

# CHAPTER 34 NAVIGATION

For training purposes only!



737-700/800

## WIRING DIAGRAM MANUAL

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NAVIGATION

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34-EFFECTIVE PAGES					34-21-13 (cont.)				
		1 thru 5		Nov 12/2012	R			2	Nov 12/2012
		6		BLANK		34-21-14			
34-CONTENTS							1	1	Feb 10/2005
R		1		Nov 12/2012				2	Feb 10/2005
R		2		Nov 12/2012			2	1	Oct 06/2010
R		3		Nov 12/2012				2	Oct 06/2010
R		4		Nov 12/2012	R		3	1	Nov 12/2012
R		5		Nov 12/2012	R			2	Nov 12/2012
R		6		Nov 12/2012			4	1	Oct 27/2011
R		7		Nov 12/2012				2	Oct 27/2011
R		8		Nov 12/2012			5	1	Feb 01/2010
R		9		Nov 12/2012				2	Feb 01/2010
R		10		Nov 12/2012	R		6	1	Nov 12/2012
R		11		Nov 12/2012	R			2	Nov 12/2012
R		12		Nov 12/2012		34-21-15			
R		13		Nov 12/2012			1		Nov 10/2008
R		14		Nov 12/2012	R		2		Nov 12/2012
34-ALPHABETICAL INDEX						34-21-16			
		1		Aug 30/2007	R		1		Nov 12/2012
		2		Aug 30/2007		34-21-21			
	34-16-11						1		Oct 06/2010
R		1		Nov 12/2012	R		2		Nov 12/2012
	34-16-21				R		3		Nov 12/2012
R		1		Nov 12/2012			4		Oct 06/2010
	34-21-11					34-21-22			
		1		Oct 06/2010			1		Feb 10/2005
R		2		Nov 12/2012	R		2		Nov 12/2012
		3		Oct 27/2011	R		3		Nov 12/2012
R		4		Nov 12/2012		34-21-23			
		5		Oct 06/2010			1	1	Feb 10/2005
	34-21-12							2	Feb 10/2005
R		1		Nov 12/2012			2	1	Oct 06/2010
R		2		Nov 12/2012				2	Oct 06/2010
	34-21-13				R		3	1	Nov 12/2012
		1	1	Feb 10/2005	R			2	Nov 12/2012
			2	Feb 10/2005			4	1	Feb 10/2005
		2	1	Feb 10/2005				2	Feb 10/2005
			2	Feb 10/2005	R		5	1	Nov 12/2012
		3	1	Feb 10/2005	R			2	Nov 12/2012
			2	Feb 10/2005		34-21-24			
		4	1	Oct 06/2010			1	1	Feb 10/2005
			2	Oct 06/2010				2	Feb 10/2005
R		5	1	Nov 12/2012			2	1	Oct 06/2010
R			2	Nov 12/2012				2	Oct 06/2010
		6	1	Feb 10/2005	R		3	1	Nov 12/2012
			2	Aug 30/2007	R			2	Nov 12/2012
		7	1	Oct 27/2011			4	1	Oct 27/2011
			2	Oct 27/2011				2	Oct 27/2011
		8	1	Oct 27/2011			5	1	May 11/2009
			2	Oct 27/2011				2	May 11/2009
R		9	1	Nov 12/2012			6	1	Feb 01/2010

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			2	Feb 01/2010			4	1	Feb 01/2010
		7	1	May 11/2009				2	Feb 01/2010
			2	May 11/2009				3	May 24/2011
		8	1	May 11/2009	R		5	1	Nov 12/2012
			2	May 11/2009	R			2	Nov 12/2012
R		9	1	Nov 12/2012	R			3	Nov 12/2012
R			2	Nov 12/2012		34-45-11			
34-22-11							1		Feb 10/2005
R		1		Nov 12/2012	R		2		Nov 12/2012
34-24-11					R		3		Nov 12/2012
R		1		Nov 12/2012		34-45-21			
34-24-15					R		1		Nov 12/2012
R		1		Nov 12/2012			2	1	Oct 27/2011
		2		Oct 27/2011				2	Oct 27/2011
R		3		Nov 12/2012	R		3	1	Nov 12/2012
34-31-11					R			2	Nov 12/2012
R		1	1	Nov 12/2012		34-49-11			
R			2	Nov 12/2012			1	1	Feb 10/2005
		2	1	Feb 10/2005				2	Feb 10/2005
			2	Feb 10/2005				3	Feb 10/2005
R		3	1	Nov 12/2012			2	1	Feb 10/2005
R			2	Nov 12/2012				2	Feb 10/2005
34-31-21								3	Feb 10/2005
		1	1	Feb 10/2005				4	Aug 30/2007
			2	Feb 10/2005			2.1	1	Aug 14/2012
		2	1	Feb 10/2005				2	Aug 14/2012
			2	Feb 10/2005				3	Aug 14/2012
R		3	1	Nov 12/2012				4	Aug 14/2012
R			2	Nov 12/2012			3	1	Oct 06/2010
R		4	1	Nov 12/2012				2	Oct 06/2010
R			2	Nov 12/2012				3	Oct 06/2010
34-32-11								4	Oct 06/2010
R		1		Nov 12/2012			4	1	Feb 10/2005
34-33-11								2	Feb 10/2005
		1		Nov 28/2007				3	Feb 10/2005
		2		Oct 06/2010				4	Aug 30/2007
R		3		Nov 12/2012	R		5	1	Nov 12/2012
34-33-21					R			2	Nov 12/2012
		1		Oct 06/2010	R			3	Nov 12/2012
R		2		Nov 12/2012	R			4	Nov 12/2012
R		3		Nov 12/2012			6	1	Aug 11/2008
34-41-11								2	Aug 11/2008
		1	1	Aug 30/2007				3	Aug 11/2008
			2	Feb 10/2005				4	Aug 11/2008
			3	Feb 10/2005			7	1	Aug 03/2009
		2	1	Aug 30/2007				2	Aug 03/2009
			2	Aug 30/2007				3	Aug 03/2009
			3	Feb 10/2005				4	Aug 03/2009
R		3	1	Nov 12/2012			8	1	Feb 01/2010
R			2	Nov 12/2012				2	Feb 01/2010
R			3	Nov 12/2012				3	Feb 01/2010

