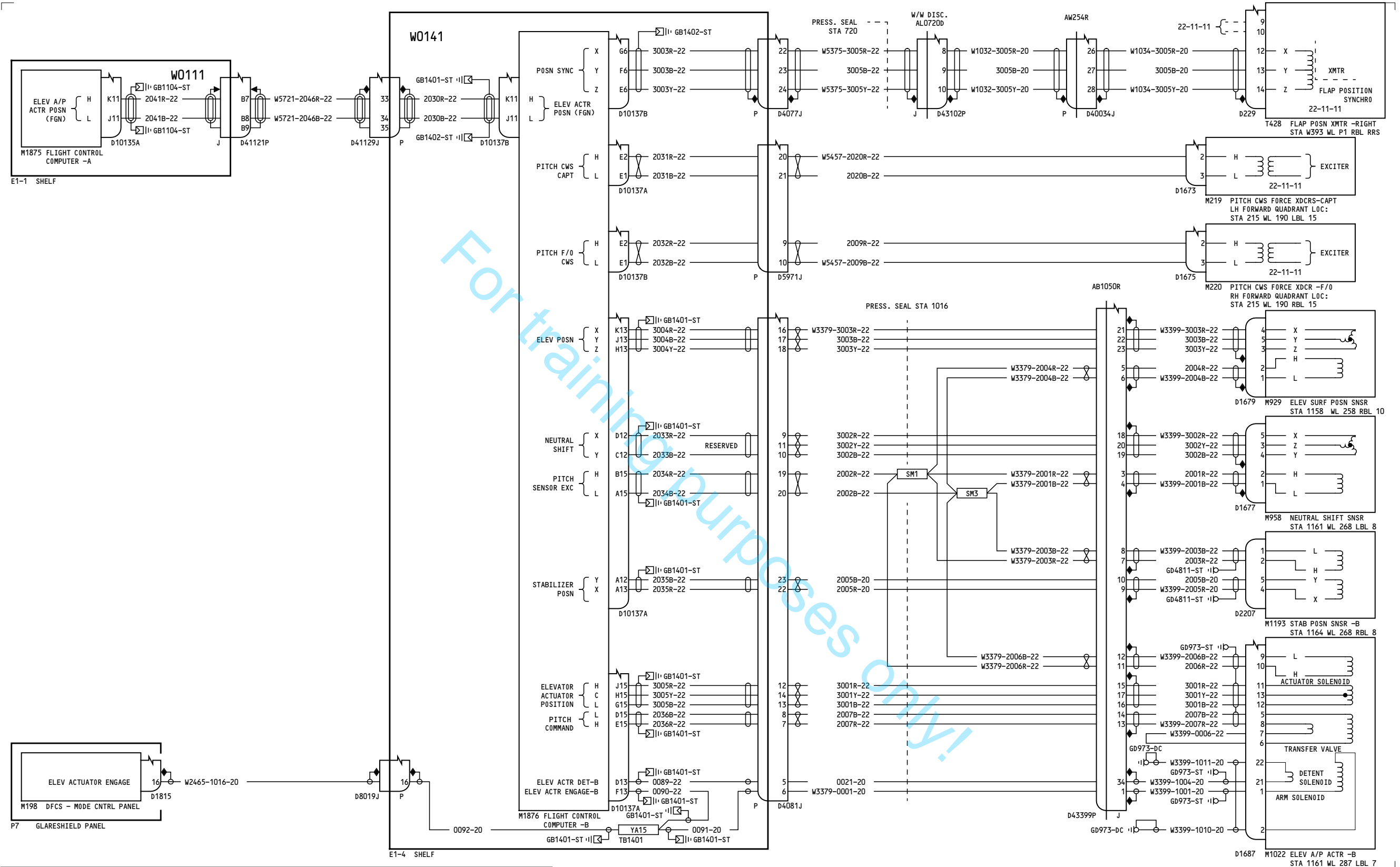
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YD151-YD153

## DFCS - B A/P PITCH SENSORS AND ACTUATORS

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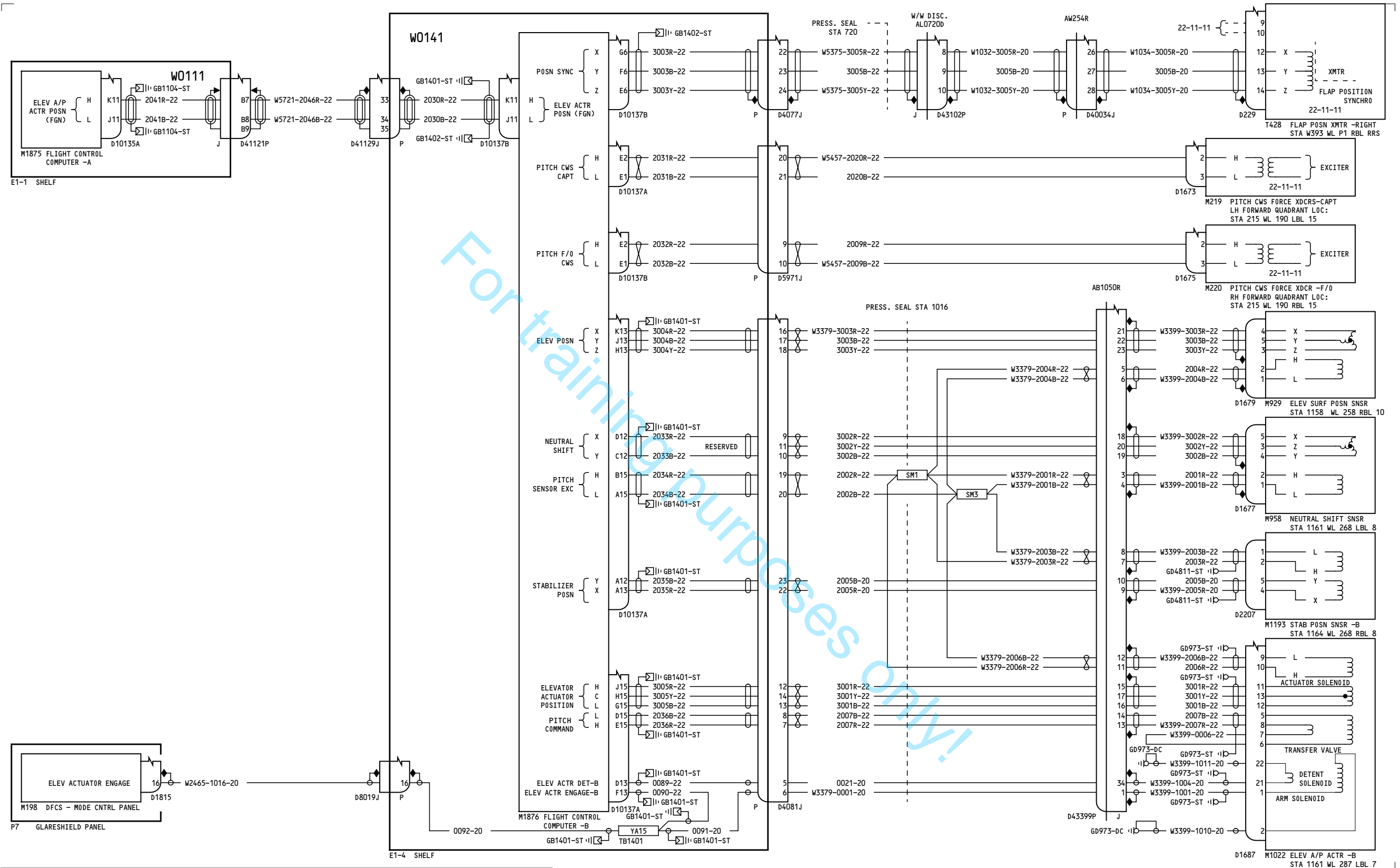
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YD154-YD155

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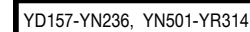
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## DFCS - B A/P PITCH SENSORS AND ACTUATORS

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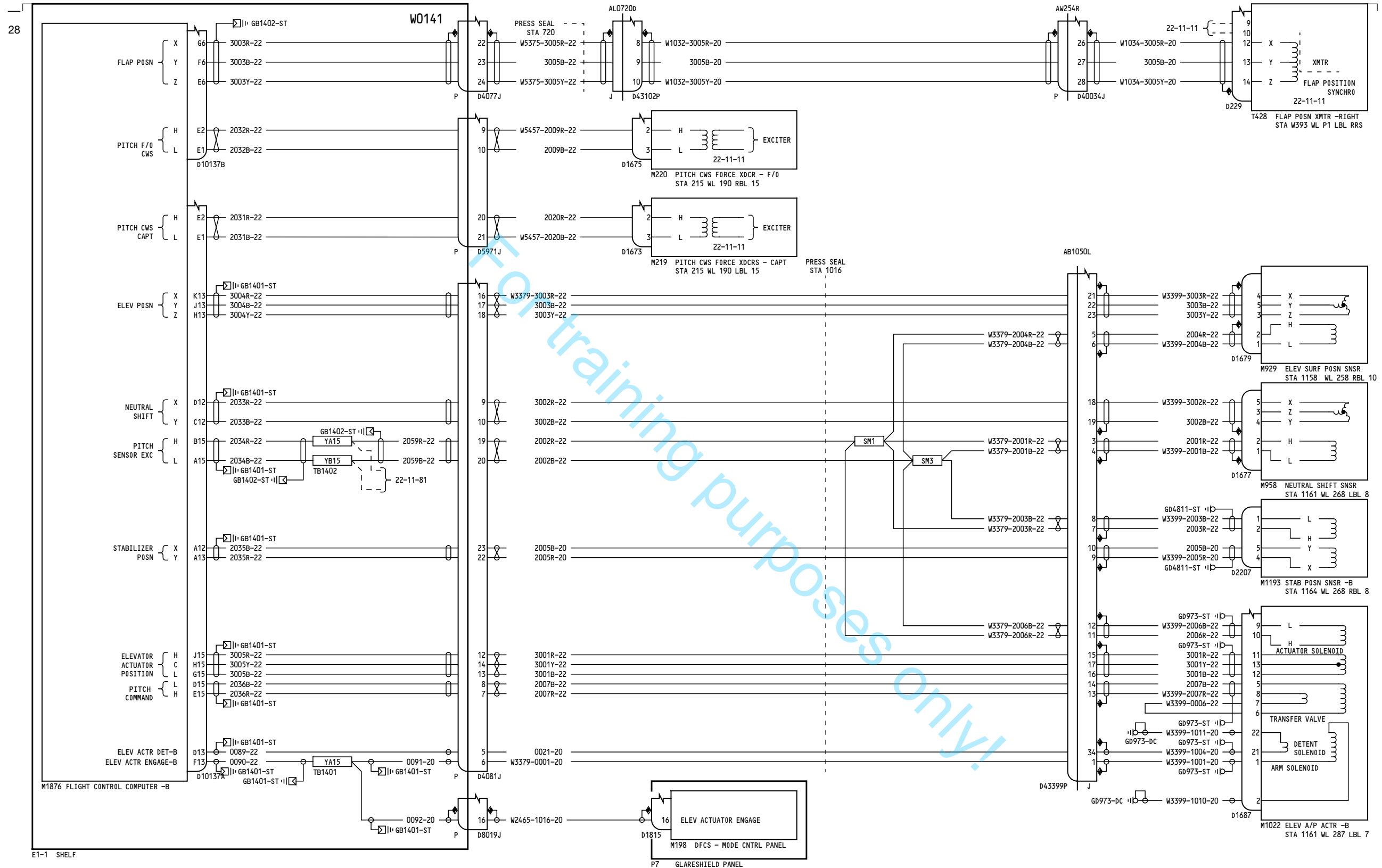
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YR315-YR328

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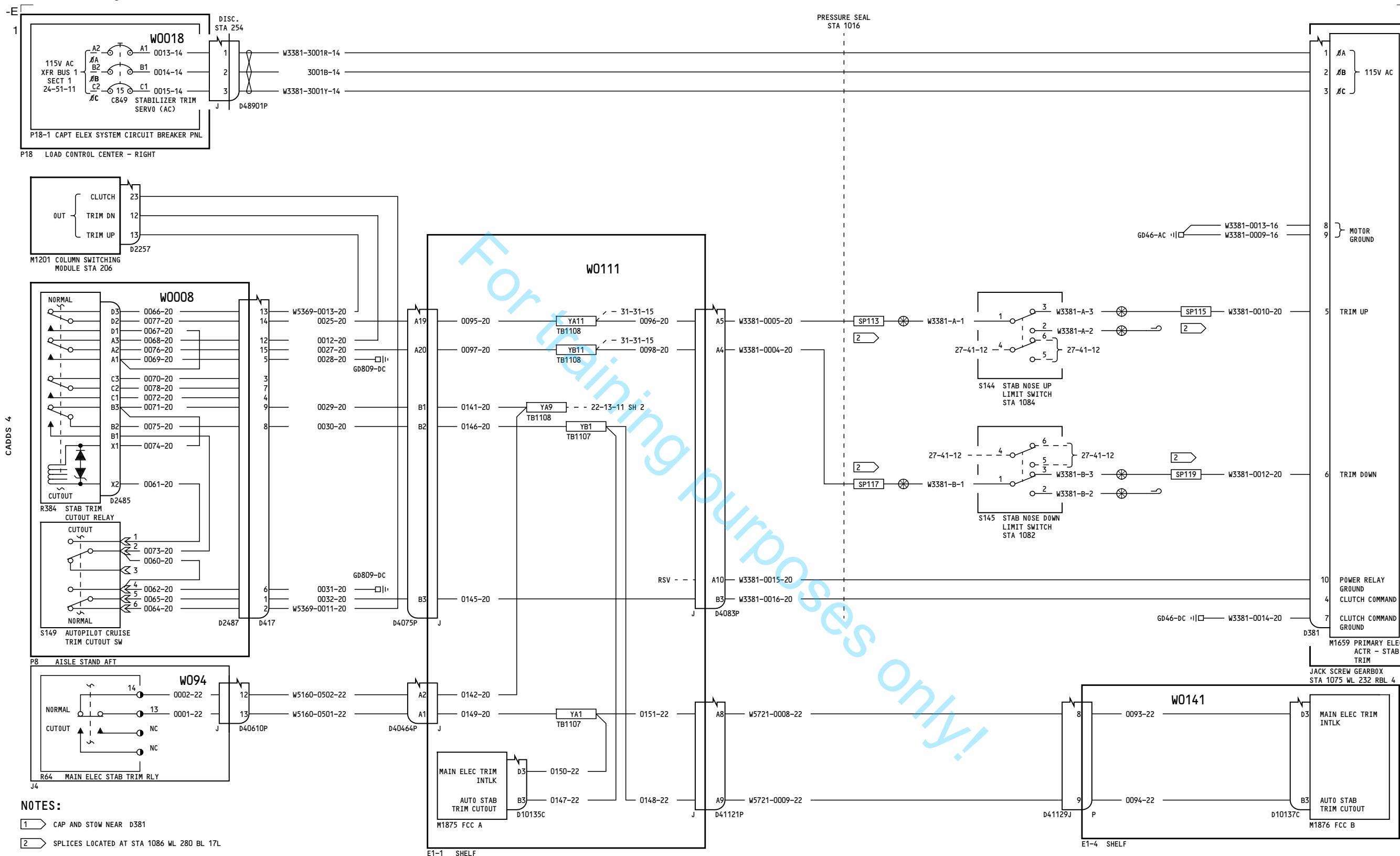
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YC051-YC052

DFCS - A AND B SPEED  
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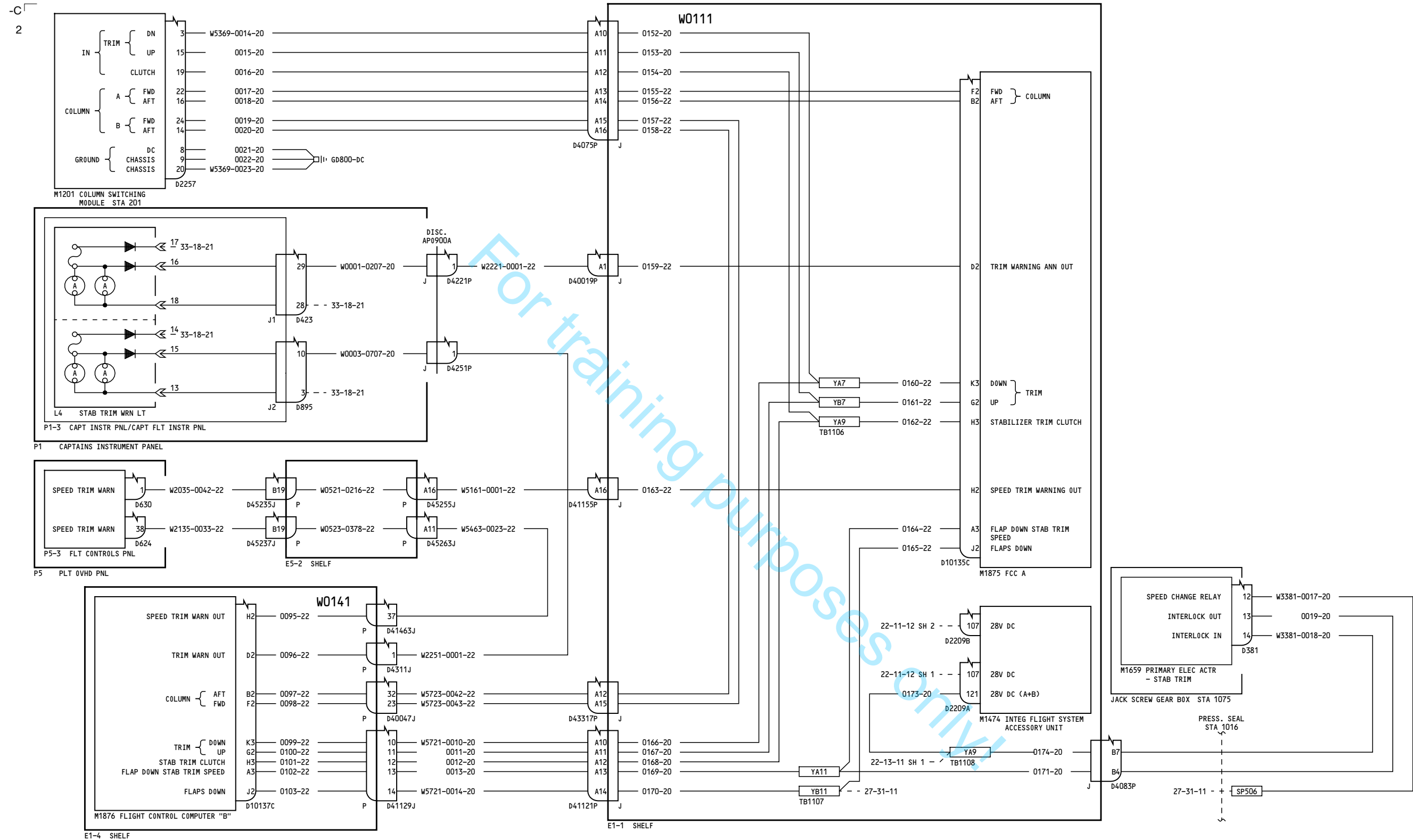
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YC051-YC052