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34-49-11 (cont.)		8			34-53-11 (cont.)		4		
			4	Feb 01/2010				2	Oct 27/2011
		9	1	Aug 03/2009			5	1	May 03/2010
			2	Aug 03/2009				2	Oct 06/2010
			3	Aug 03/2009			6	1	May 03/2010
			4	Aug 03/2009				2	Oct 06/2010
		10	1	Dec 01/2010			7	1	May 03/2010
			2	Dec 01/2010				2	Dec 01/2010
			3	Dec 01/2010			8	1	Aug 08/2011
			4	Dec 01/2010				2	Aug 08/2011
		11	1	Dec 01/2010			9	1	Dec 01/2010
			2	Dec 01/2010				2	Dec 01/2010
			3	Dec 01/2010			10	1	Aug 08/2011
			4	Dec 01/2010				2	Nov 12/2012
R		12	1	Nov 12/2012	R		11	1	Mar 02/2012
R			2	Nov 12/2012	R			2	Nov 12/2012
R			3	Nov 12/2012	R		12	1	Nov 12/2012
R			4	Nov 12/2012	R			2	Nov 12/2012
		13.1	1	Aug 14/2012		34-53-21			
			2	Aug 14/2012			1	1	Feb 10/2005
			3	Aug 14/2012				2	Feb 10/2005
			4	Aug 14/2012			2	1	Oct 06/2010
								2	Oct 06/2010
34-51-11							3	1	Nov 12/2012
R		1	1	Nov 12/2012	R			2	Nov 12/2012
R			2	Nov 12/2012	R		4	1	Oct 27/2011
R		2	1	Nov 12/2012				2	Oct 27/2011
R			2	Nov 12/2012			5	1	Feb 01/2010
34-51-21								2	Oct 06/2010
R		1	1	Nov 12/2012			6	1	Aug 08/2011
R			2	Nov 12/2012				2	Aug 08/2011
		2	1	May 11/2009			7	1	Oct 06/2010
			2	May 11/2009				2	Dec 01/2010
R		3	1	Nov 12/2012			8	1	Mar 02/2012
R			2	Nov 12/2012				2	Nov 12/2012
34-51-41					R		9	1	Nov 12/2012
		1	1	Aug 30/2007	R			2	Nov 12/2012
			2	Feb 10/2005		34-53-31			
			3	Aug 30/2007	R		1		Nov 12/2012
R		2	1	Nov 12/2012		34-55-11			
R			2	Nov 12/2012			1	1	Aug 30/2007
R			3	Nov 12/2012				2	Feb 10/2005
R		3	1	Nov 12/2012			2	1	Nov 12/2012
R			2	Nov 12/2012	R			2	Nov 12/2012
R			3	Nov 12/2012	R		3	1	Oct 27/2011
34-53-11								2	Oct 27/2011
		1	1	Feb 10/2005			4	1	Nov 12/2012
			2	Feb 10/2005	R			2	Nov 12/2012
		2	1	Oct 06/2010	R				
			2	Oct 06/2010		34-55-21			
R		3	1	Nov 12/2012	R		1	1	Nov 12/2012
R			2	Nov 12/2012	R			2	Nov 12/2012
		4	1	Oct 27/2011	R		2	1	Nov 12/2012