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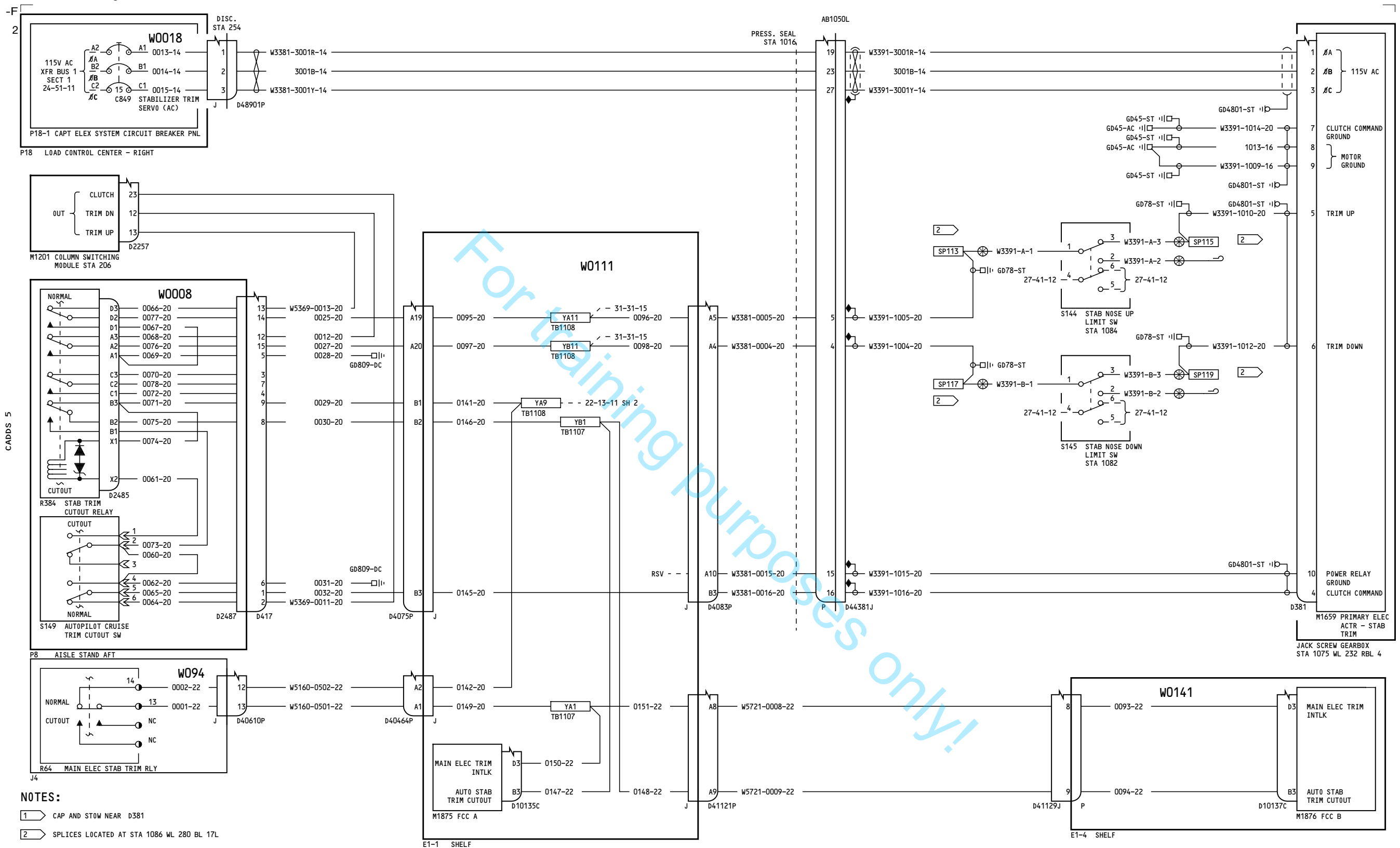
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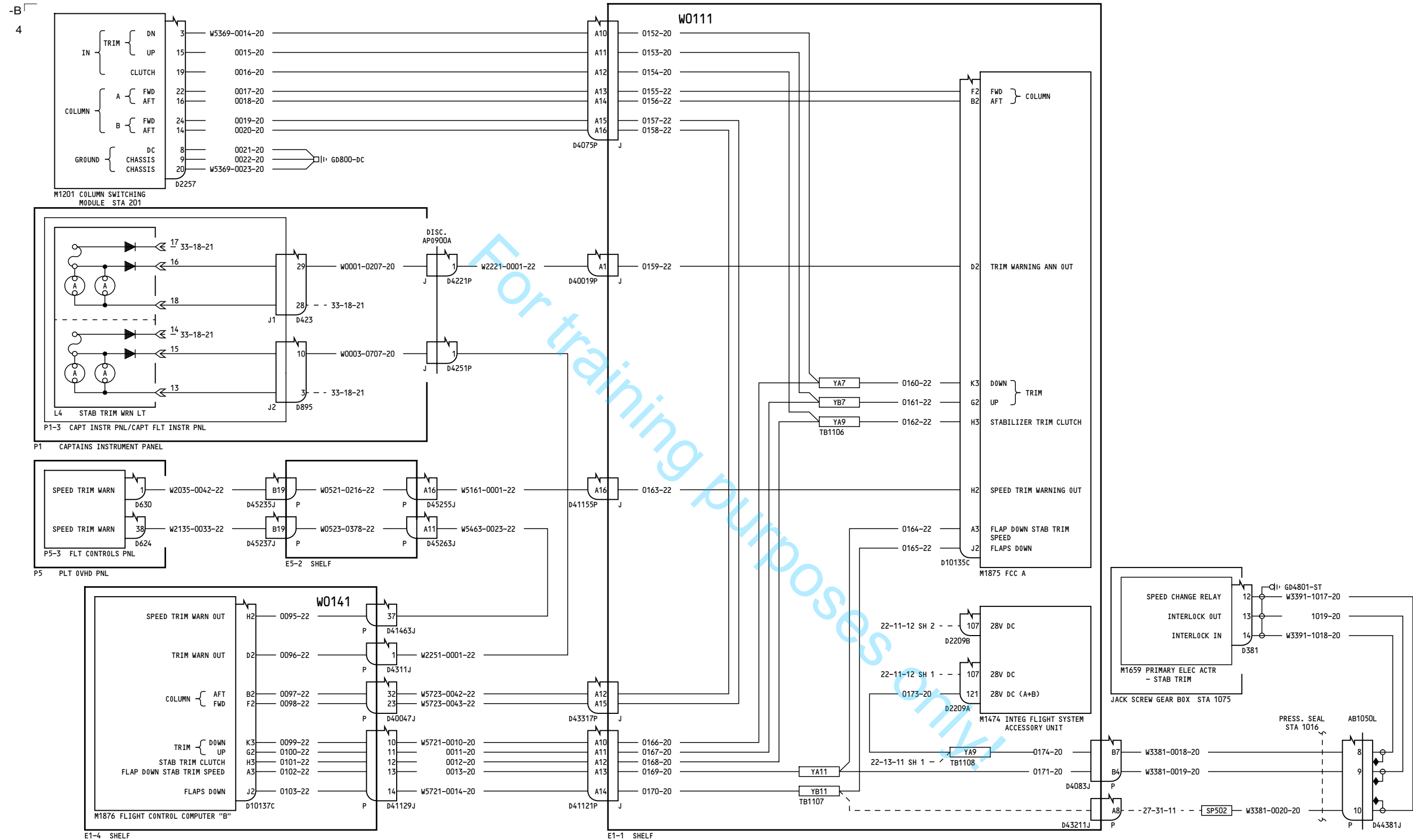
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YC053-YD153

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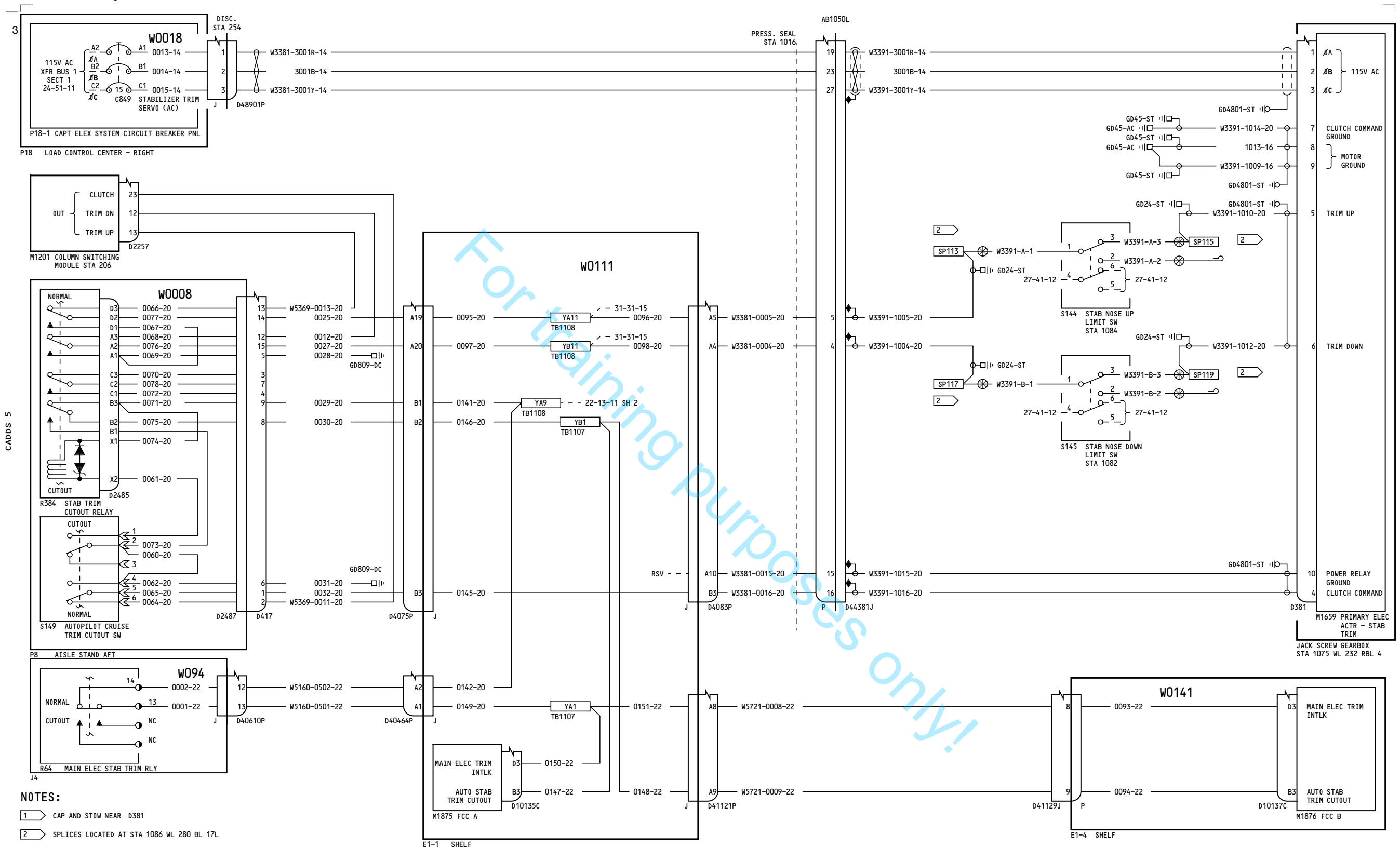
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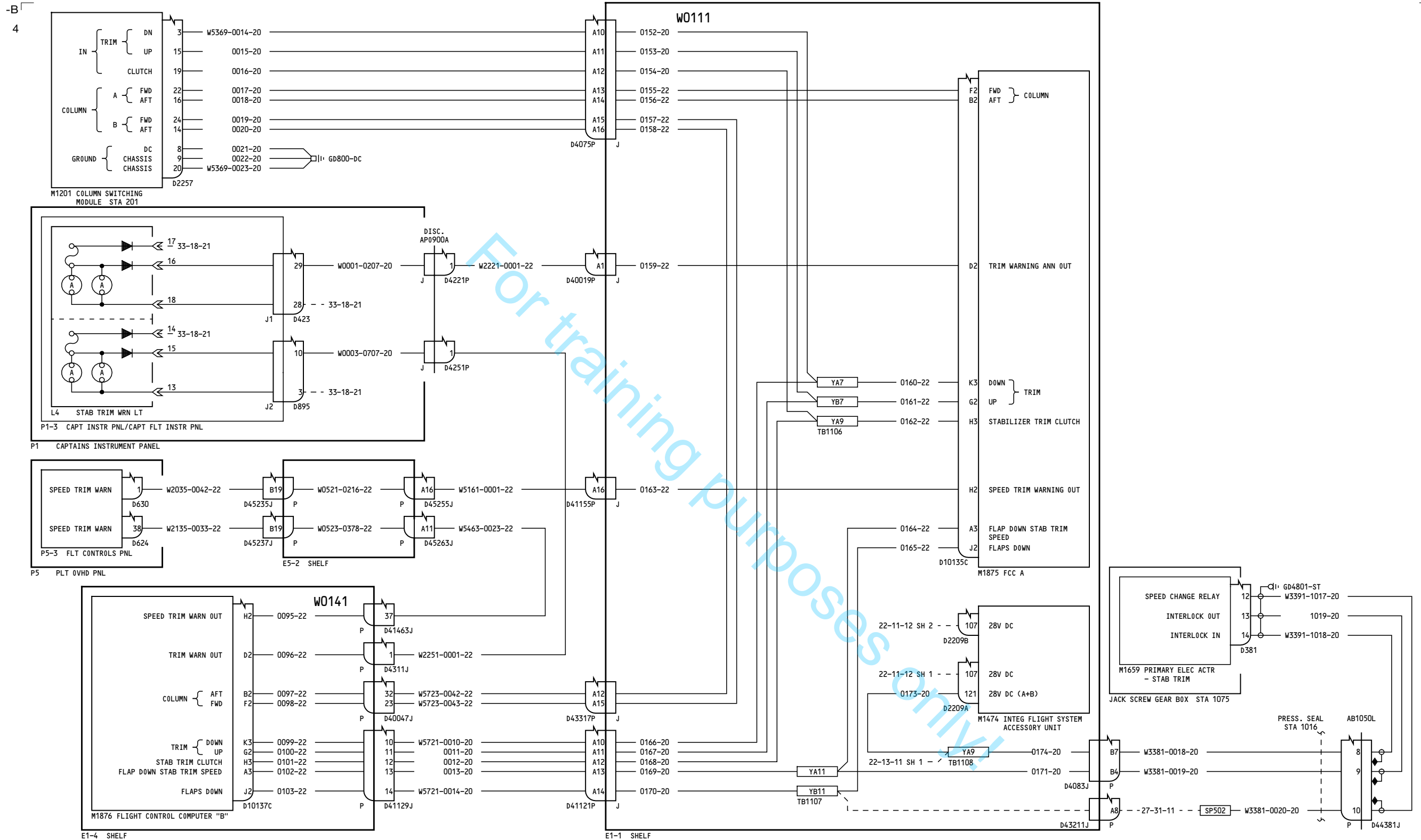
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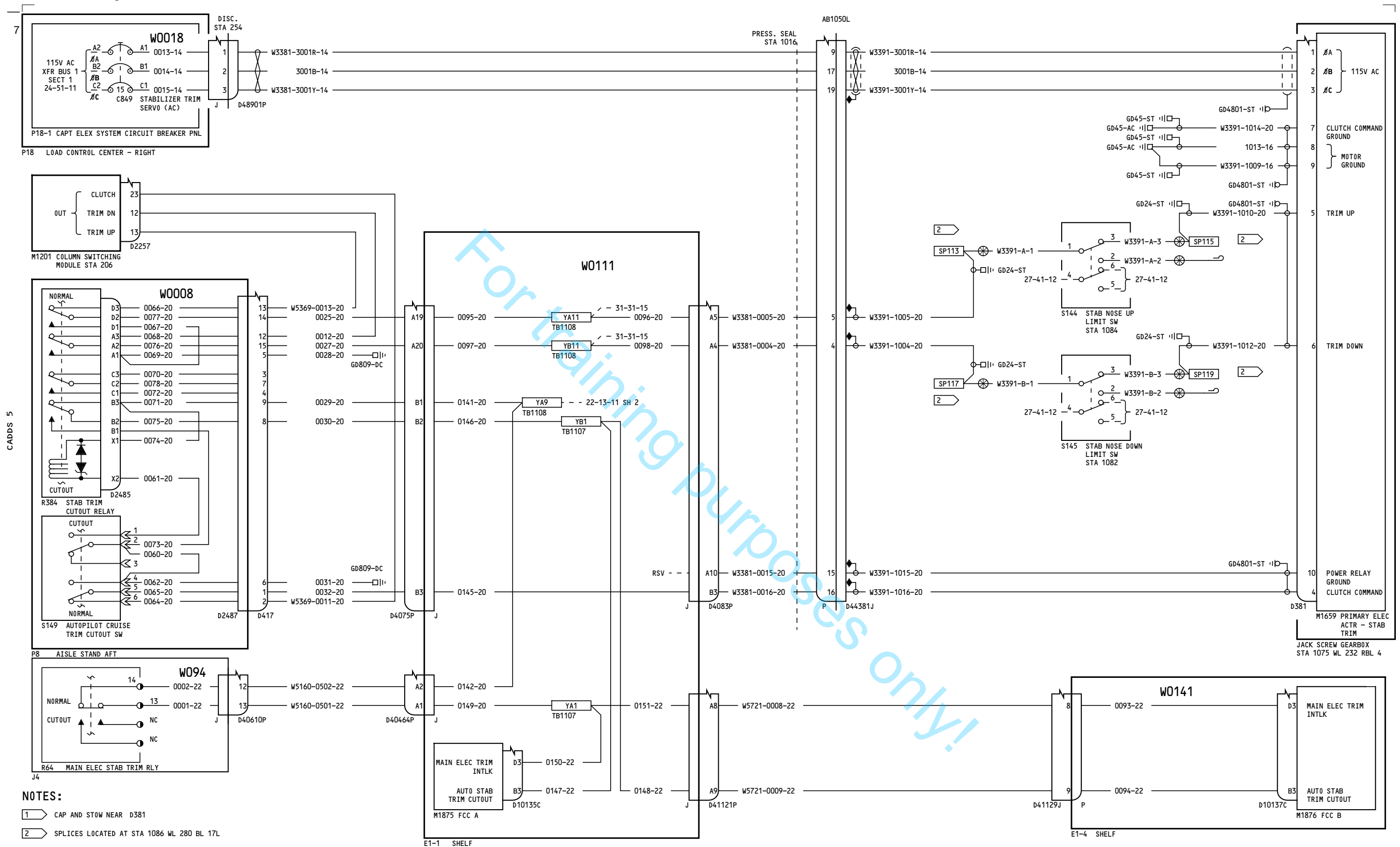
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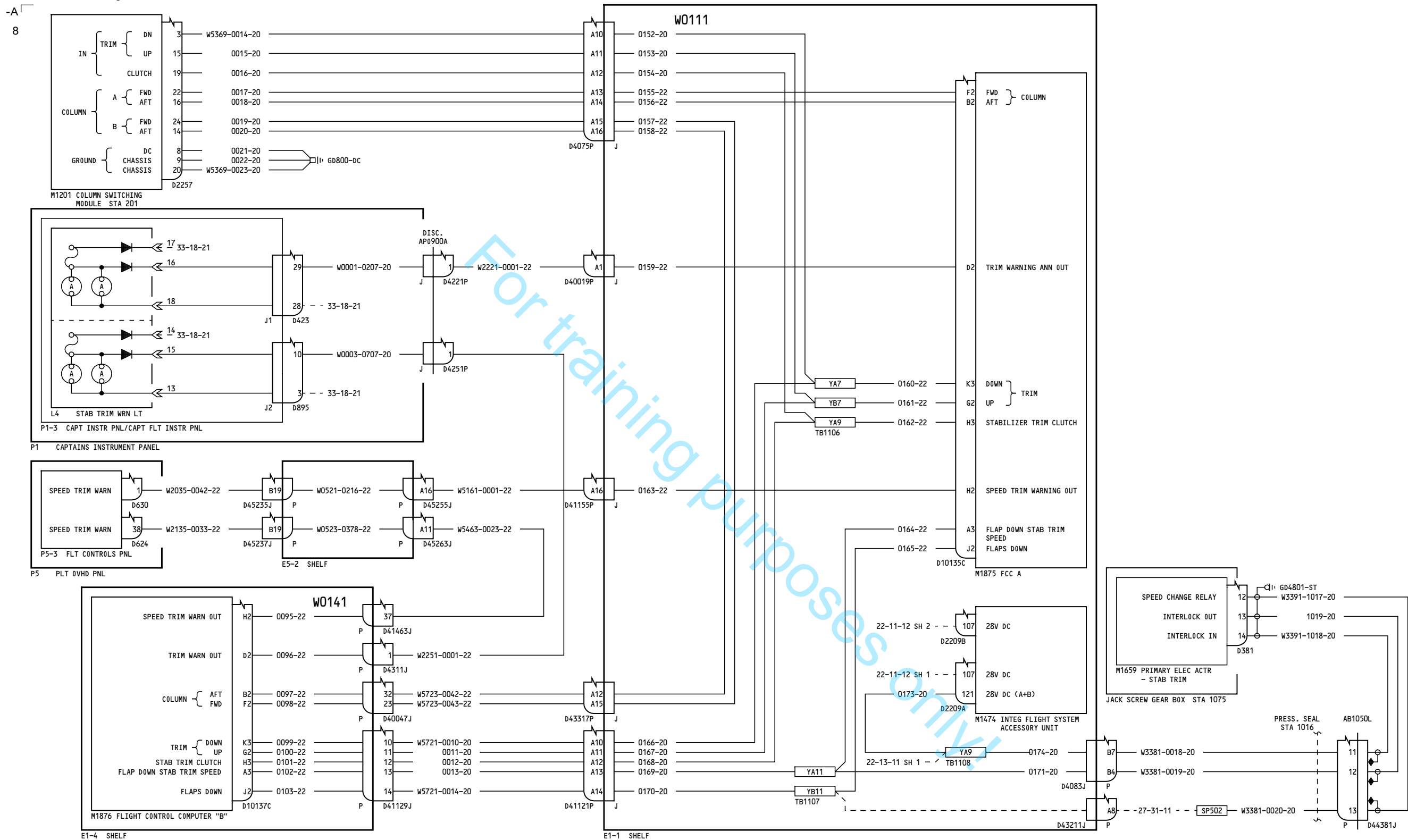
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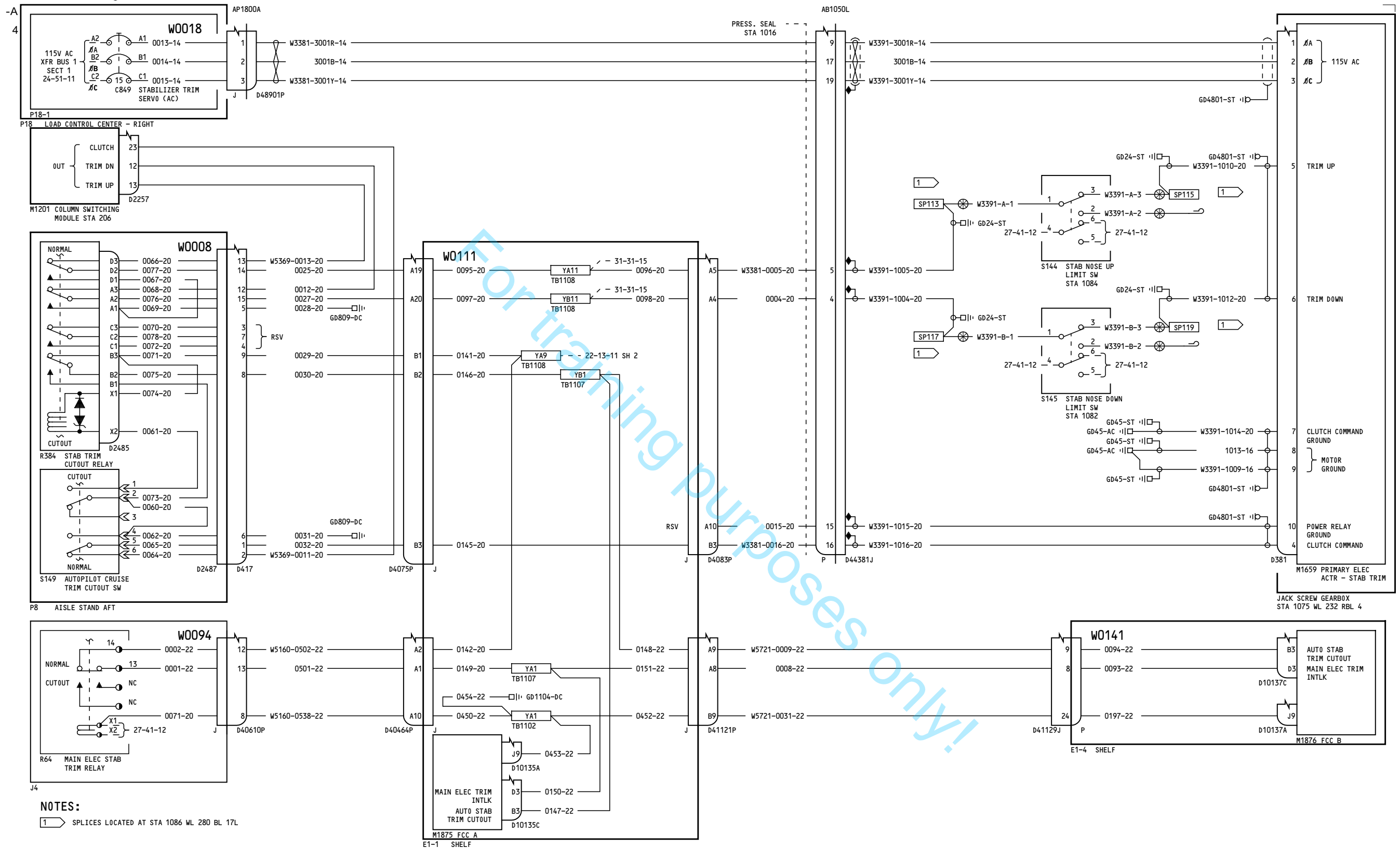
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YD157-YD170