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R	34-55-21 (cont.)	2			R	34-61-14 (cont.)	5		
			2	Nov 12/2012				3	Nov 12/2012
R	34-57-11	1		Nov 12/2012		34-61-15	1	1	Aug 03/2009
		1.1		Oct 27/2011				2	Feb 10/2005
R	34-57-21	1		Nov 12/2012	R		2	1	Nov 12/2012
		1.1		Oct 27/2011	R			2	Nov 12/2012
R	34-58-11						3	1	Oct 27/2011
		1		Feb 10/2005				2	Oct 27/2011
		2		Feb 10/2005			4	1	Feb 01/2010
		3		Feb 10/2005	R		5	1	Nov 12/2012
R		4		Nov 12/2012	R			2	Feb 01/2010
		5		Feb 10/2005		34-61-16			Nov 12/2012
R		6		Nov 12/2012	R		1		Nov 12/2012
	34-58-21					34-61-17			Feb 10/2005
		1.1		Feb 10/2005			1		Nov 12/2012
		2		Feb 10/2005	R		2		Oct 06/2010
R		3		Nov 12/2012		34-61-18			Feb 10/2005
		4		Feb 10/2005			1	1	Feb 10/2005
R		5		Nov 12/2012				2	Feb 10/2005
	34-61-11							3	Feb 10/2005
		1	1	Feb 10/2005	R		2		Nov 12/2012
			2	Feb 10/2005	R		3		Nov 12/2012
		2	1	Feb 10/2005		34-61-19			Feb 10/2005
			2	Feb 10/2005			1	1	Aug 30/2007
R		3	1	Nov 12/2012				2	Feb 10/2005
R			2	Nov 12/2012			2	1	Feb 10/2005
R		4	1	Nov 12/2012				2	Aug 30/2007
R			2	Nov 12/2012				2	Aug 30/2007
	34-61-12				R		2.1	1	Nov 12/2012
		1		Feb 10/2005	R			2	Nov 12/2012
R		2		Nov 12/2012	R		2.2	1	Nov 12/2012
R		3		Nov 12/2012	R			2	Nov 12/2012
	34-61-13				R		2.3	1	Nov 12/2012
R		1		Nov 12/2012	A			2	Nov 12/2012
R		2		Nov 12/2012	A		3	1	Oct 06/2010
	34-61-14							2	Oct 06/2010
		1	1	Dec 19/2011			3.1	1	Mar 02/2012
			2	Feb 10/2005				2	Mar 02/2012
			3	Feb 10/2005			3.2	1	Mar 02/2012
		2	1	Dec 19/2011				2	Mar 02/2012
			2	Oct 06/2010			4	1	Feb 10/2005
			3	Oct 06/2010				2	Aug 30/2007
R		3	1	Nov 12/2012			4.1		May 10/2012
R			2	Nov 12/2012			5	1	Feb 10/2005
R			3	Nov 12/2012				2	Aug 30/2007
		4	1	Dec 19/2011	R		6	1	Nov 12/2012
			2	Oct 27/2011	R			2	Nov 12/2012
			3	Oct 27/2011			7	1	Oct 27/2011
R		5	1	Nov 12/2012				2	Oct 27/2011
R			2	Nov 12/2012			8	1	Aug 11/2008

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34-61-19 (cont.)		8							
			2	Aug 11/2008					
		8.1	1	Feb 09/2009					
			2	Feb 09/2009					
R		9	1	Nov 12/2012					
R			2	Nov 12/2012					
		9.1	1	May 24/2011					
			2	May 24/2011					
		9.2	1	May 24/2011					
			2	Aug 08/2011					
R		9.3	1	Nov 12/2012					
R			2	Nov 12/2012					
R		9.4	1	Nov 12/2012					
R			2	Nov 12/2012					
A		9.5	1	Nov 12/2012					
A			2	Nov 12/2012					
		10	1	Oct 06/2010					
			2	Oct 06/2010					
		10.1	1	Feb 01/2010					
			2	Feb 01/2010					
		11	1	Aug 08/2011					
			2	Aug 08/2011					
34-61-21									
R		1		Nov 12/2012					
R		2		Nov 12/2012					
34-61-22									
		1		Feb 10/2005					
R		2		Nov 12/2012					
R		3		Nov 12/2012					
34-61-23									
R		1		Nov 12/2012					
R		2		Nov 12/2012					
34-61-24									
R		1		Nov 12/2012					
R		2		Nov 12/2012					
34-61-25									
		1		Oct 27/2011					
		2		Feb 01/2010					
34-61-26									
R		1		Nov 12/2012					

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<b><u>OVERSPEED WARNING</u></b>						
AIR DATA INERTIAL REFERENCE SYSTEM OVERSPEED TEST LEFT	34-16-11		1		Nov 12/2012	ALL
AIR DATA INERTIAL REFERENCE SYSTEM OVERSPEED TEST RIGHT	34-16-21		1		Nov 12/2012	ALL
<b><u>AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS)</u></b>						
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT CONTROL & WARNING	34-21-11		1		Oct 06/2010	YC051-YD153
			2		Nov 12/2012	YD154-YD157
			3		Oct 27/2011	YD158-YD170
			4		Nov 12/2012	YL951-YL999 YR301-YR328
			5		Oct 06/2010	YN231-YN501
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT SYSTEM INPUTS	34-21-12		1		Nov 12/2012	YC051-YD170
			2		Nov 12/2012	YL951-YR328
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT IR OUTPUTS	34-21-13		1	1	Feb 10/2005	YC051-YC052
			2		Feb 10/2005	YC051-YC052
			2	1	Feb 10/2005	YC053-YC058
			2		Feb 10/2005	YC053-YC058
			3	1	Feb 10/2005	YC059-YC064
			2		Feb 10/2005	YC059-YC064
			4	1	Oct 06/2010	YC065-YD155
			2		Oct 06/2010	YC065-YD155
			5	1	Nov 12/2012	YD157
			2		Nov 12/2012	YD157
			6	1	Feb 10/2005	YD158
			2		Aug 30/2007	YD158
			7	1	Oct 27/2011	YL951-YL953 YN231-YN235

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AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT IR OUTPUTS (cont.)	34-21-13			2	Oct 27/2011	YL951-YL953 YN231-YN235
			8	1	Oct 27/2011	YL954-YL999 YN236-YN260
				2	Oct 27/2011	YL954-YL999 YN236-YN260
			9	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT ADR OUTPUTS	34-21-14		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Oct 06/2010	YC053-YD155
				2	Oct 06/2010	YC053-YD155
			3	1	Nov 12/2012	YD157
				2	Nov 12/2012	YD157
			4	1	Oct 27/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
			5	1	Feb 01/2010	YL951-YN260
				2	Feb 01/2010	YL951-YN260
			6	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
AIR DATA INERTIAL REFERENCE SYSTEM - IR SIGNAL SWITCHING	34-21-15		1		Nov 10/2008	YC051-YC052
				2	Nov 12/2012	YC053-YR328
ADIRS - NO COOLING AND "ON DC" OPERATION WARNING	34-21-16		1		Nov 12/2012	ALL
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT CONTROL & WARNING	34-21-21		1		Oct 06/2010	YC051-YD153
				2	Nov 12/2012	YD154-YD170
				3	Nov 12/2012	YL951-YL999 YR301-YR328