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AND STABILIZER TRIM**

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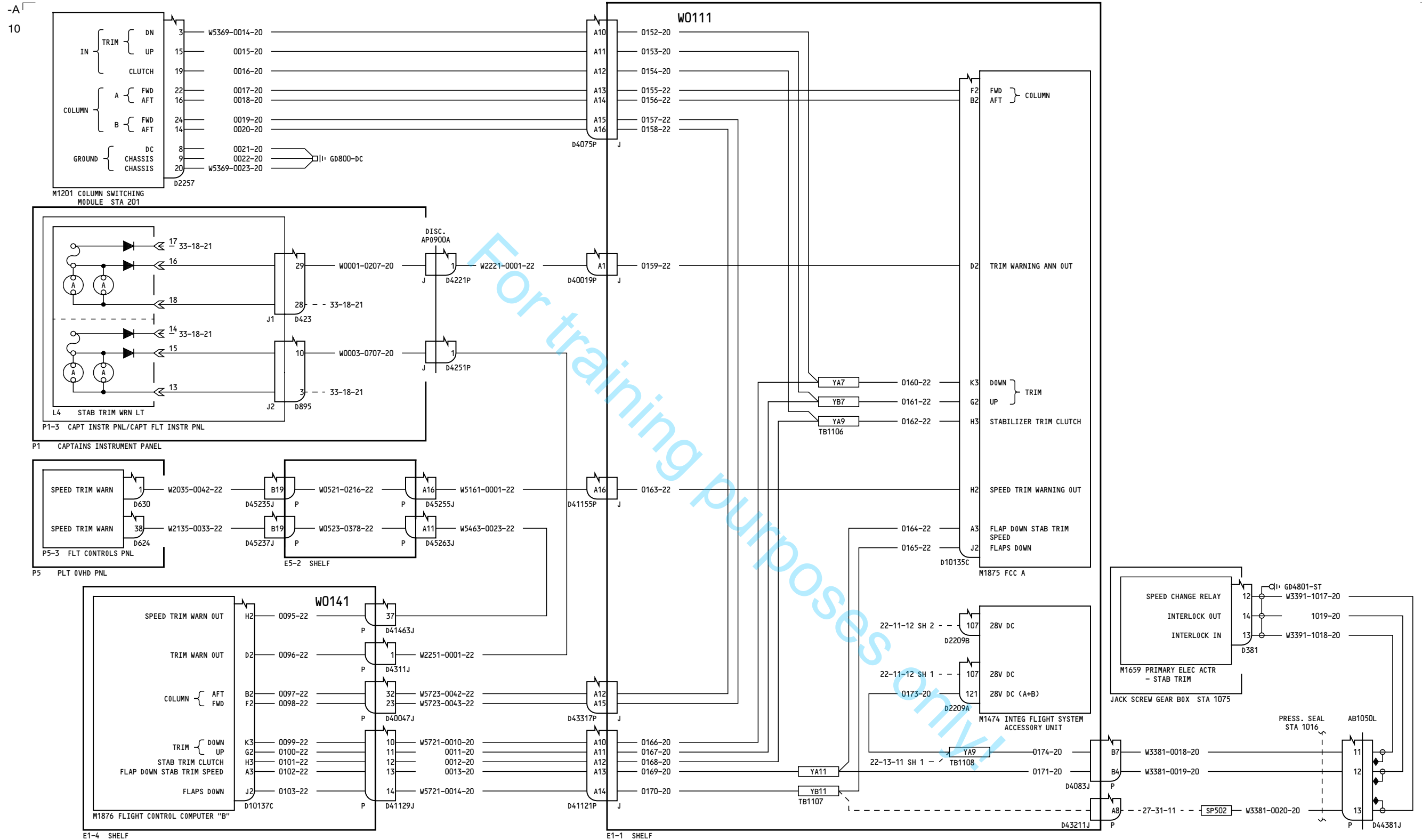
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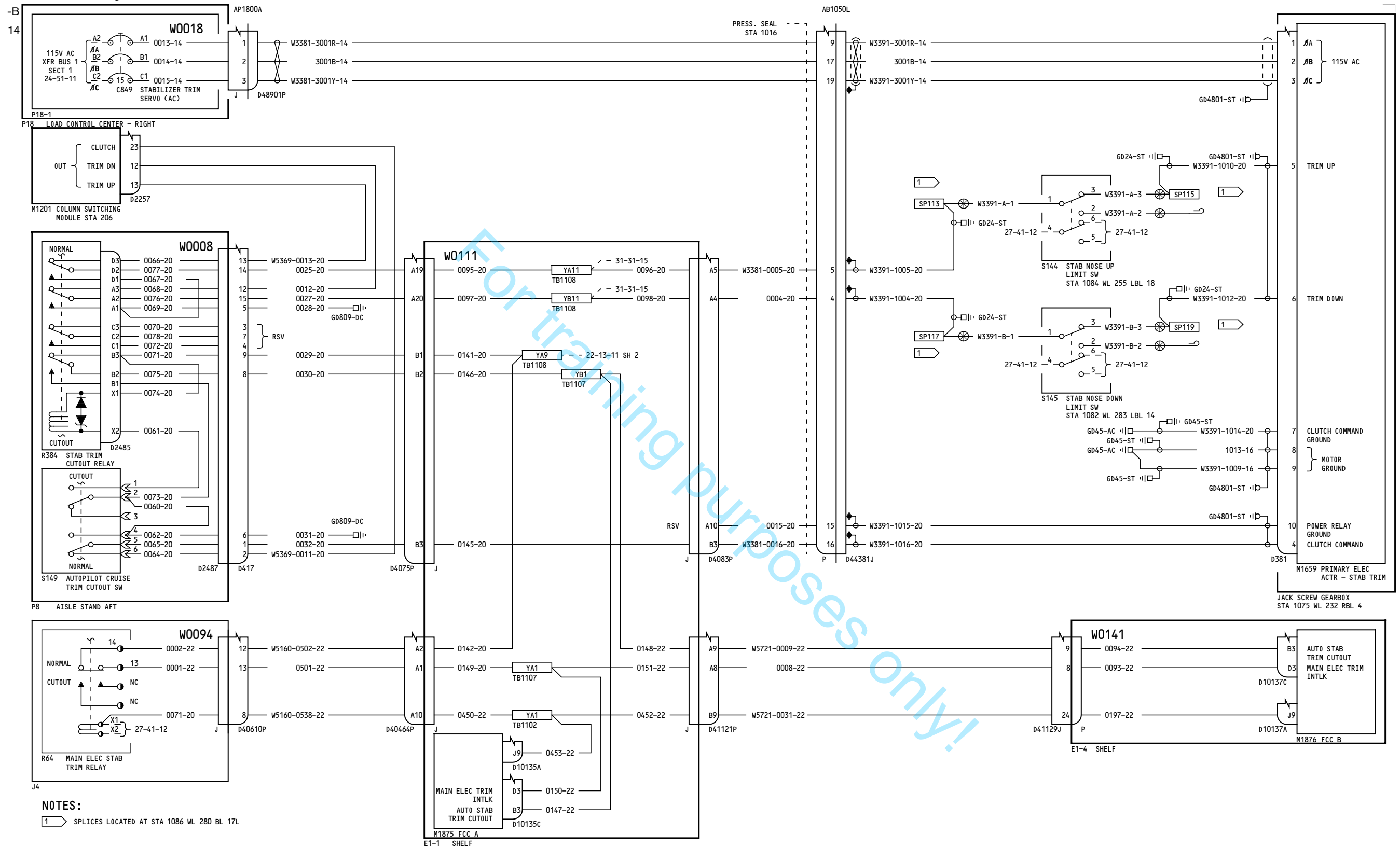
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YL951-YR328

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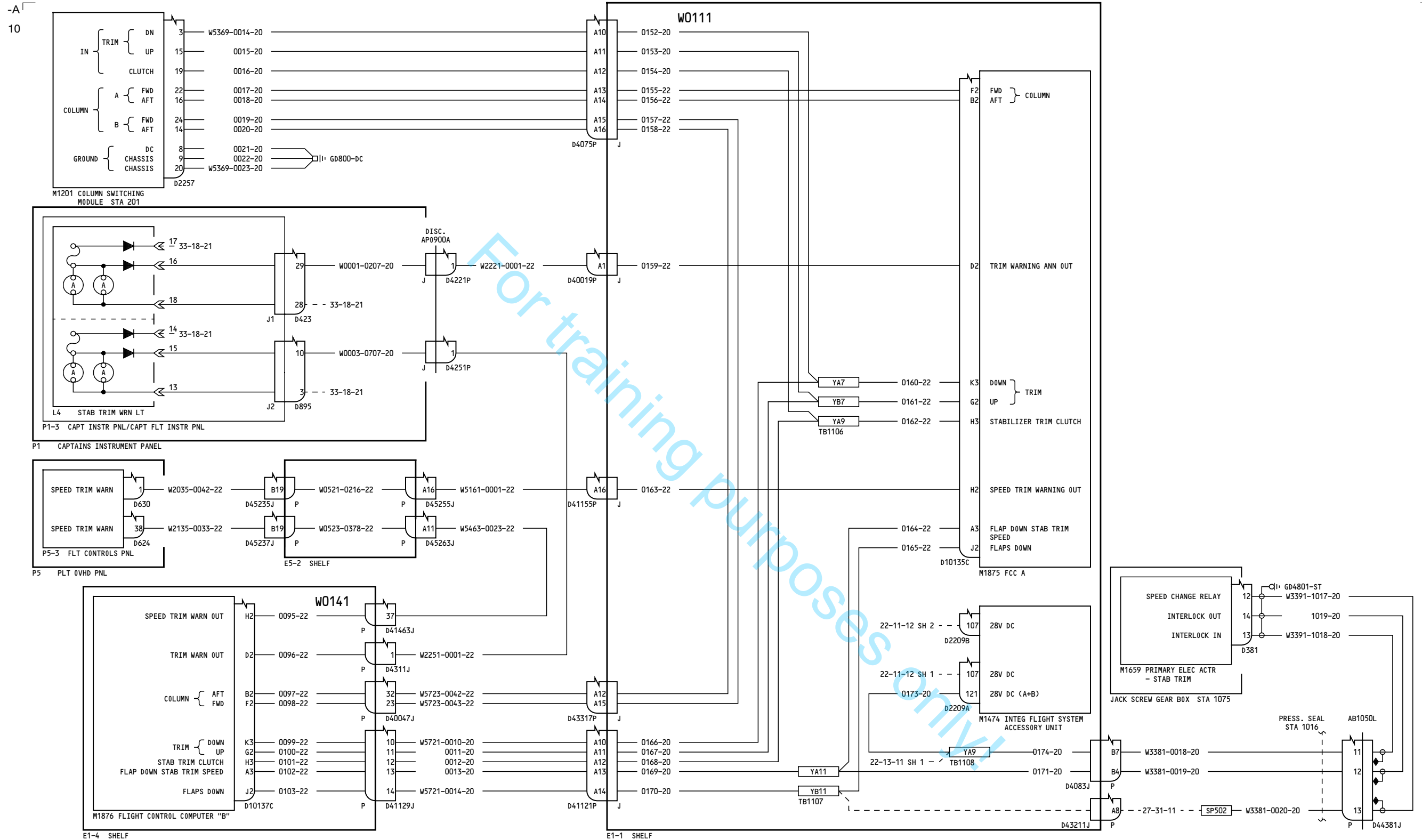
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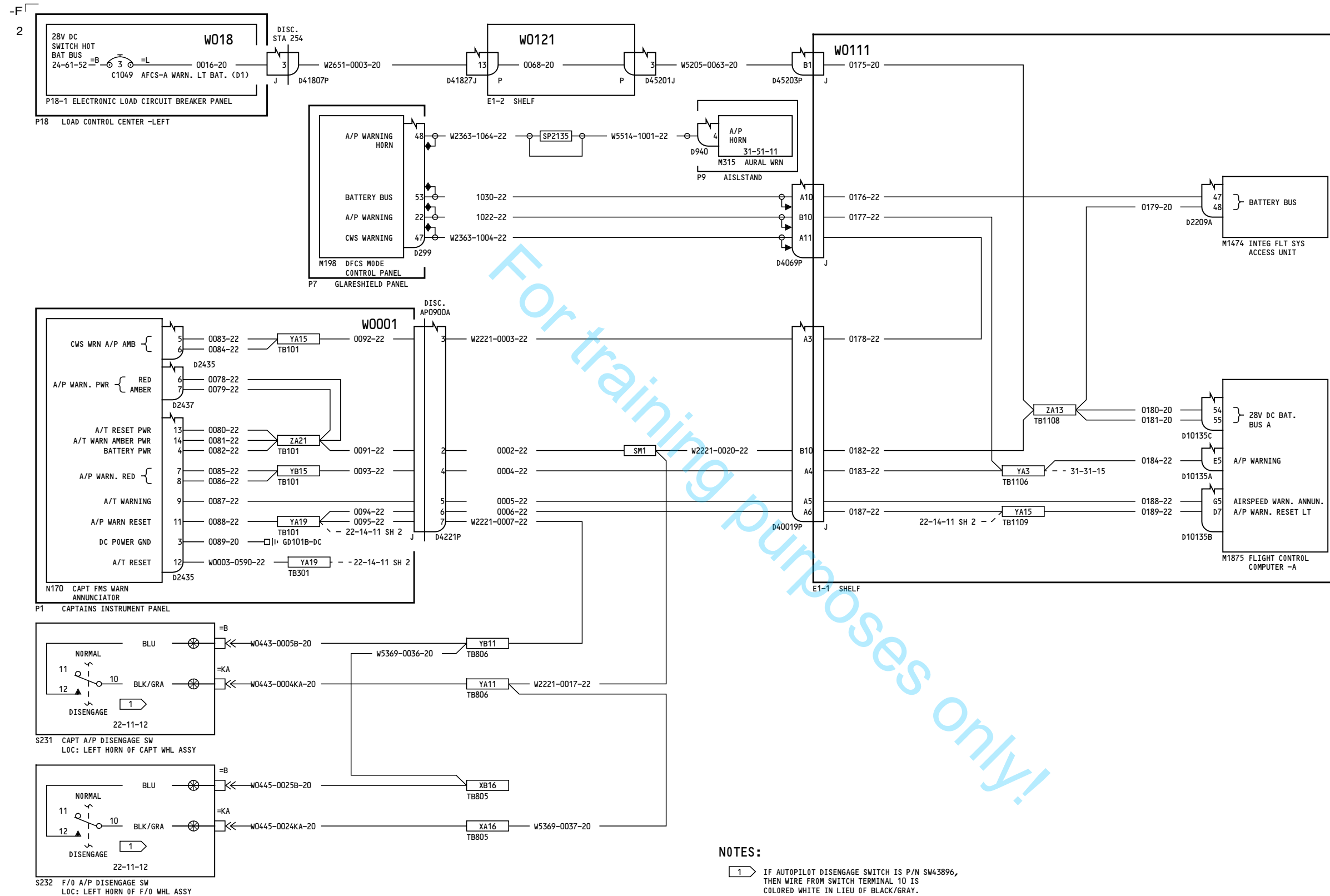
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YC051-YD155