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AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT CONTROL & WARNING (cont.)	34-21-21		4		Oct 06/2010	YN231-YN501
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT SYSTEM INPUTS	34-21-22		1		Feb 10/2005	YC051-YC060
			2		Nov 12/2012	YC061-YD170
			3		Nov 12/2012	YL951-YR328
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT IR OUTPUTS	34-21-23		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Oct 06/2010	YC053-YD155
				2	Oct 06/2010	YC053-YD155
			3	1	Nov 12/2012	YD157
				2	Nov 12/2012	YD157
			4	1	Feb 10/2005	YD158
				2	Feb 10/2005	YD158
			5	1	Nov 12/2012	YL951-YR328
				2	Nov 12/2012	YL951-YR328
AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT ADR OUTPUTS	34-21-24		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Oct 06/2010	YC053-YD155
				2	Oct 06/2010	YC053-YD155
			3	1	Nov 12/2012	YD157
				2	Nov 12/2012	YD157
			4	1	Oct 27/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
			5	1	May 11/2009	YL951-YL953
				2	May 11/2009	YL951-YL953
			6	1	Feb 01/2010	YL954-YL999
				2	Feb 01/2010	YL954-YL999

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AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT ADR OUTPUTS (cont.)	34-21-24		7	1	May 11/2009	YN231
				2	May 11/2009	YN231
			8	1	May 11/2009	YN232-YN235
				2	May 11/2009	YN232-YN235
			9	1	Nov 12/2012	YN236-YR328
				2	Nov 12/2012	YN236-YR328
<b><u>RADIO MAGNETIC INDICATOR</u></b>						
RMI BEARING AND HEADING	34-22-11		1		Nov 12/2012	ALL
<b><u>STANDBY ATTITUDE REFERENCE SYSTEM</u></b>						
STANDBY ATTITUDE - ILS	34-24-11		1		Nov 12/2012	YC051-YD157
INTEGRATED STANDBY FLIGHT DISPLAY SYSTEM	34-24-15		1		Nov 12/2012	YC051-YD157
				2	Oct 27/2011	YD158
				3	Nov 12/2012	YL951-YR328
<b><u>INSTRUMENT LANDING SYSTEM (ILS)</u></b>						
MMR - ILS NO. 1	34-31-11		1	1	Nov 12/2012	YC051-YD157
				2	Nov 12/2012	YC051-YD157
			2	1	Feb 10/2005	YD158
				2	Feb 10/2005	YD158
			3	1	Nov 12/2012	YL951-YR328
				2	Nov 12/2012	YL951-YR328
MMR - ILS NO. 2	34-31-21		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Feb 10/2005	YC053-YC064
				2	Feb 10/2005	YC053-YC064
			3	1	Nov 12/2012	YC065-YD158
				2	Nov 12/2012	YC065-YD158
			4	1	Nov 12/2012	YL951-YR328
				2	Nov 12/2012	YL951-YR328
<b><u>MARKER BEACON SYSTEM</u></b>						
MARKER BEACON	34-32-11		1		Nov 12/2012	ALL

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<b><u>LOW RANGE RADIO ALTIMETER (LRRR) SYSTEM</u></b>						
RADIO ALTIMETER SYSTEM -1	34-33-11		1		Nov 28/2007	YC051-YC052
			2		Oct 06/2010	YC053-YD155
			3		Nov 12/2012	YD157-YR328
RADIO ALTIMETER SYSTEM -2	34-33-21		1		Oct 06/2010	YC051-YD155
			2		Nov 12/2012	YD157-YD170
			3		Nov 12/2012	YL951-YR328
<b><u>WEATHER RADAR SYSTEM</u></b>						
WEATHER RADAR	34-41-11		1	1	Aug 30/2007	YC051-YC052
				2	Feb 10/2005	YC051-YC052
				3	Feb 10/2005	YC051-YC052
			2	1	Aug 30/2007	YC053-YC058
				2	Aug 30/2007	YC053-YC058
				3	Feb 10/2005	YC053-YC058
			3	1	Nov 12/2012	YC059-YD170
				2	Nov 12/2012	YC059-YD170
				3	Nov 12/2012	YC059-YD170
			4	1	Feb 01/2010	YL951-YN260
				2	Feb 01/2010	YL951-YN260
				3	May 24/2011	YL951-YN260
			5	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
				3	Nov 12/2012	YN501-YR328
<b><u>TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)</u></b>						
TCAS POWER AND DISPLAY	34-45-11		1		Feb 10/2005	YC051-YC052
			2		Nov 12/2012	YC053-YD170
			3		Nov 12/2012	YL951-YR328
TCAS ANTENNA/INTERFACE	34-45-21		1		Nov 12/2012	YC051-YD157
			2	1	Oct 27/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
			3	1	Nov 12/2012	YL951-YR328
			2	Nov 12/2012	YL951-YR328	