## DFCS - ANNUNCIATION AND WARNING

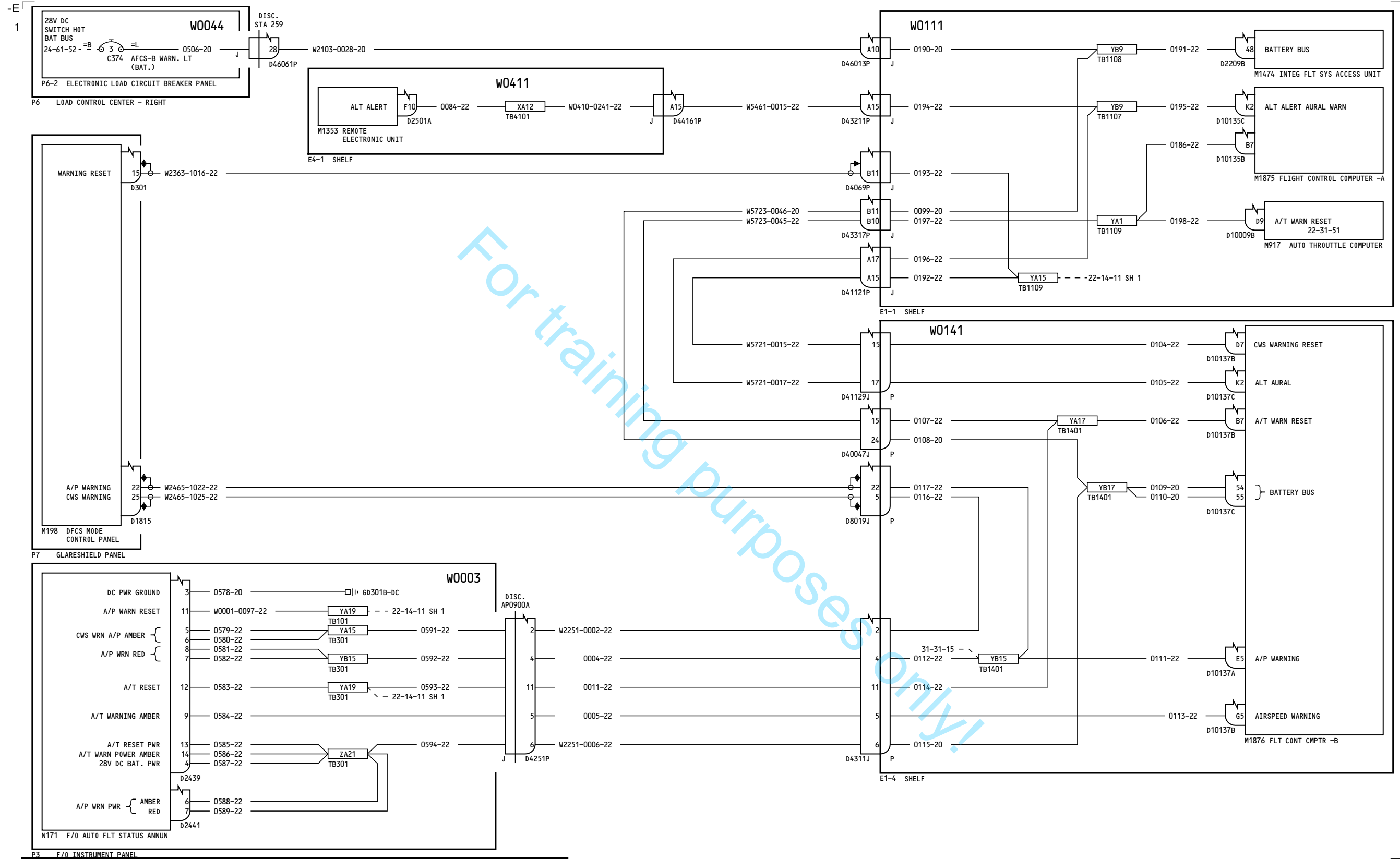
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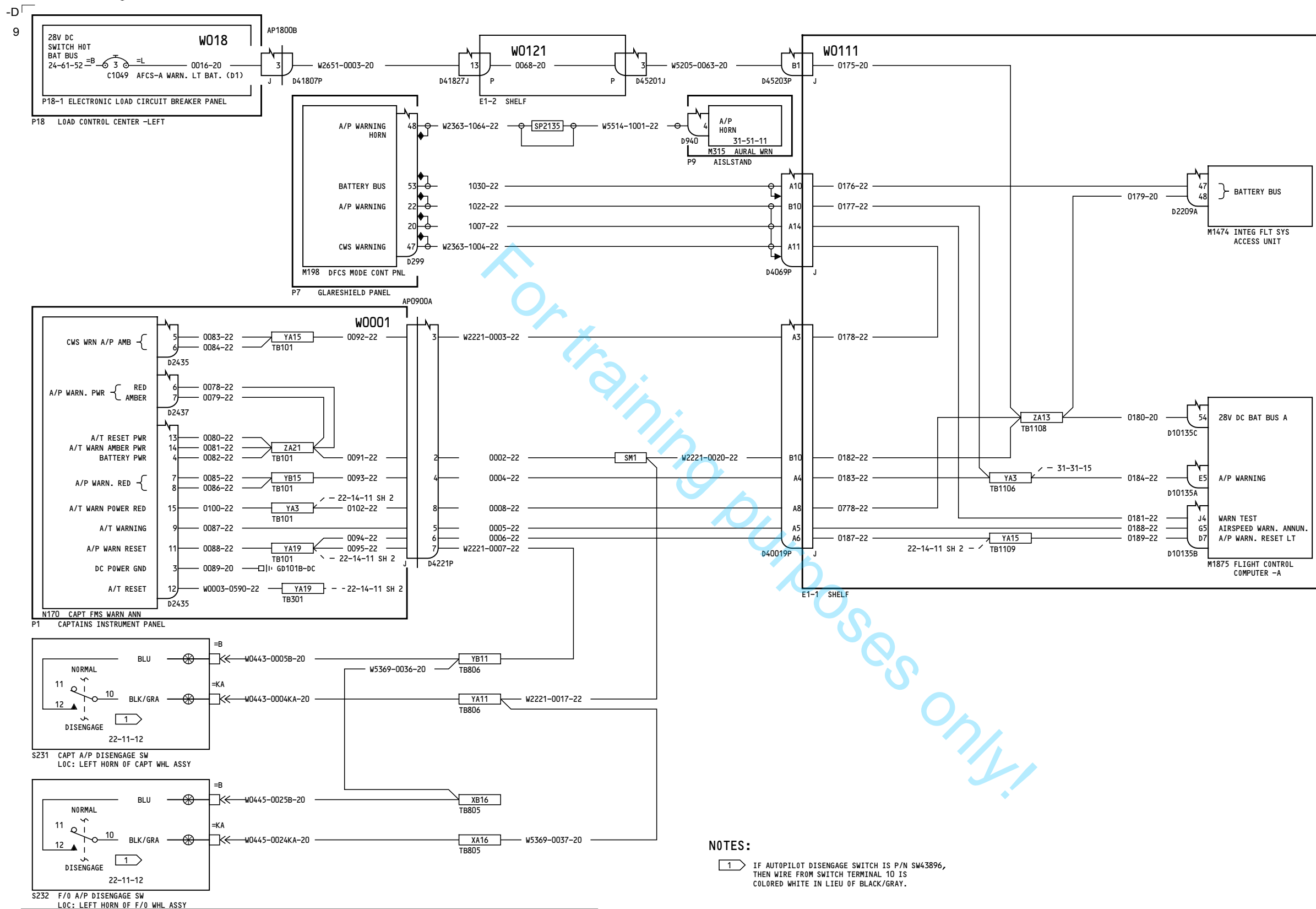
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**DFCS - ANNUNCIATION  
AND WARNING**

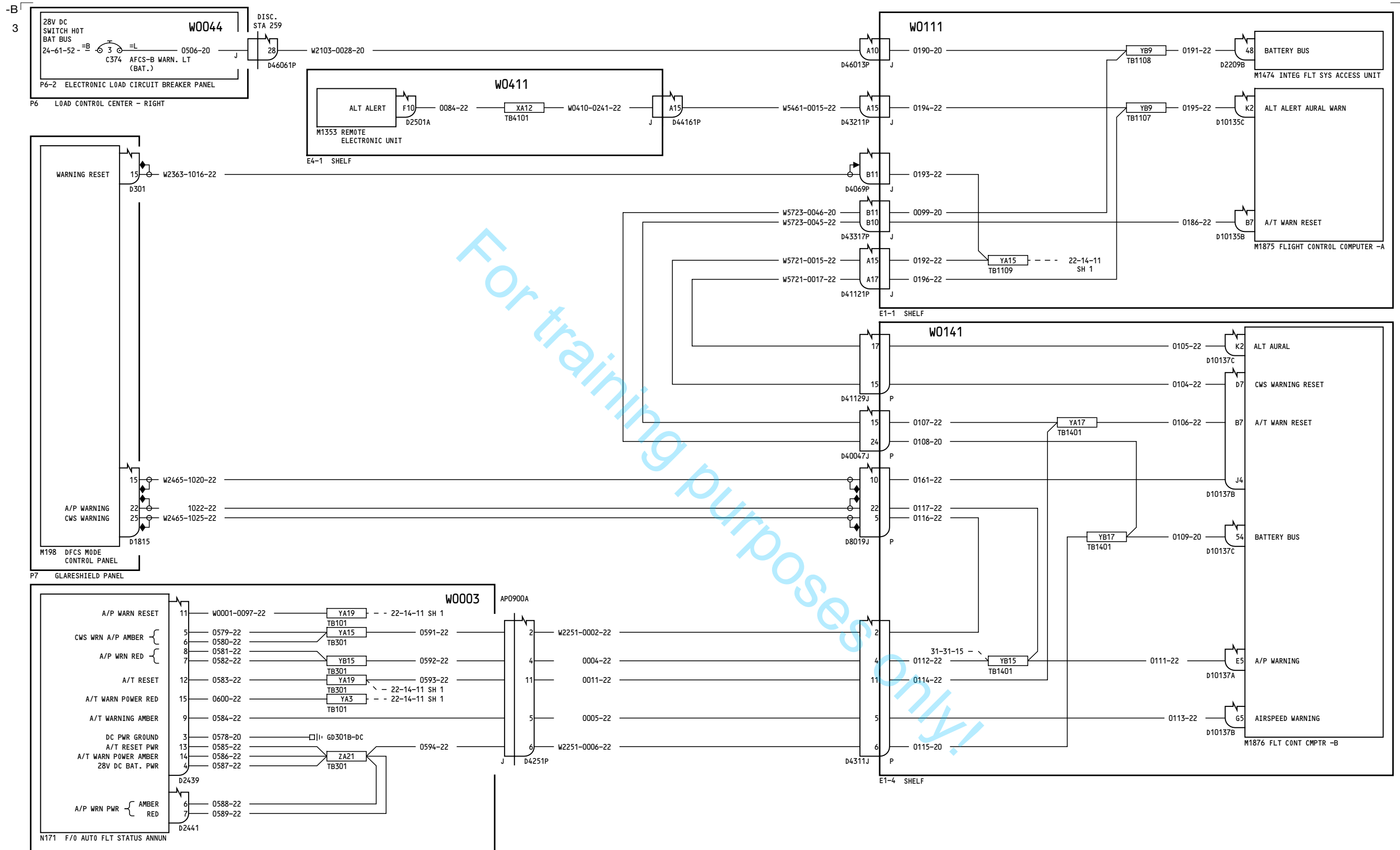
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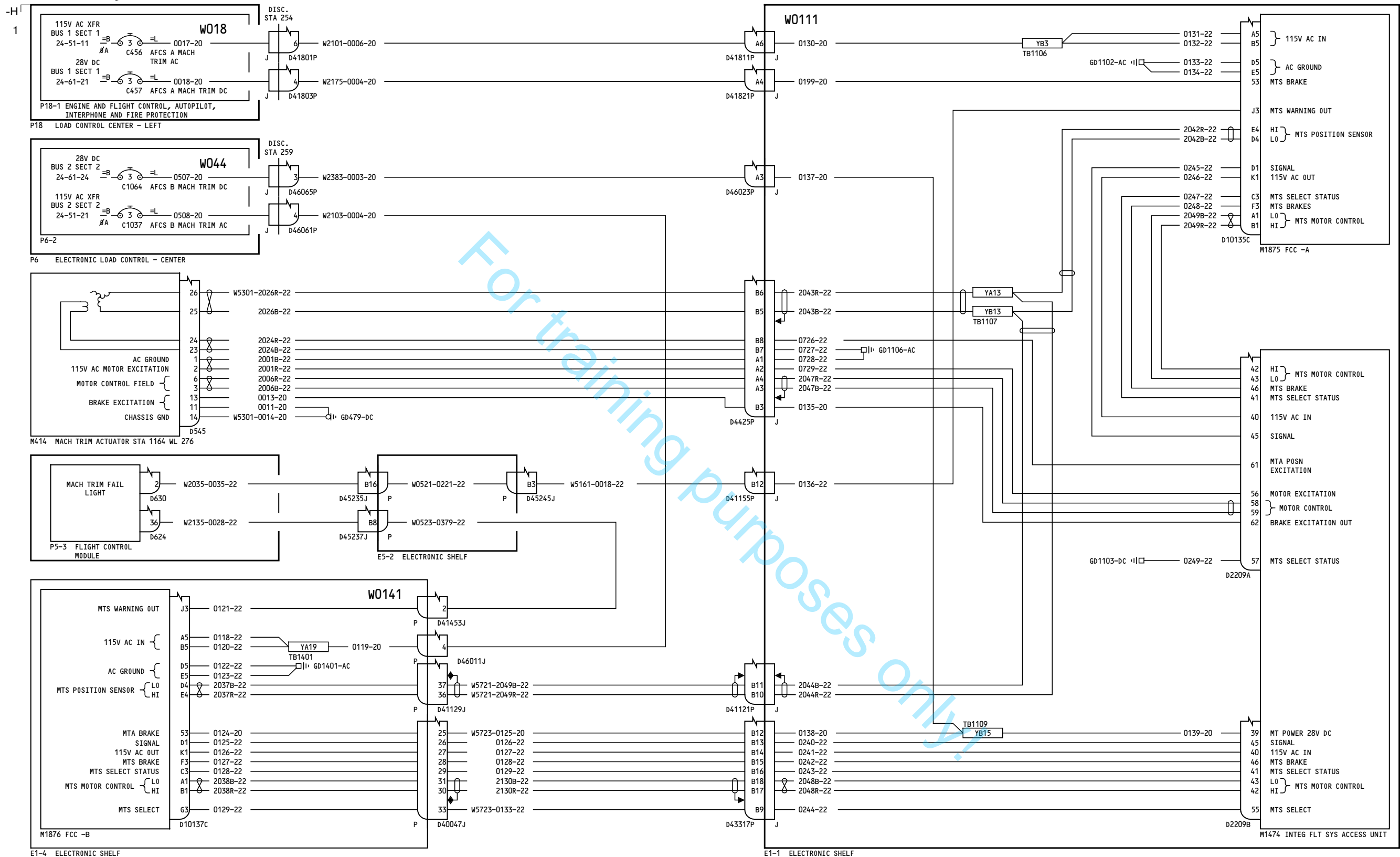
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# 737-700/800 WIRING DIAGRAM MANUAL



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DFCS - MACH TRIM

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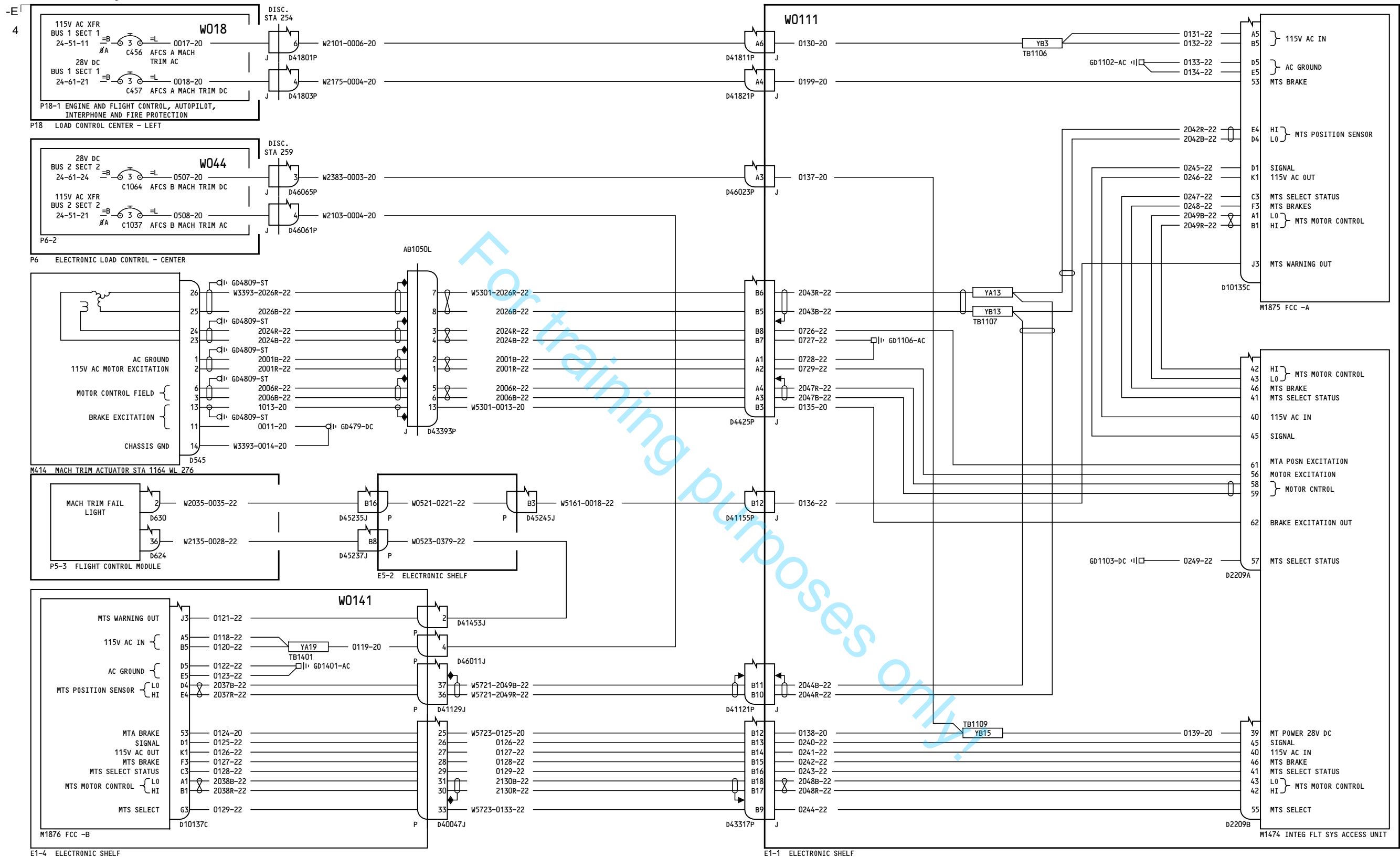
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YC053-YC068

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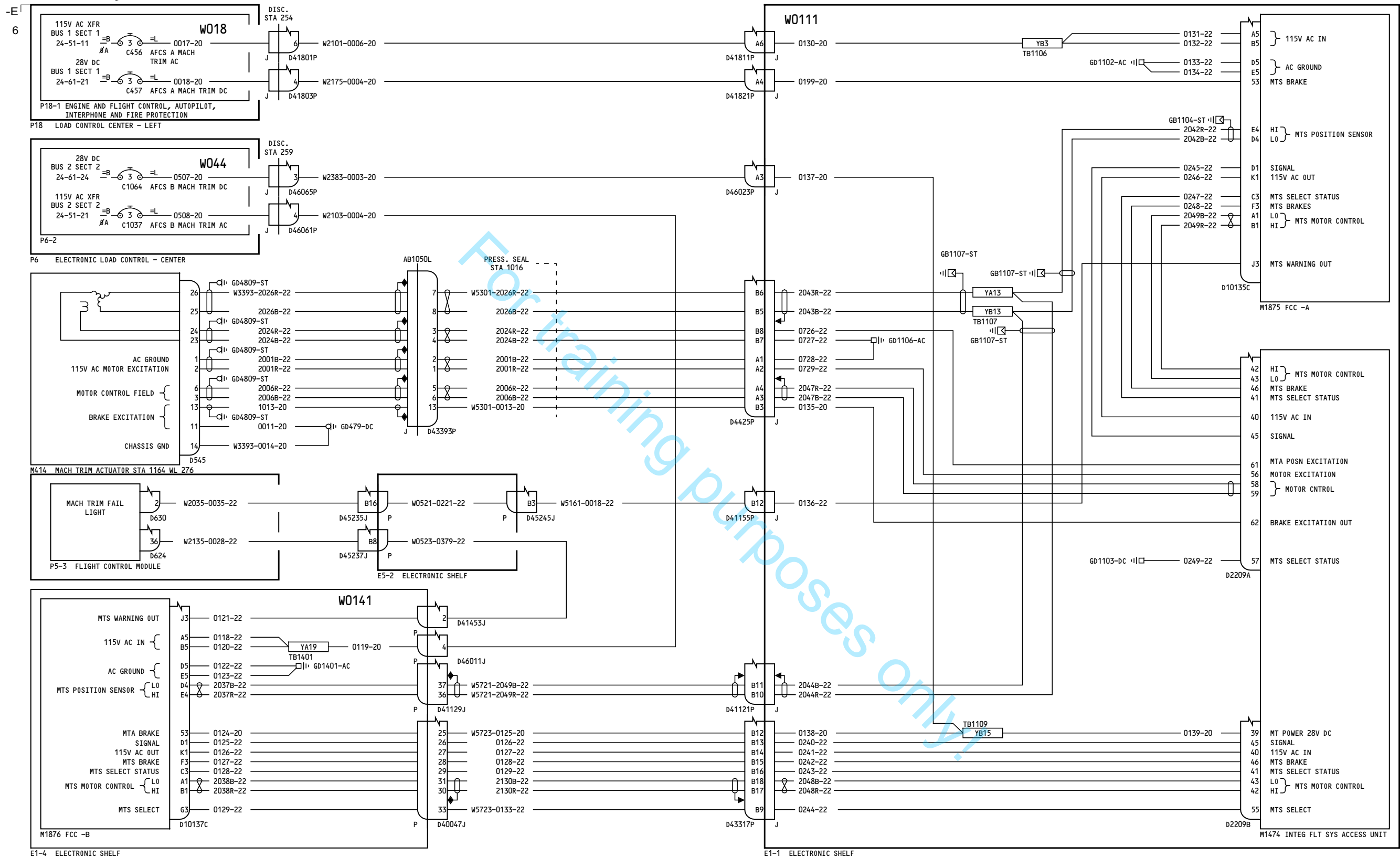
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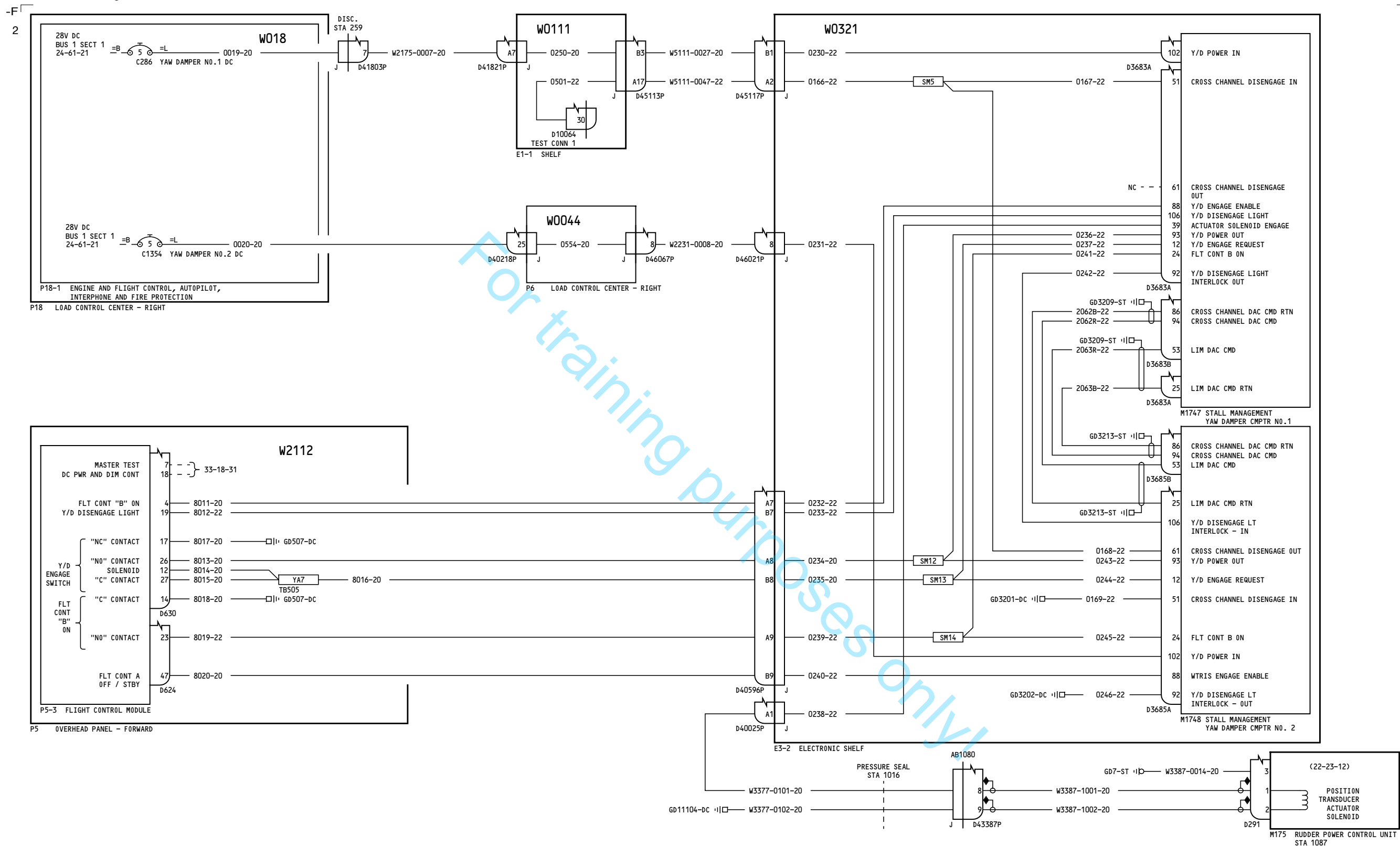
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YC051-YC052

**YAW DAMPER ENGAGE INTERLOCKS**

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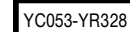
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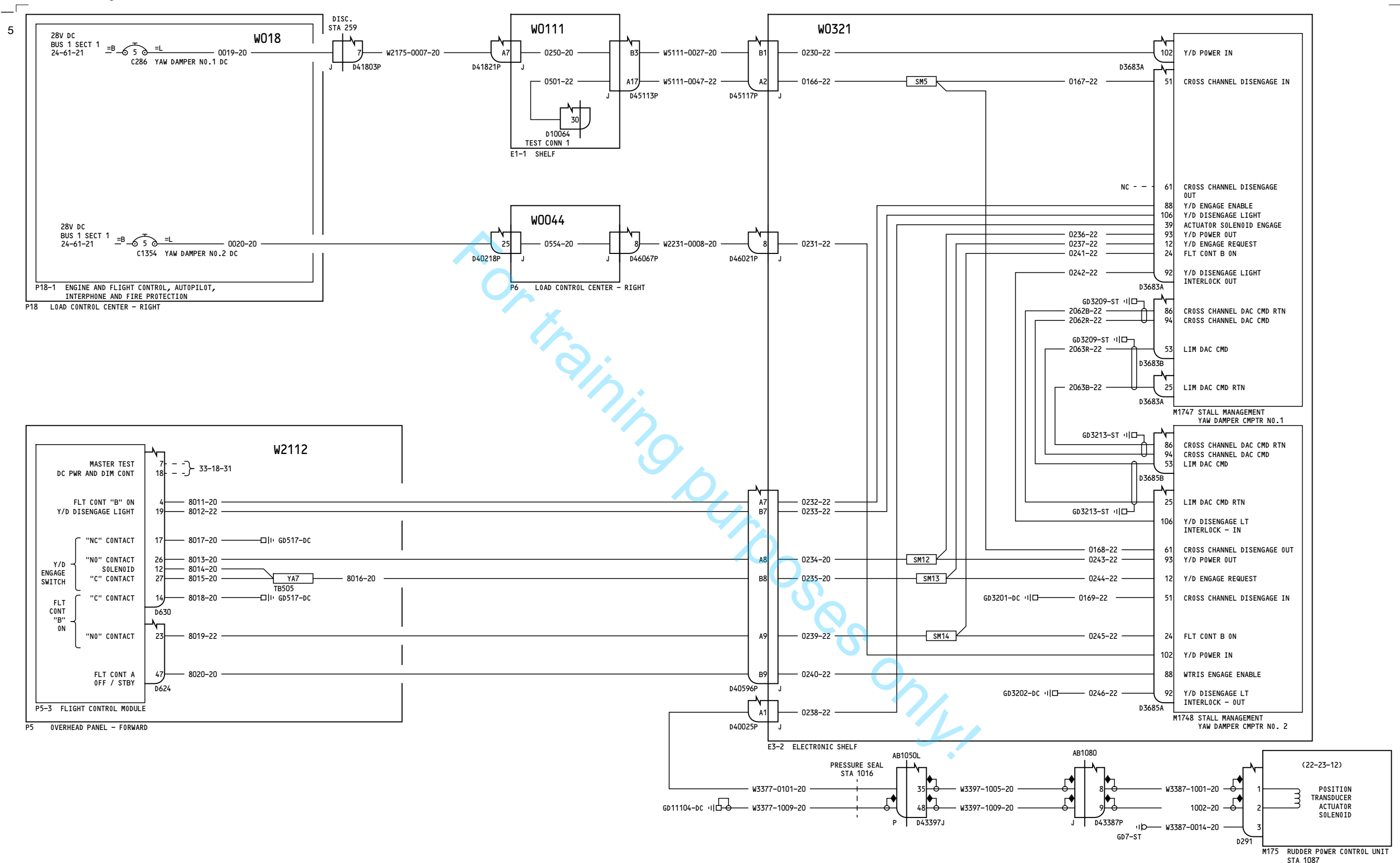
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YC053-YD155

**YAW DAMPER ENGAGE INTERLOCKS**

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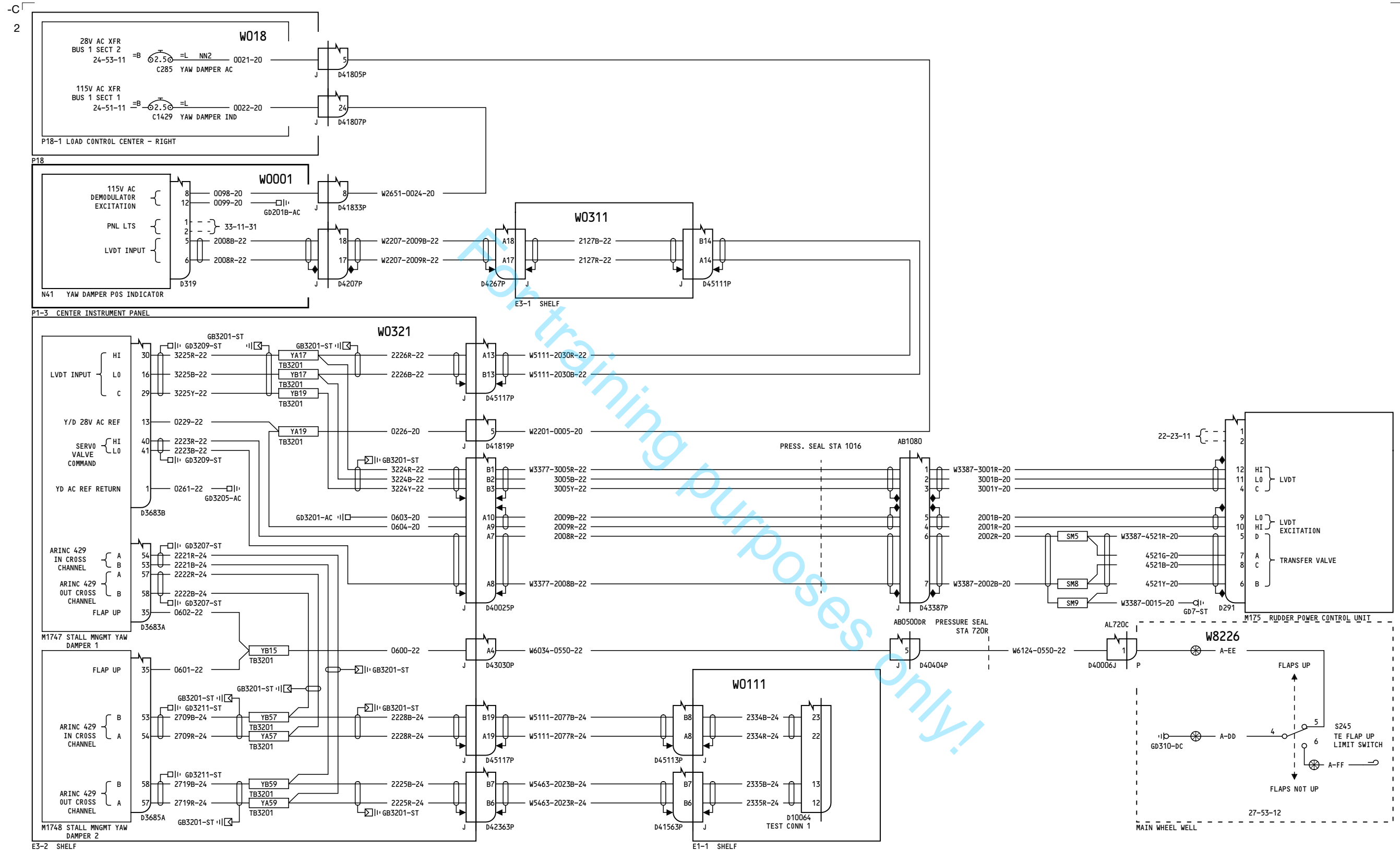
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YC051-YC052

## YAW DAMPER RUDDER CONTROL

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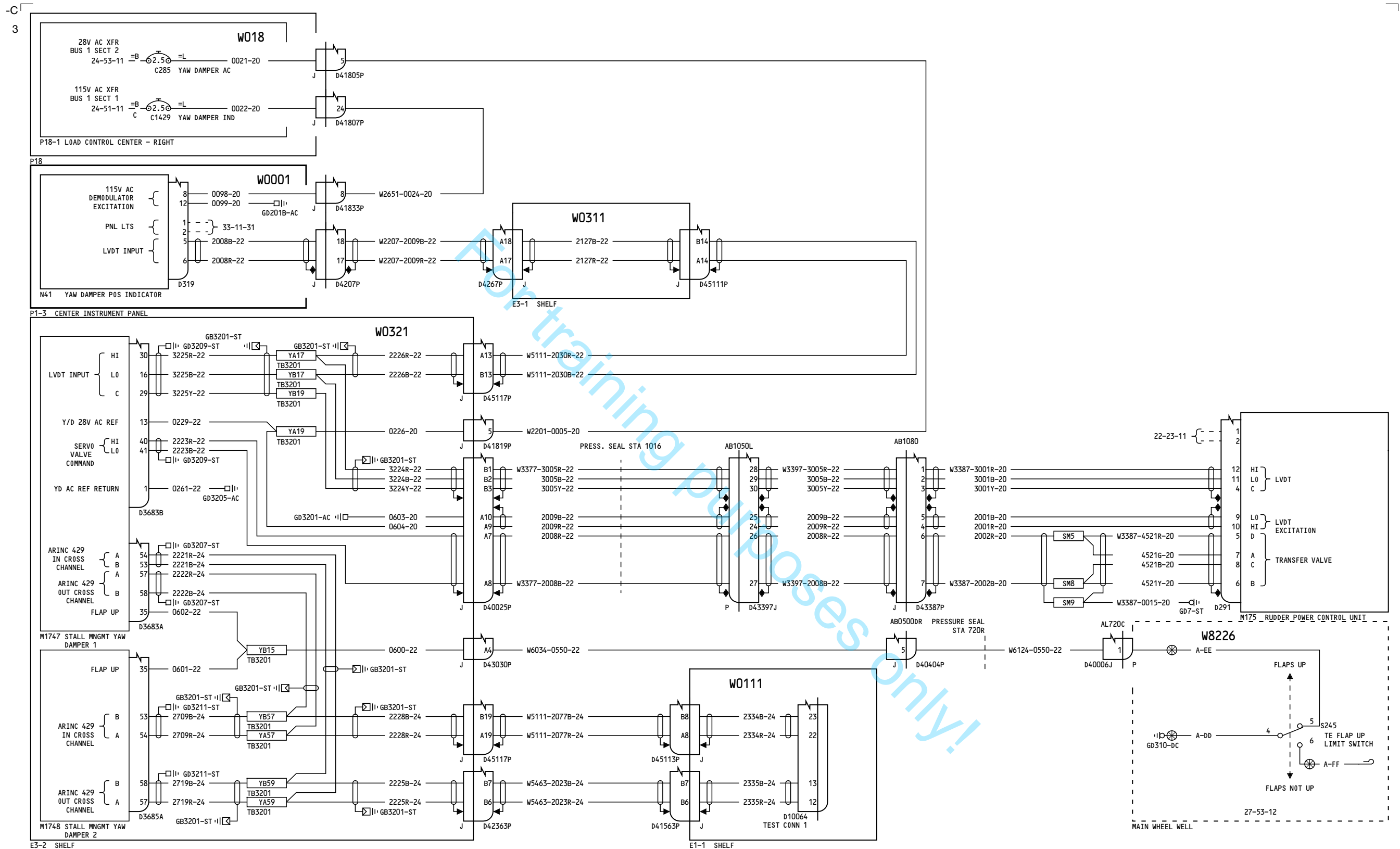
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YAW DAMPER RUDDER CONTROL

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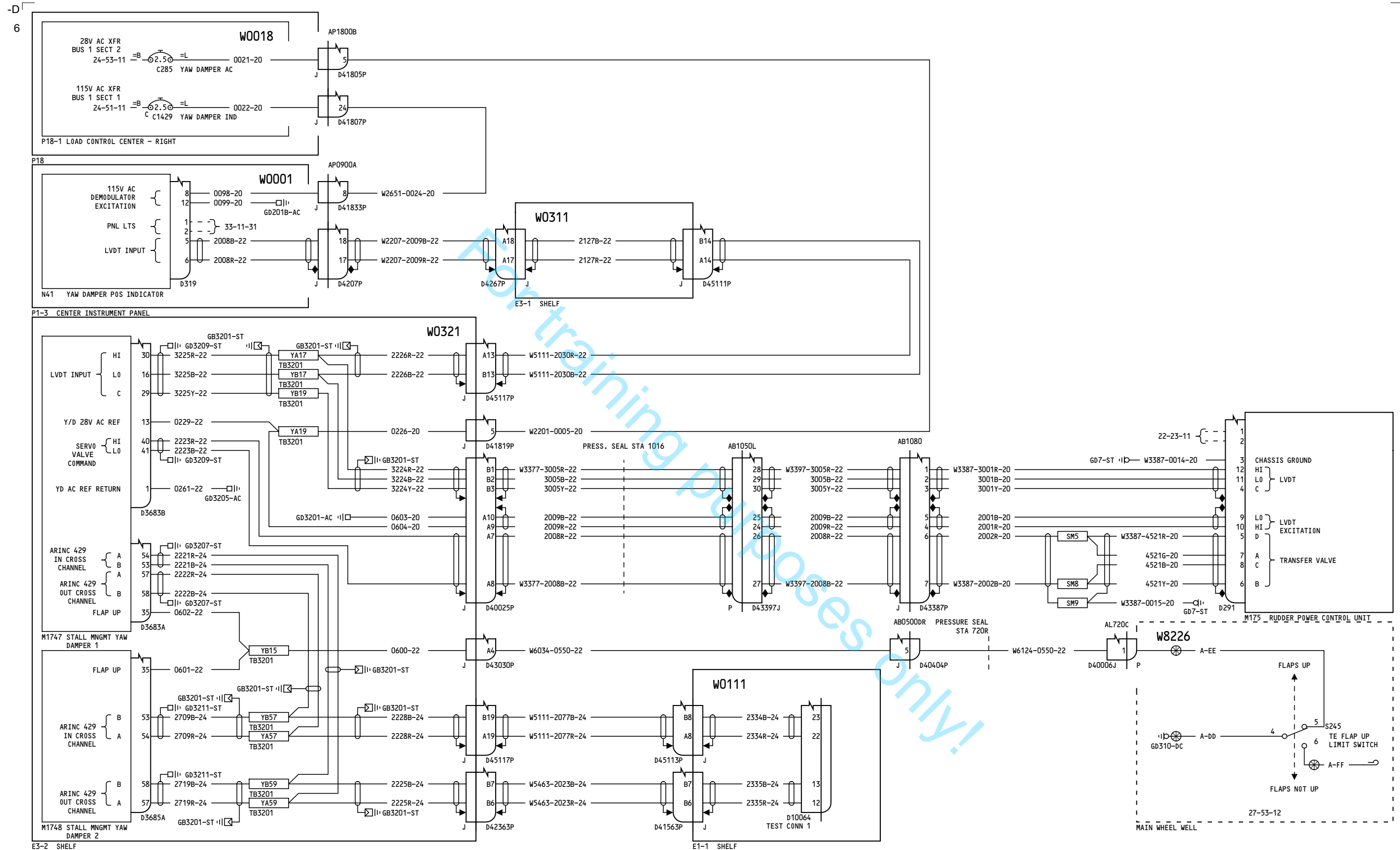
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YD157-YL954, YN231-YN235

## YAW DAMPER RUDDER CONTROL

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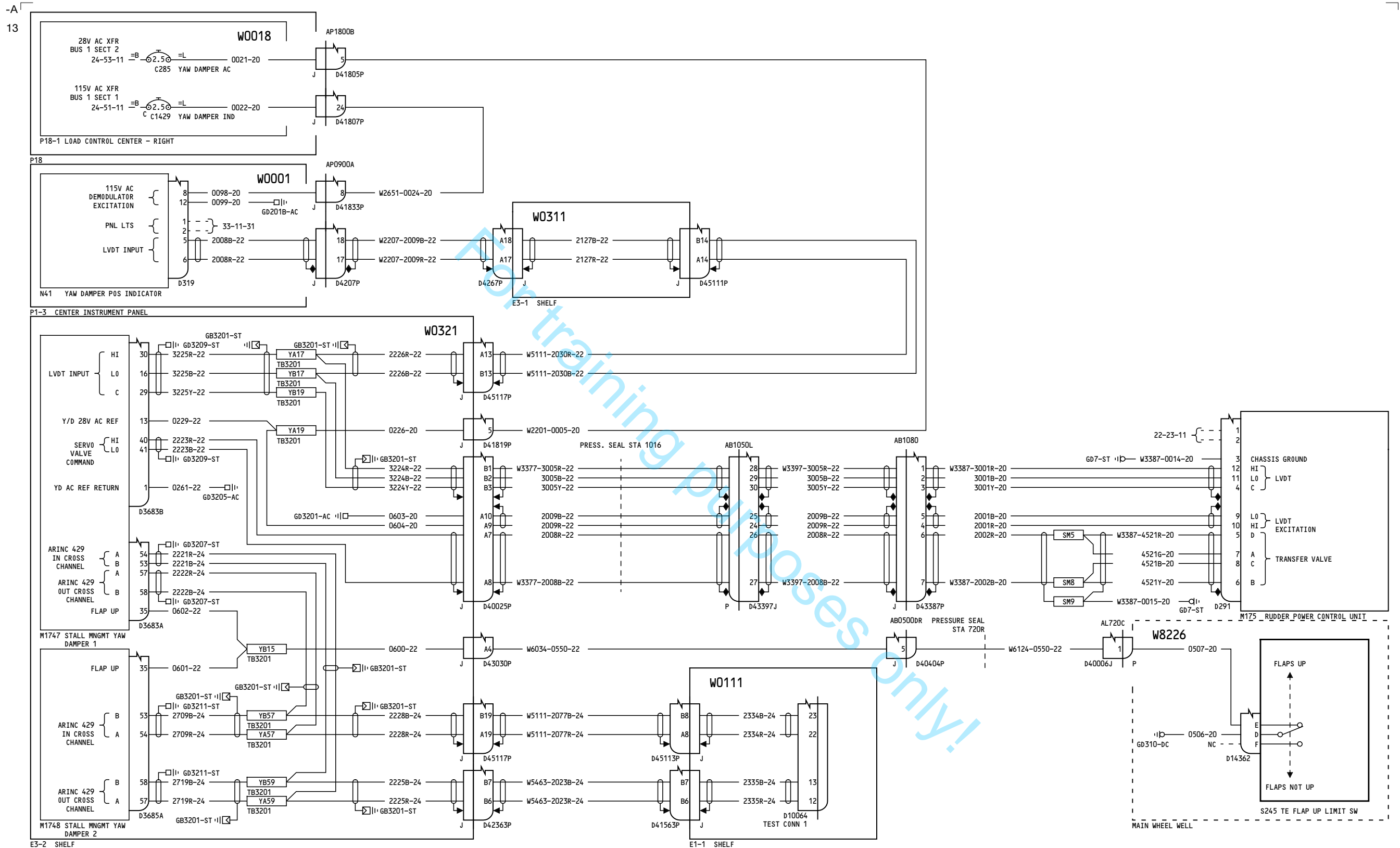
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YL955-YL959