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<b>GROUND PROXIMITY WARNING SYSTEM</b>						
GROUND PROXIMITY WARNING	34-49-11	1	1		Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
				3	Feb 10/2005	YC051-YC052
		2	1		Feb 10/2005	YC053-YC064
				2	Feb 10/2005	YC053-YC064
				3	Feb 10/2005	YC053-YC064
		2.1	1		Aug 30/2007	YC053-YC064
				4	Aug 30/2007	YC053-YC064
				2.1	Aug 14/2012	YC053 YC055
		2	2		Aug 14/2012	YC053 YC055
				3	Aug 14/2012	YC053 YC055
				4	Aug 14/2012	YC053 YC055
		3	1		Oct 06/2010	YC065-YC070
				2	Oct 06/2010	YC065-YC070
				3	Oct 06/2010	YC065-YC070
		4	1		Oct 06/2010	YC065-YC070
				4	Oct 06/2010	YC065-YC070
				4	Feb 10/2005	YD151-YD153
		2	2		Feb 10/2005	YD151-YD153
				3	Feb 10/2005	YD151-YD153
				4	Aug 30/2007	YD151-YD153
		5	1		Nov 12/2012	YD154-YD170
				2	Nov 12/2012	YD154-YD170
				3	Nov 12/2012	YD154-YD170
		4	4		Nov 12/2012	YD154-YD170
				4	Nov 12/2012	YD154-YD170
				6	Aug 11/2008	YL951-YL952
		2	2		Aug 11/2008	YL951-YL952
				3	Aug 11/2008	YL951-YL952
				4	Aug 11/2008	YL951-YL952
		7	1		Aug 03/2009	YL953-YL955
				2	Aug 03/2009	YL953-YL955
				3	Aug 03/2009	YL953-YL955
		4	4		Aug 03/2009	YL953-YL955
				4	Aug 03/2009	YL953-YL955
				8	Feb 01/2010	YL956-YL999

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GROUND PROXIMITY WARNING (cont.)	34-49-11			2	Feb 01/2010	YL956-YL999	
				3	Feb 01/2010	YL956-YL999	
				4	Feb 01/2010	YL956-YL999	
				9	1	Aug 03/2009	YN231-YN235
					2	Aug 03/2009	YN231-YN235
					3	Aug 03/2009	YN231-YN235
					4	Aug 03/2009	YN231-YN235
				10	1	Dec 01/2010	YN236-YN260
					2	Dec 01/2010	YN236-YN260
					3	Dec 01/2010	YN236-YN260
					4	Dec 01/2010	YN236-YN260
				11	1	Dec 01/2010	YN501
					2	Dec 01/2010	YN501
					3	Dec 01/2010	YN501
					4	Dec 01/2010	YN501
				12	1	Nov 12/2012	YR301-YR308 YR312-YR328
					2	Nov 12/2012	YR301-YR308 YR312-YR328
					3	Nov 12/2012	YR301-YR308 YR312-YR328
					4	Nov 12/2012	YR301-YR308 YR312-YR328
				13.1	1	Aug 14/2012	YR309
					2	Aug 14/2012	YR309
					3	Aug 14/2012	YR309
					4	Aug 14/2012	YR309
<b><u>VOR SYSTEM</u></b>							
VOR NO. 1	34-51-11			1	Nov 12/2012	YC051-YD170	
				2	Nov 12/2012	YC051-YD170	
				2	Nov 12/2012	YL951-YR328	
				2	Nov 12/2012	YL951-YR328	
VOR NO. 2	34-51-21			1	Nov 12/2012	YC051-YD170	
				2	Nov 12/2012	YC051-YD170	

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
VOR NO. 2 (cont.)	34-51-21		2	1	May 11/2009	YL951-YL953 YN231-YN235
				2	May 11/2009	YL951-YL953 YN231-YN235
			3	1	Nov 12/2012	YL954-YL999 YN236-YR328
				2	Nov 12/2012	YL954-YL999 YN236-YR328
VOR/ILS INSTRUMENT TRANSFER SWITCHING	34-51-41		1	1	Aug 30/2007	YC051-YC052
				2	Feb 10/2005	YC051-YC052
				3	Aug 30/2007	YC051-YC052
			2	1	Nov 12/2012	YC053-YD158
				2	Nov 12/2012	YC053-YD158
				3	Nov 12/2012	YC053-YD158
			3	1	Nov 12/2012	YD160-YR328
				2	Nov 12/2012	YD160-YR328
				3	Nov 12/2012	YD160-YR328
<b><u>ATC SYSTEM</u></b>						
ATC TRANSPONDER 1	34-53-11		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Oct 06/2010	YC053-YC070
				2	Oct 06/2010	YC053-YC070
			3	1	Nov 12/2012	YD151-YD157
				2	Nov 12/2012	YD151-YD157
			4	1	Oct 27/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
			5	1	May 03/2010	YL951-YL959
				2	Oct 06/2010	YL951-YL959
			6	1	May 03/2010	YL963-YL999
				2	Oct 06/2010	YL963-YL999
			7	1	May 03/2010	YN231-YN235
				2	Dec 01/2010	YN231-YN235
			8	1	Aug 08/2011	YN236
				2	Aug 08/2011	YN236