YAW DAMPER RUDDER CONTROL

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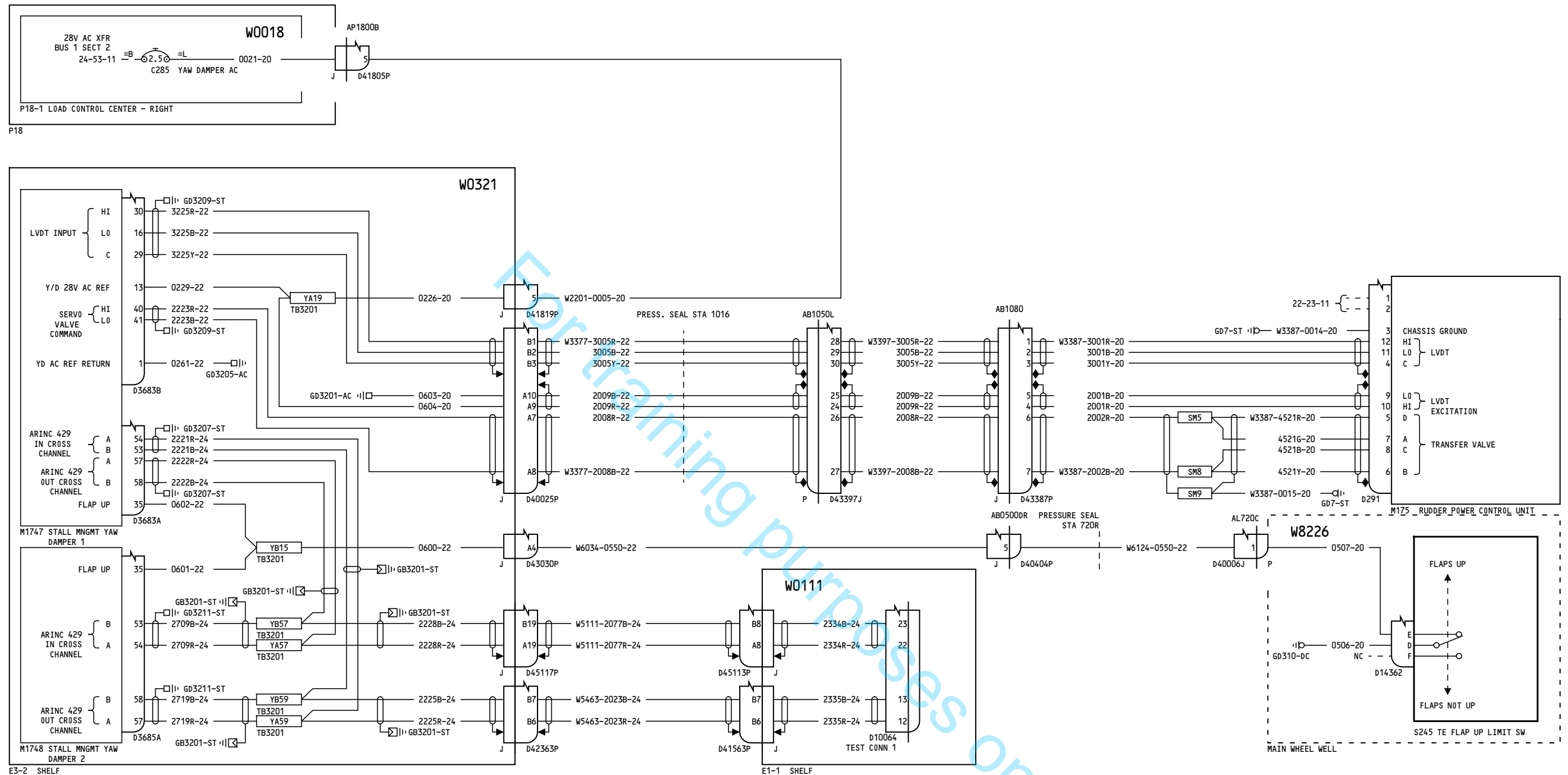
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YAW DAMPER RUDDER CONTROL

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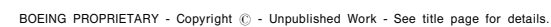
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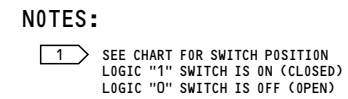
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### AUTOTHROTTLE SYSTEM- POWER, TOGA, PROGRAM PINS AND TEST BUSES

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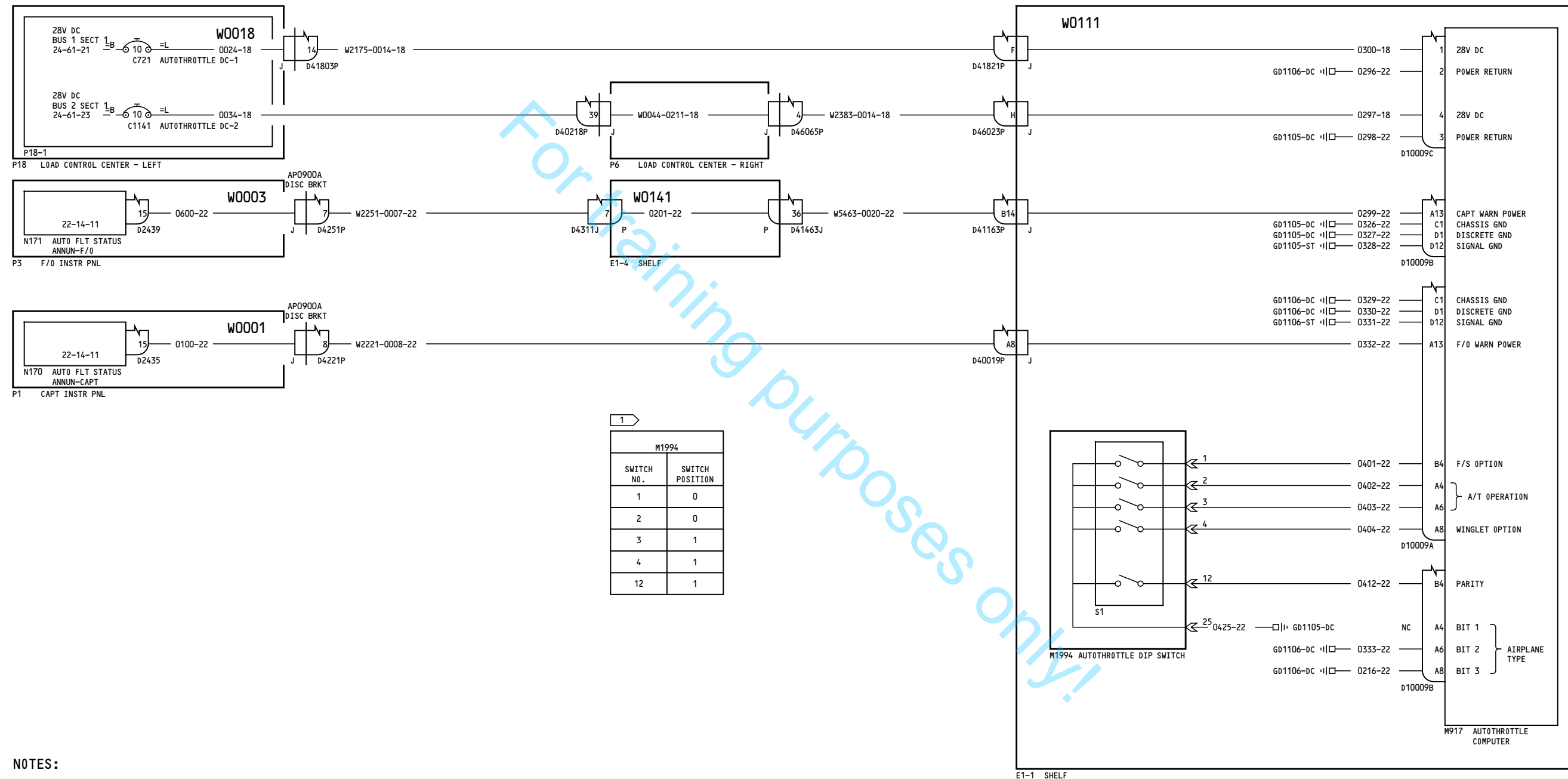
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NOTES:

- 1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

YC067-YD155

**AUTOTHROTTLE SYSTEM-  
POWER, TOGA, PROGRAM PINS  
AND TEST BUSSES**

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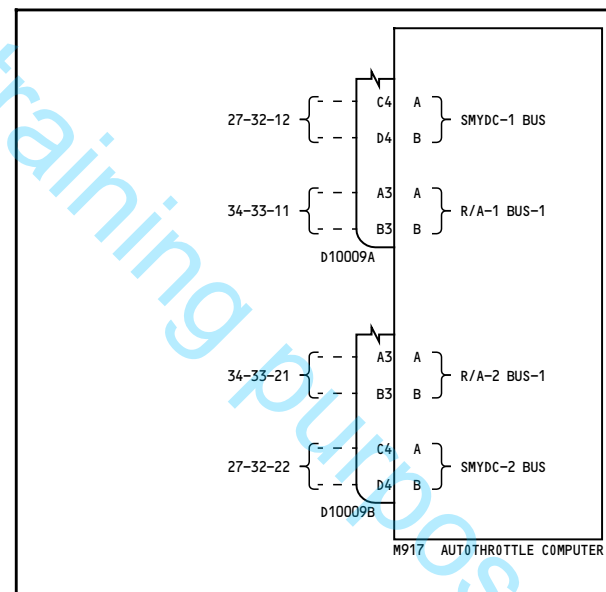
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E1-1 SHELF

YC051-YC070

**AUTOTHROTTLE SYSTEM -  
DIGITAL INPUTS FROM  
SMYDC'S AND RA'S**

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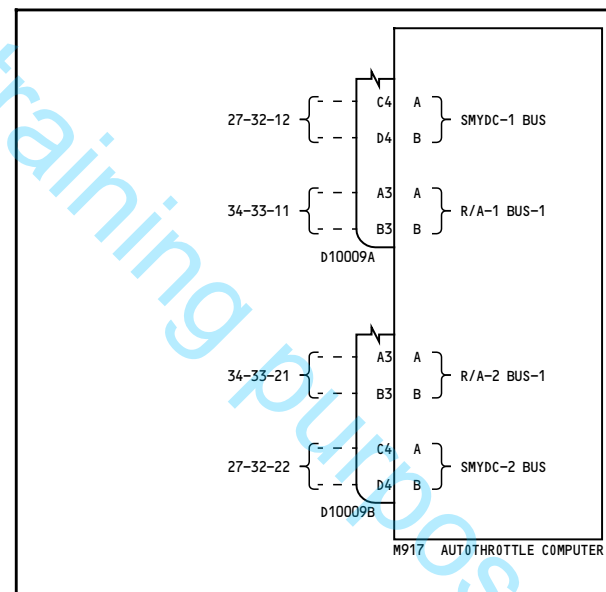
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E1-1 SHELF

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**AUTOTHROTTLE SYSTEM -  
DIGITAL INPUTS FROM  
SMYDC'S AND RA'S**

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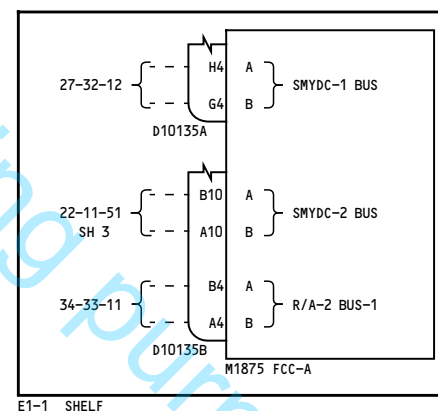
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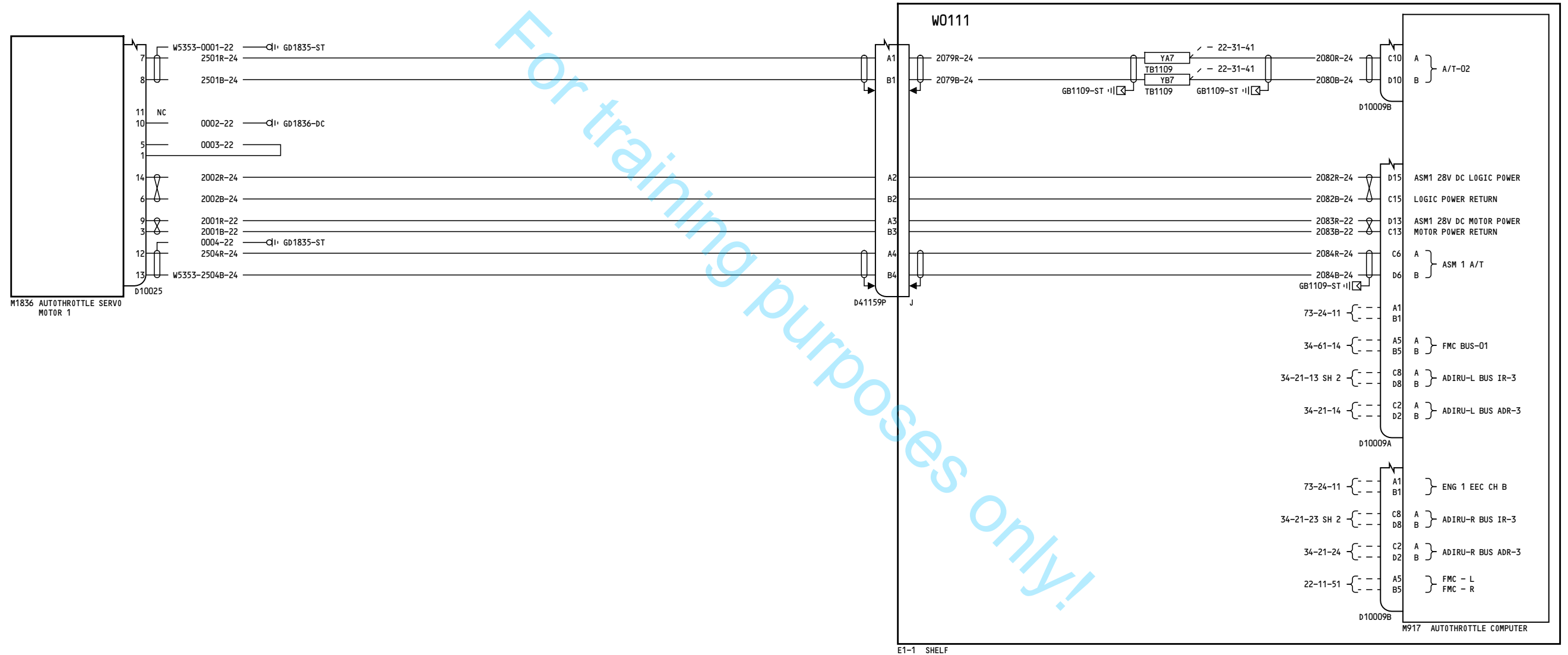
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YC051-YD155

**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 1**

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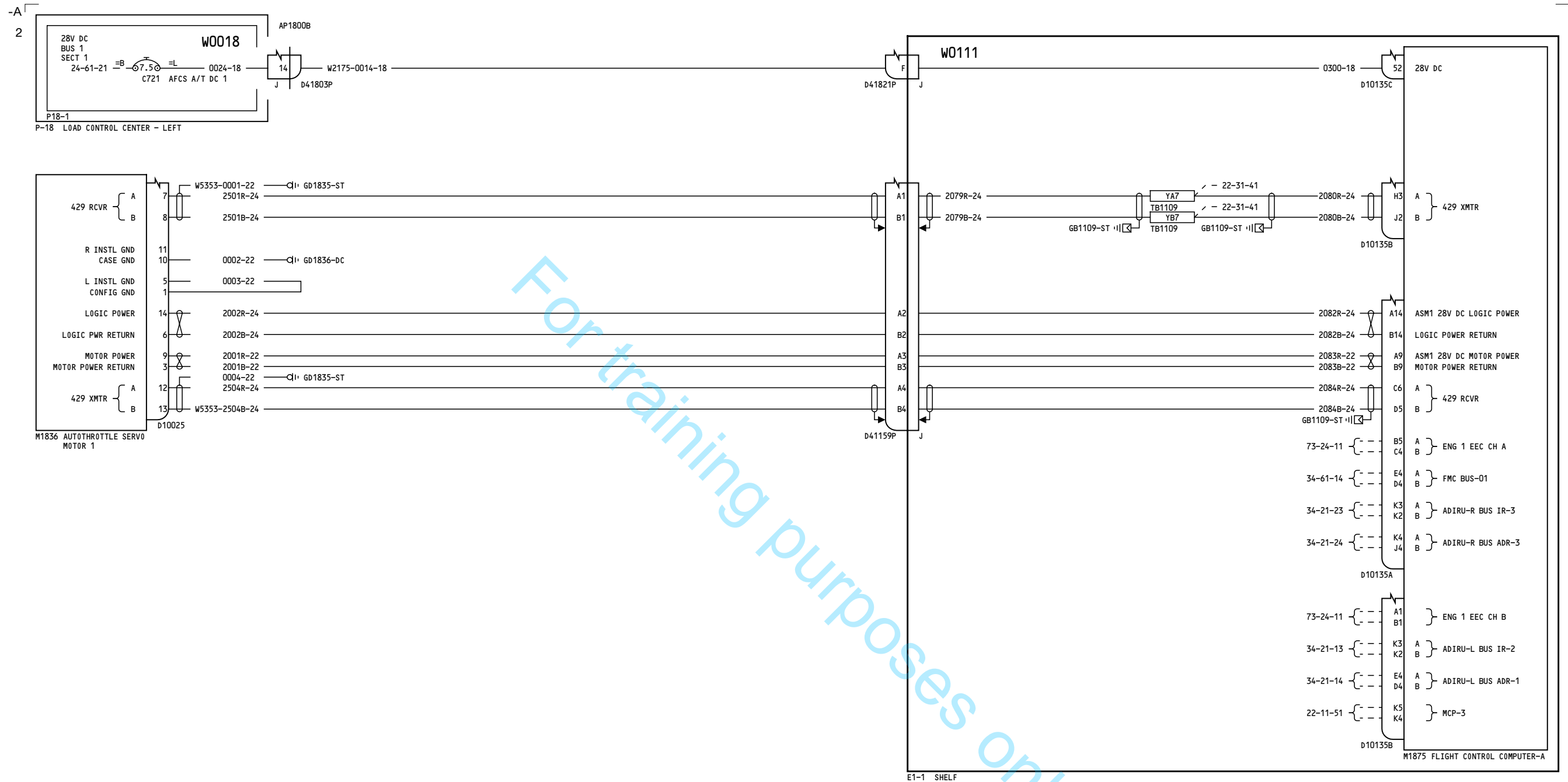
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YD157-YD170, YN231