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ATC TRANSPONDER 1 (cont.)	34-53-11		9	1	Dec 01/2010	YN501			
				2	Dec 01/2010	YN501			
			10	1	Aug 08/2011	YR301			
				2	Nov 12/2012	YR301			
			11	1	Mar 02/2012	YR303-YR309			
				2	Nov 12/2012	YR303-YR309			
			12	1	Nov 12/2012	YR312-YR328			
				2	Nov 12/2012	YR312-YR328			
ATC TRANSPONDER 2	34-53-21		1	1	Feb 10/2005	YC051-YC052			
				2	Feb 10/2005	YC051-YC052			
			2	1	Oct 06/2010	YC053-YC070			
				2	Oct 06/2010	YC053-YC070			
			3	1	Nov 12/2012	YD151-YD157			
				2	Nov 12/2012	YD151-YD157			
			4	1	Oct 27/2011	YD158-YD170			
				2	Oct 27/2011	YD158-YD170			
			5	1	Feb 01/2010	YL951-YL999			
				2	Oct 06/2010	YL951-YL999			
			6	1	Aug 08/2011	YN231-YN236			
				2	Aug 08/2011	YN231-YN236			
			7	1	Oct 06/2010	YN501			
				2	Dec 01/2010	YN501			
			8	1	Mar 02/2012	YR301-YR309			
				2	Nov 12/2012	YR301-YR309			
			9	1	Nov 12/2012	YR312-YR328			
				2	Nov 12/2012	YR312-YR328			
			ATC ANTENNA SELECT	34-53-31		1		Nov 12/2012	ALL
			<b><u>DISTANCE MEASURING SYSTEM (DME) SYSTEM</u></b>						
DME NO. 1	34-55-11		1	1	Aug 30/2007	YC051-YC052			
				2	Feb 10/2005	YC051-YC052			
			2	1	Nov 12/2012	YC053-YD157			
				2	Nov 12/2012	YC053-YD157			
			3	1	Oct 27/2011	YD158-YD170			

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DME NO. 1 (cont.)	34-55-11			2	Oct 27/2011	YD158-YD170
			4	1	Nov 12/2012	YL951-YR328
				2	Nov 12/2012	YL951-YR328
DME NO. 2	34-55-21		1	1	Nov 12/2012	YC051-YD157
				2	Nov 12/2012	YC051-YD157
			2	1	Nov 12/2012	YD158-YR328
				2	Nov 12/2012	YD158-YR328
<b><u>AUTOMATIC DIRECTION FINDER (ADF) SYSTEM</u></b>						
ADF-1	34-57-11		1		Nov 12/2012	ALL
			1.1		Oct 27/2011	YL957
ADF-2	34-57-21		1		Nov 12/2012	ALL
			1.1		Oct 27/2011	YL957
<b><u>GLOBAL POSITIONING SYSTEM (GPS)</u></b>						
GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.1	34-58-11		1		Feb 10/2005	YC051-YC052
			2		Feb 10/2005	YC053
			3		Feb 10/2005	YC054-YC055
			4		Nov 12/2012	YC056-YD157
			5		Feb 10/2005	YD158
			6		Nov 12/2012	YL951-YR328
GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.2	34-58-21		1.1		Feb 10/2005	YC051-YC052
			2		Feb 10/2005	YC053
			3		Nov 12/2012	YC054-YD157
			4		Feb 10/2005	YD158
			5		Nov 12/2012	YD160-YR328
<b><u>FLIGHT MANAGEMENT COMPUTER SYSTEM (FMCS)</u></b>						
FMCS POWER AND DISPLAY	34-61-11		1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			2	1	Feb 10/2005	YC053-YC058
				2	Feb 10/2005	YC053-YC058
			3	1	Nov 12/2012	YC059-YD170
				2	Nov 12/2012	YC059-YD170
			4	1	Nov 12/2012	YL951-YR328

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FMCS POWER AND DISPLAY (cont.)	34-61-11			2	Nov 12/2012	YL951-YR328
FMCS SWITCHING AND INTER-SYSTEM BUS	34-61-12		1		Feb 10/2005	YC051-YC064
			2		Nov 12/2012	YC065-YD157
			3		Nov 12/2012	YD158-YR328
FMCS ARINC 429 INPUTS	34-61-13		1		Nov 12/2012	YC051-YD157
			2		Nov 12/2012	YD158-YR328
FMCS GENERAL OUTPUT BUSES FMC-01 AND FMC-02	34-61-14		1	1	Dec 19/2011	YC051-YC055
				2	Feb 10/2005	YC051-YC055
				3	Feb 10/2005	YC051-YC055
			2	1	Dec 19/2011	YC056-YD155
				2	Oct 06/2010	YC056-YD155
				3	Oct 06/2010	YC056-YD155
			3	1	Nov 12/2012	YD157
				2	Nov 12/2012	YD157
				3	Nov 12/2012	YD157
			4	1	Dec 19/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
				3	Oct 27/2011	YD158-YD170
			5	1	Nov 12/2012	YL951-YR328
				2	Nov 12/2012	YL951-YR328
				3	Nov 12/2012	YL951-YR328
FMCS OUTPUT BUSSES FMC-08 AND FMC-09	34-61-15		1	1	Aug 03/2009	YC051-YC055
				2	Feb 10/2005	YC051-YC055
			2	1	Nov 12/2012	YC056-YD157
				2	Nov 12/2012	YC056-YD157
			3	1	Oct 27/2011	YD158-YD170
				2	Oct 27/2011	YD158-YD170
			4	1	Feb 01/2010	YL951-YN260
				2	Feb 01/2010	YL951-YN260
			5	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328