**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 1**

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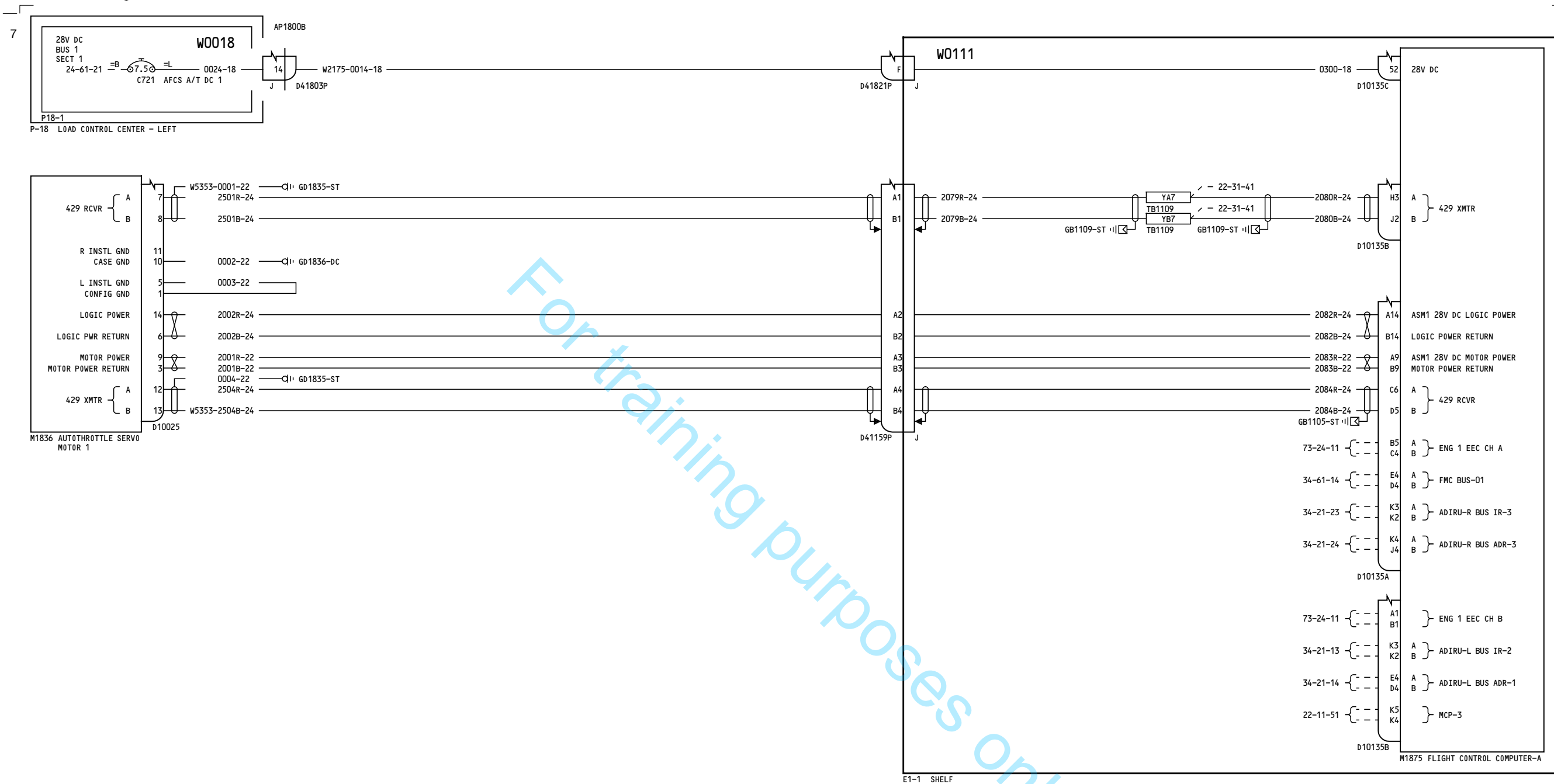
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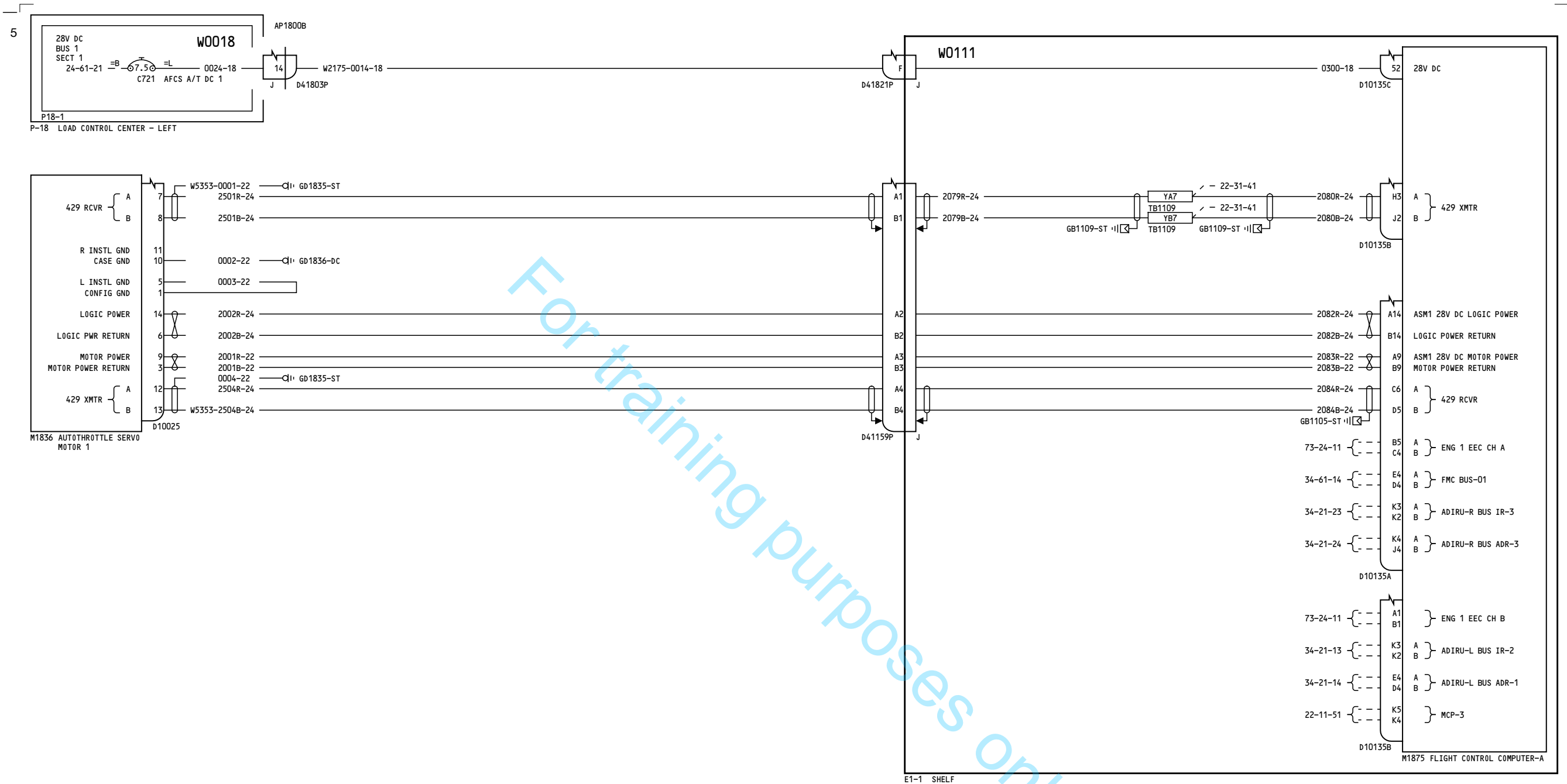
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YR301-YR328

AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 1

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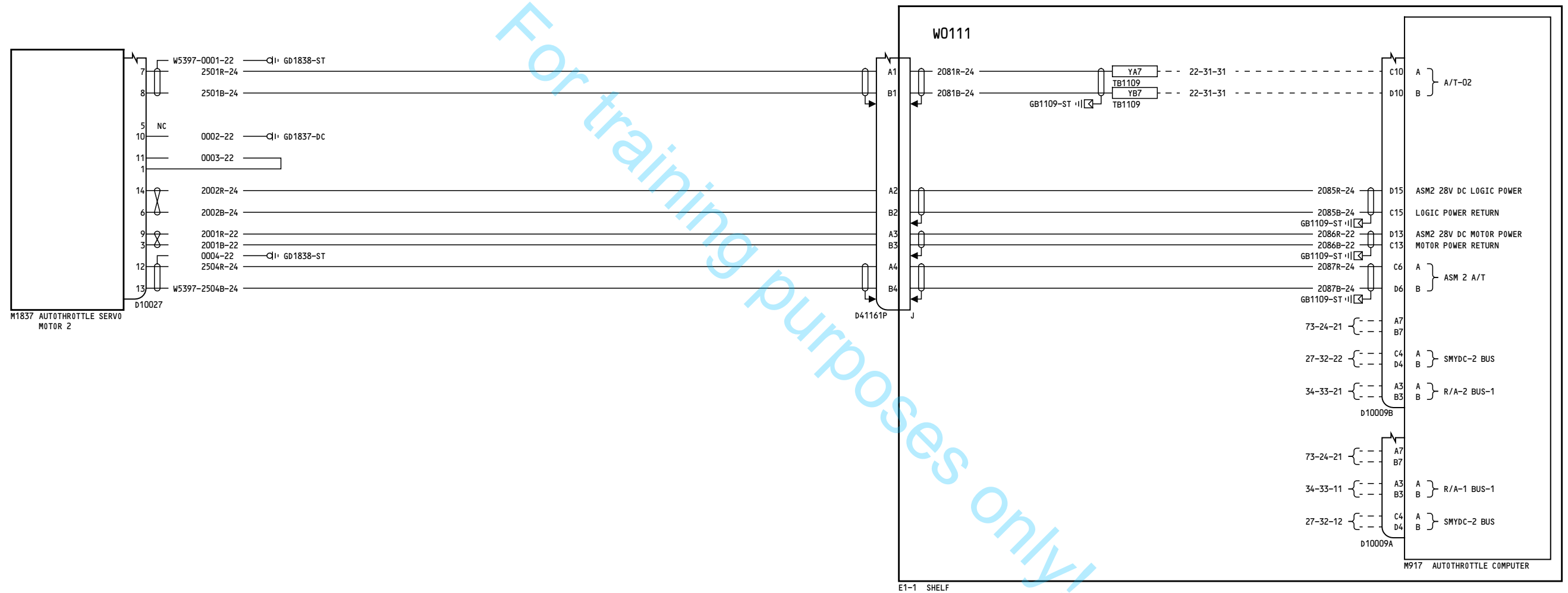
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**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 2**

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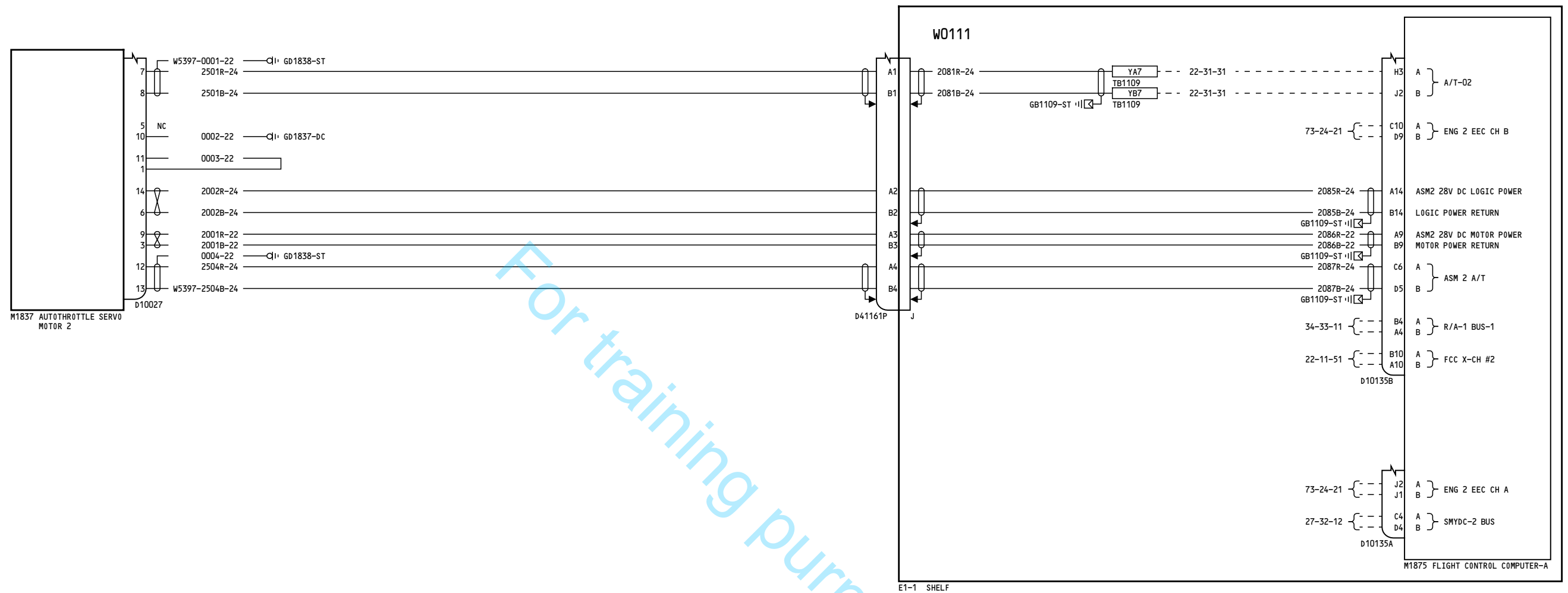
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**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 2**

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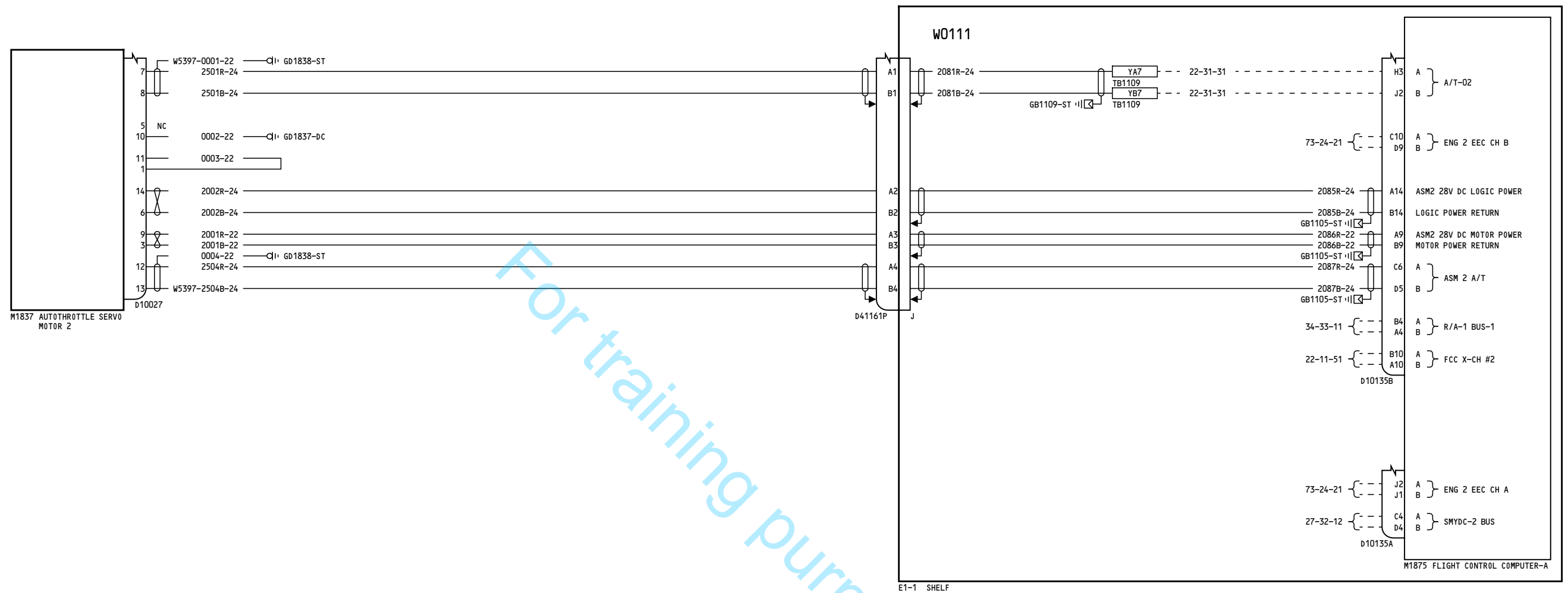
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**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 2**

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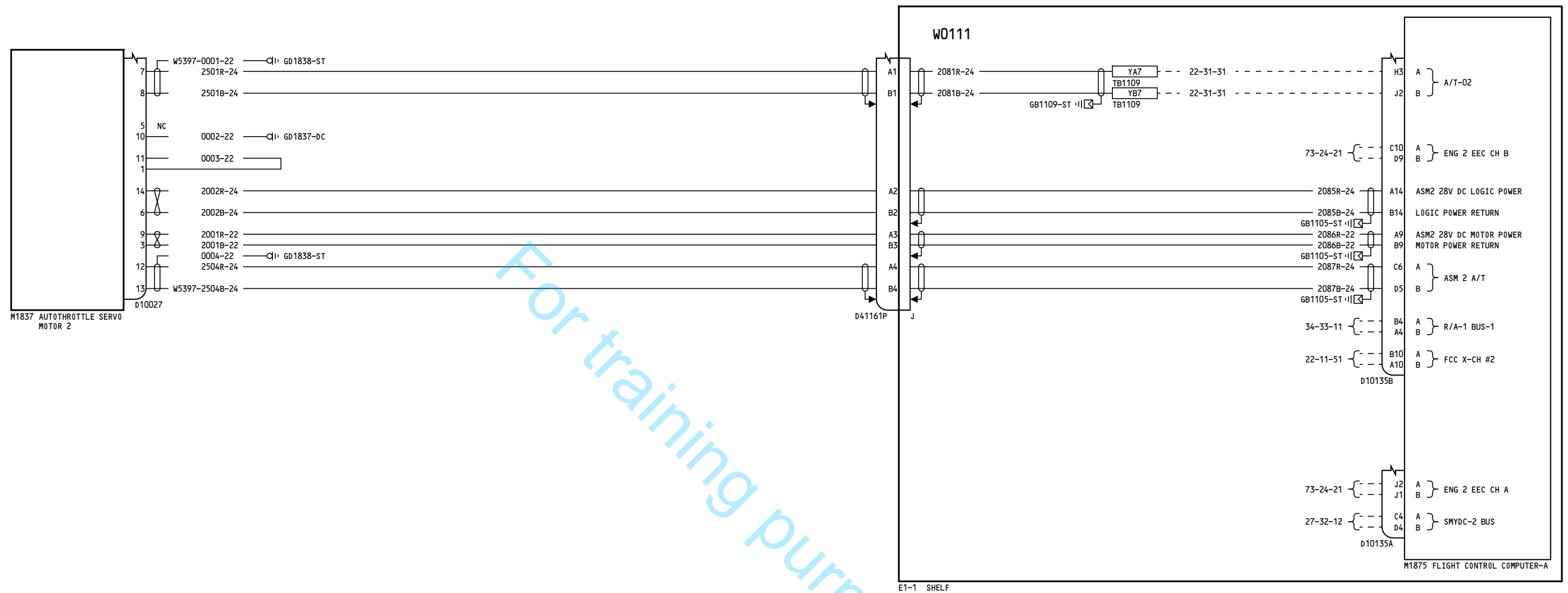
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**AUTOTHROTTLE SYSTEM -  
SERVO MOTOR 2**

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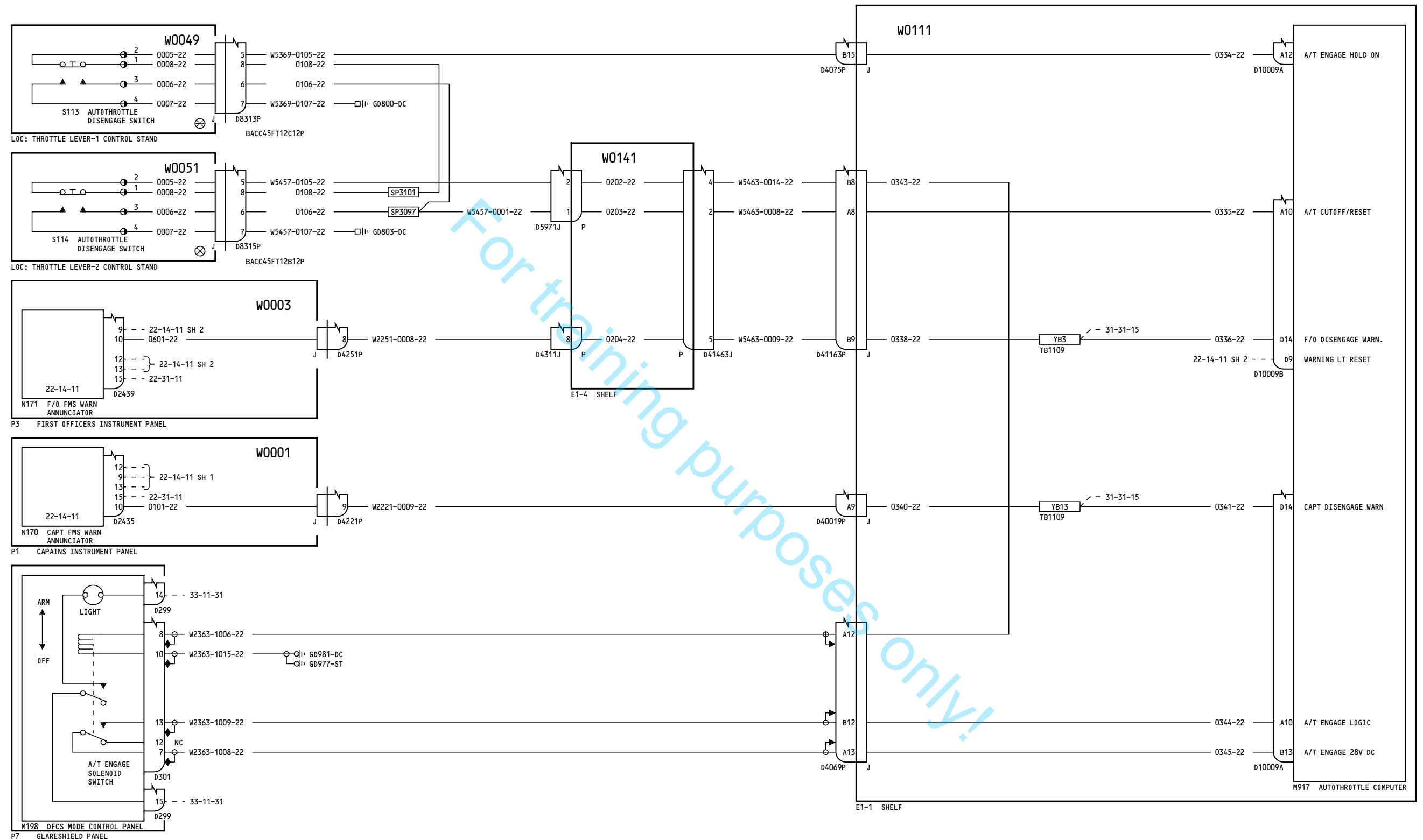
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YC051-YD155