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FMCS MESSAGE AND FAIL STATUS	34-61-16		1		Nov 12/2012	ALL
FMCS ANALOG DISCRETES	34-61-17		1		Feb 10/2005	YC051-YC052
			2		Nov 12/2012	YC053-YL999 YR301-YR328
			3		Oct 06/2010	YN231-YN501
FMCS/DATA LOADER INTERFACE	34-61-18		1	1	Feb 10/2005	YC051-YC058
				2	Feb 10/2005	YC051-YC058
				3	Feb 10/2005	YC051-YC058
FMCS PROGRAM PINS	34-61-19		2		Nov 12/2012	YC059-YD170
			3		Nov 12/2012	YL951-YR328
			1	1	Feb 10/2005	YC051-YC052
				2	Aug 30/2007	YC051-YC052
			2	1	Feb 10/2005	YC053-YC058
				2	Aug 30/2007	YC053-YC058
			2.1	1	Nov 12/2012	YC053 YC055
				2	Nov 12/2012	YC053 YC055
			2.2	1	Nov 12/2012	YC054 YC056
				2	Nov 12/2012	YC054 YC056
			2.3	1	Nov 12/2012	YC057-YC058
				2	Nov 12/2012	YC057-YC058
			3	1	Oct 06/2010	YC059-YC065
				2	Oct 06/2010	YC059-YC065
			3.1	1	Mar 02/2012	YC059
				2	Mar 02/2012	YC059
			3.2	1	Mar 02/2012	YC062 YC064
				2	Mar 02/2012	YC062 YC064
			4	1	Feb 10/2005	YC067-YD151
				2	Aug 30/2007	YC067-YD151
			4.1		May 10/2012	YC067-YD151
			5	1	Feb 10/2005	YD152-YD154
				2	Aug 30/2007	YD152-YD154
			6	1	Nov 12/2012	YD155-YD157

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FMCS PROGRAM PINS (cont.)	34-61-19			2	Nov 12/2012	YD155-YD157
			7	1	Oct 27/2011	YD158
				2	Oct 27/2011	YD158
			8	1	Aug 11/2008	YL951-YL952
				2	Aug 11/2008	YL951-YL952
			8.1	1	Feb 09/2009	YL951-YL952
				2	Feb 09/2009	YL951-YL952
			9	1	Nov 12/2012	YL953-YL999 YR301-YR305 YR307 YR309-YR328
				2	Nov 12/2012	YL953-YL999 YR301-YR305 YR307 YR309-YR328
			9.1	1	May 24/2011	YL954-YL956
				2	May 24/2011	YL954-YL956
			9.2	1	May 24/2011	YL957
				2	Aug 08/2011	YL957
			9.3	1	Nov 12/2012	YL958
				2	Nov 12/2012	YL958
			9.4	1	Nov 12/2012	YL964
				2	Nov 12/2012	YL964
			9.5	1	Nov 12/2012	YL967
				2	Nov 12/2012	YL967
			10	1	Oct 06/2010	YN231-YN501
				2	Oct 06/2010	YN231-YN501
			10.1	1	Feb 01/2010	YN235
				2	Feb 01/2010	YN235
			11	1	Aug 08/2011	YR306 YR308
				2	Aug 08/2011	YR306 YR308
FMCS/MCDU INTERFACE WITH ACARS	34-61-21		1		Nov 12/2012	YC051-YD157
			2		Nov 12/2012	YD158-YR328
FMCS BITE PRINTER AND PORTABLE CDU RECEPTACLES	34-61-22		1		Feb 10/2005	YC051-YC058

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I	FMCS BITE PRINTER AND PORTABLE CDU RECEPTACLES (cont.)	34-61-22		2		Nov 12/2012	YC059-YD170
I				3		Nov 12/2012	YL951-YR328
I	CDU/MCDU INTERFACE	34-61-23		1		Nov 12/2012	YC051-YD157
I				2		Nov 12/2012	YD158-YR328
I	FMCS INTERFACE WITH ARINC 740/744 PRINTER	34-61-24		1		Nov 12/2012	YC051-YD157
I				2		Nov 12/2012	YD158-YR328
	FMC/CMU INTERFACE	34-61-25		1		Oct 27/2011	YD158-YD170
				2		Feb 01/2010	YL951-YN260
I	CDU/MCDU/DATA LOADER INTERFACE	34-61-26		1		Nov 12/2012	YC059-YR328

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34-21-16	ADIRS - NO COOLING AND "ON DC" OPERATION WARNING
34-21-14	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT ADR OUTPUTS
34-21-11	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT CONTROL & WARNING
34-21-13	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT IR OUTPUTS
34-21-12	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT SYSTEM INPUTS
34-21-24	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT ADR OUTPUTS
34-21-21	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT CONTROL & WARNING
34-21-23	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT IR OUTPUTS
34-21-22	AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT SYSTEM INPUTS
34-21-15	AIR DATA INERTIAL REFERENCE SYSTEM - IR SIGNAL SWITCHING
34-16-11	AIR DATA INERTIAL REFERENCE SYSTEM OVERSPEED TEST LEFT
34-16-21	AIR DATA INERTIAL REFERENCE SYSTEM OVERSPEED TEST RIGHT
34-53-31	ATC ANTENNA SELECT
34-53-11	ATC TRANSPONDER 1
34-53-21	ATC TRANSPONDER 2
34-61-23	CDU/MCDU INTERFACE
34-61-26	CDU/MCDU/DATA LOADER INTERFACE
34-55-11	DME NO. 1
34-55-21	DME NO. 2
34-61-25	FMC/CMU INTERFACE
34-61-17	FMCS ANALOG DISCRETES
34-61-13	FMCS ARINC 429 INPUTS
34-61-22	FMCS BITE PRINTER AND PORTABLE CDU RECEPTACLES
34-61-14	FMCS GENERAL OUTPUT BUSES FMC-01 AND FMC-02
34-61-24	FMCS INTERFACE WITH ARINC 740/744 PRINTER
34-61-16	FMCS MESSAGE AND FAIL STATUS