## AUTOTHROTTLE SYSTEM - ENGAGE/DISENGAGE

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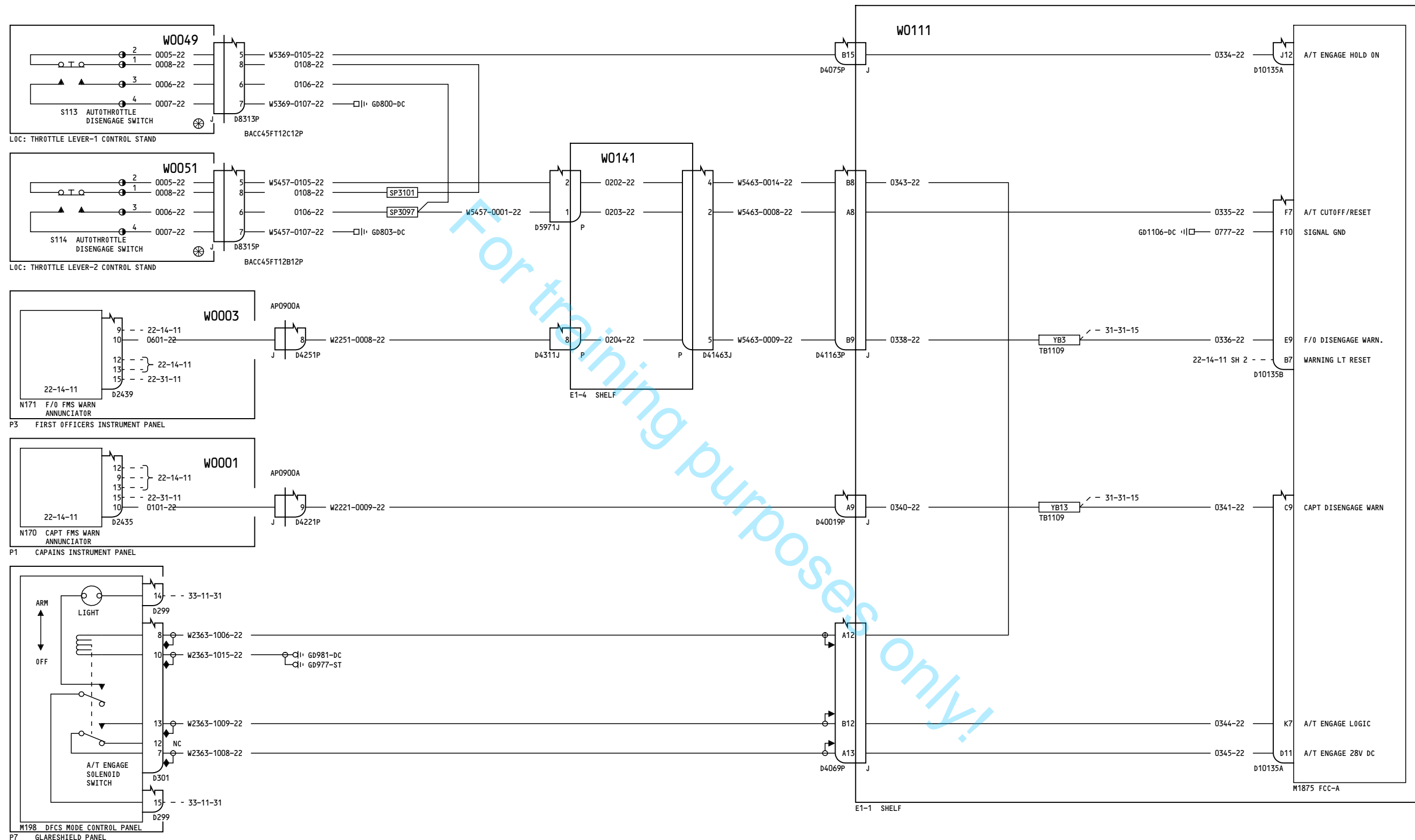
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**AUTOTHROTTLE SYSTEM -  
ENGAGE/DISENGAGE**

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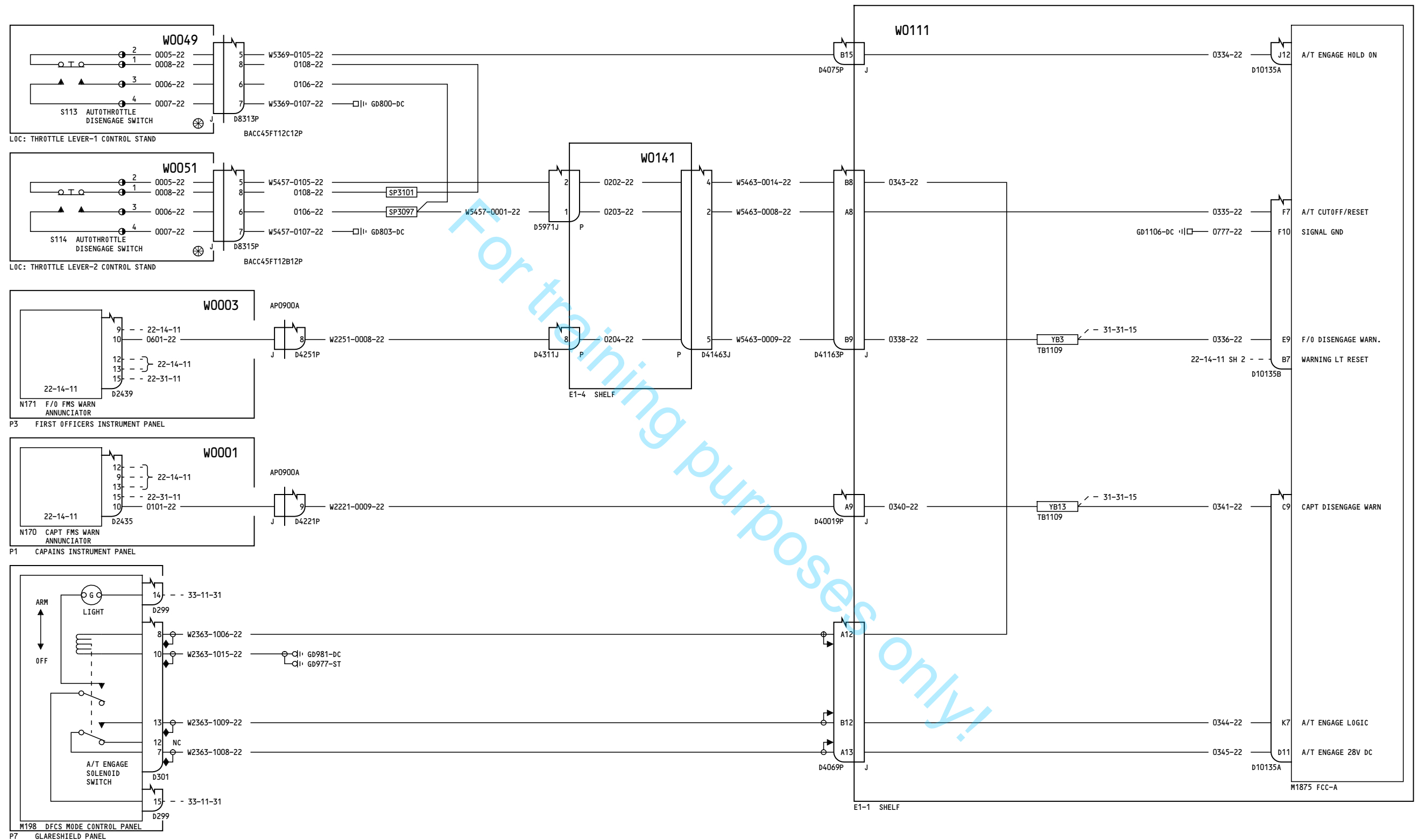
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**AUTOTHROTTLE SYSTEM -  
ENGAGE/DISENGAGE**

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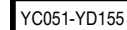
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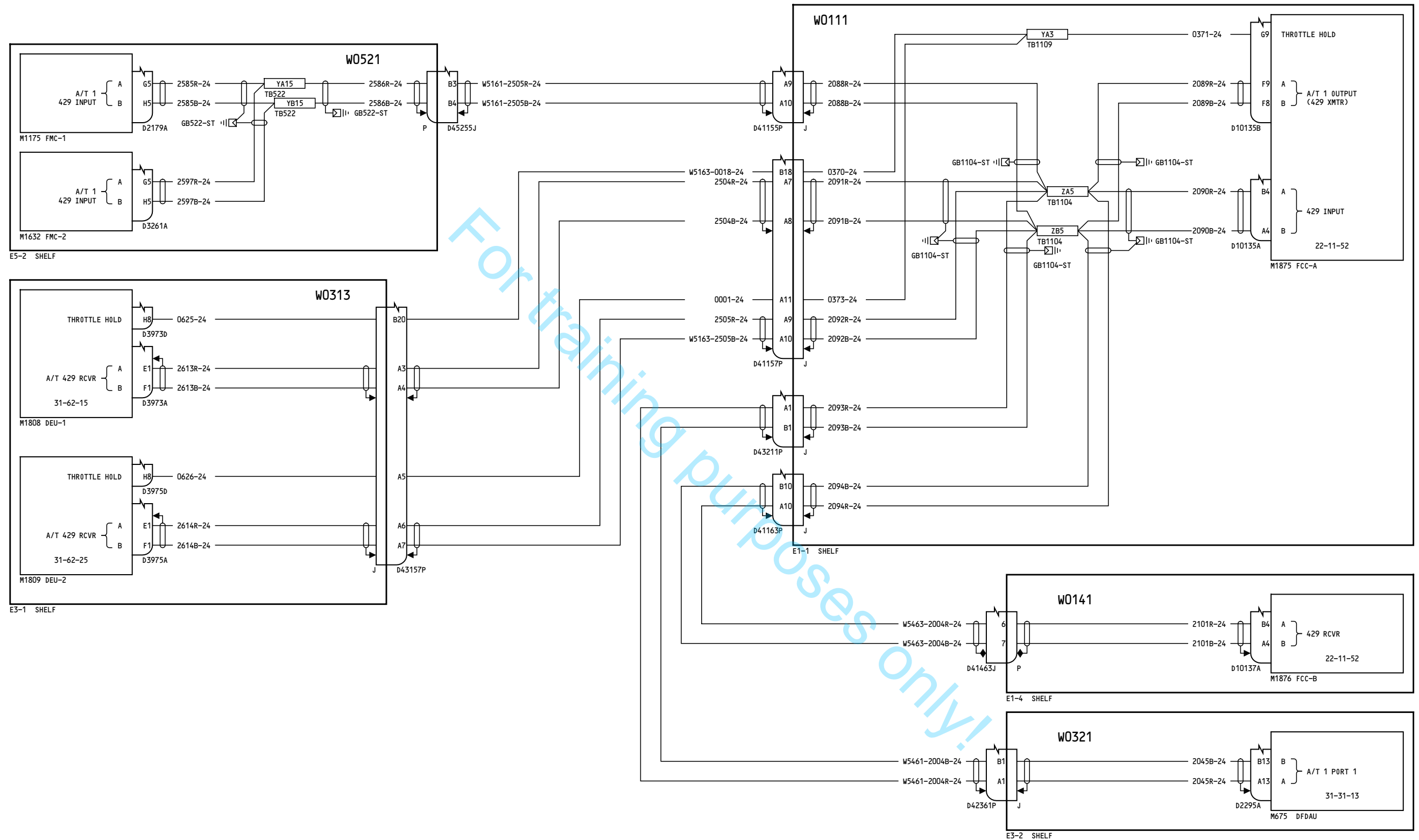
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YD157-YL953

**AUTOTHROTTLE SYSTEM -  
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D280A108

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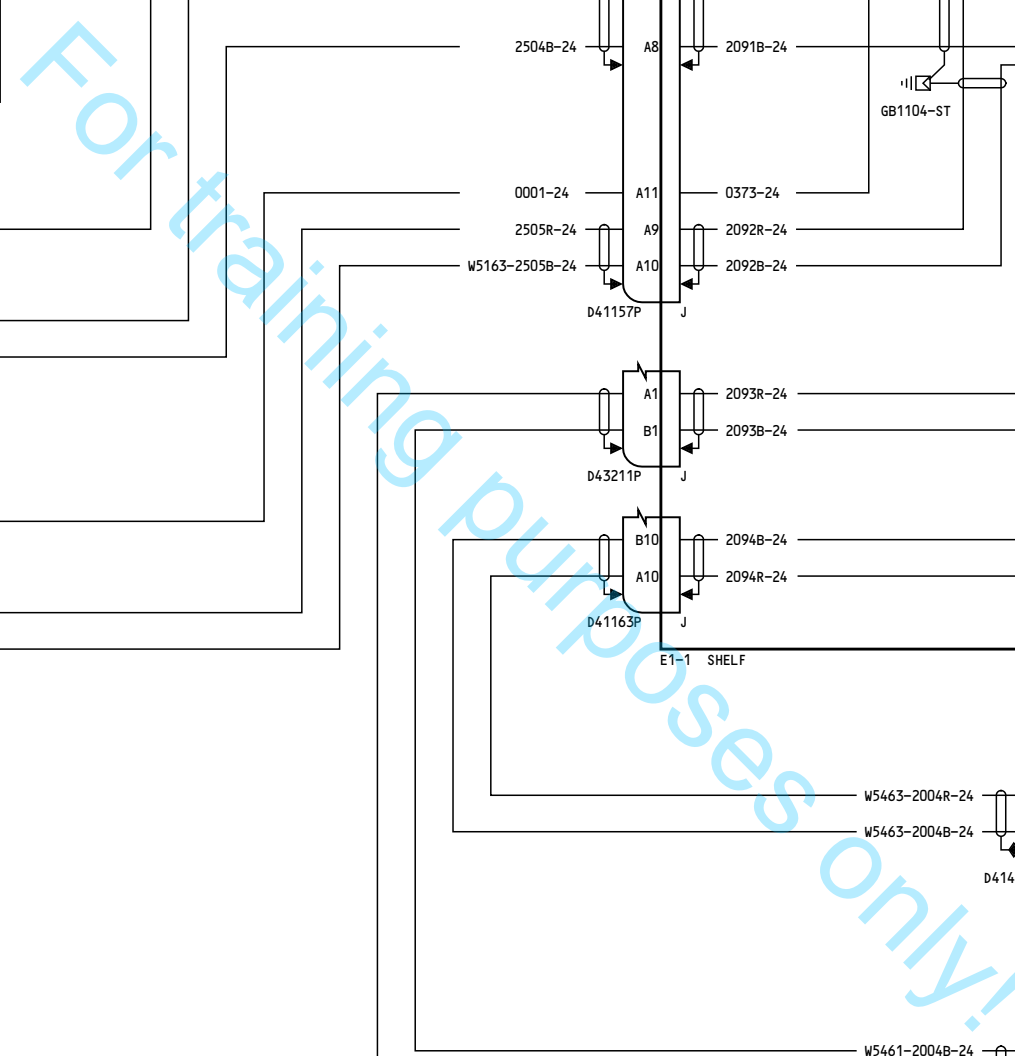
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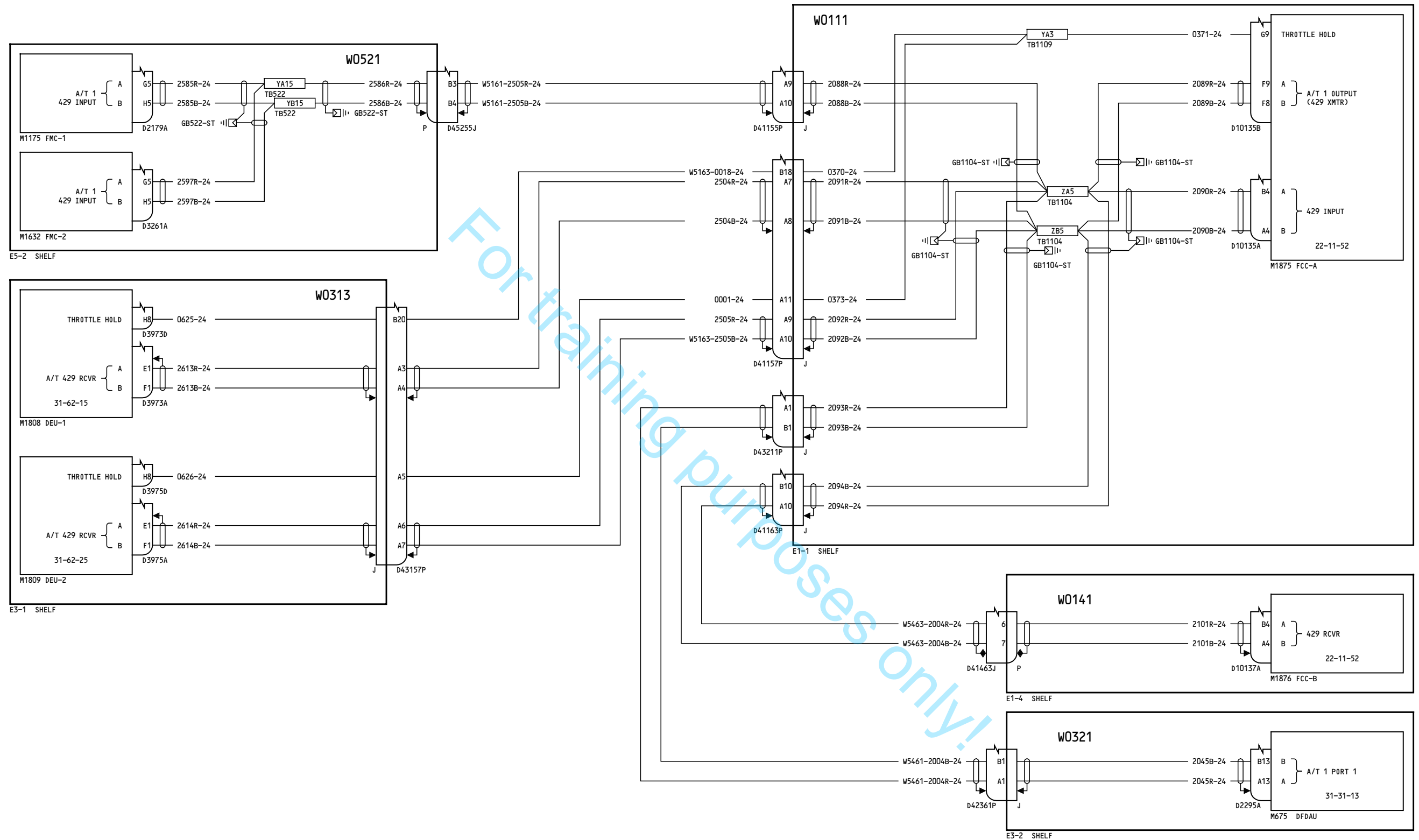
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YN231-YN235

**AUTOTHROTTLE SYSTEM -  
MODE ANNUNCIATION**

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**22-31-52**

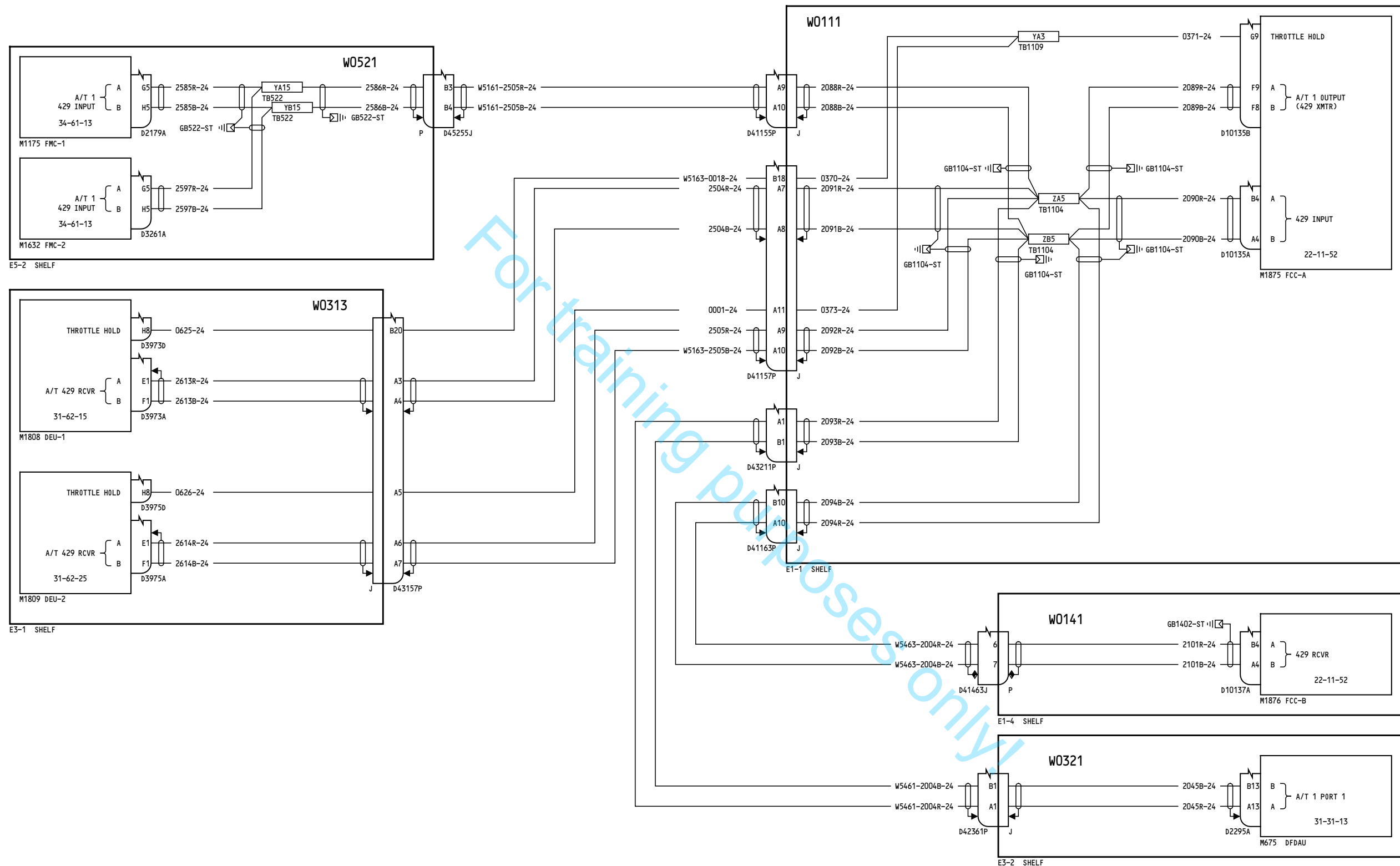
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YN236-YN501

**AUTOTHROTTLE SYSTEM -  
MODE ANNUNCIATION**

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