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34-61-11	FMCS POWER AND DISPLAY
34-61-19	FMCS PROGRAM PINS
34-61-12	FMCS SWITCHING AND INTER-SYSTEM BUS
34-61-18	FMCS/DATA LOADER INTERFACE
34-61-21	FMCS/MCDU INTERFACE WITH ACARS
34-58-11	GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.1
34-58-21	GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.2
34-49-11	GROUND PROXIMITY WARNING
34-24-15	INTEGRATED STANDBY FLIGHT DISPLAY SYSTEM
34-32-11	MARKER BEACON
34-31-11	MMR - ILS NO. 1
34-31-21	MMR - ILS NO. 2
34-33-11	RADIO ALTIMETER SYSTEM -1
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34-22-11	RMI BEARING AND HEADING
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34-45-11	TCAS POWER AND DISPLAY
34-51-11	VOR NO. 1
34-51-21	VOR NO. 2
34-51-41	VOR/ILS INSTRUMENT TRANSFER SWITCHING
34-41-11	WEATHER RADAR

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ALL

AIR DATA INERTIAL  
REFERENCE SYSTEM  
OVERSPEED TEST LEFT

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ALL

AIR DATA INERTIAL  
REFERENCE SYSTEM  
OVERSPEED TEST RIGHT

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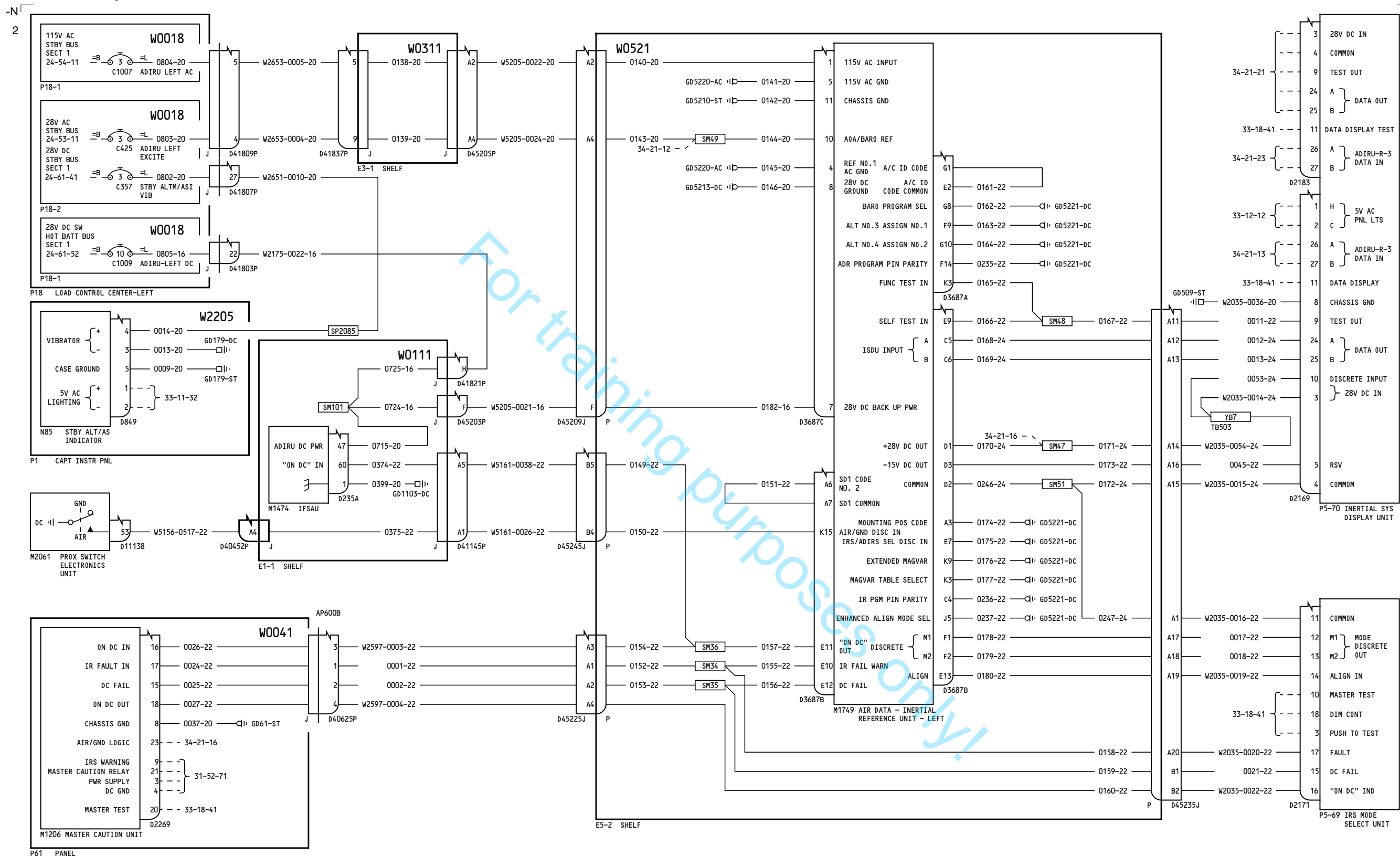
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YC051-YD153

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT CONTROL & WARNING**

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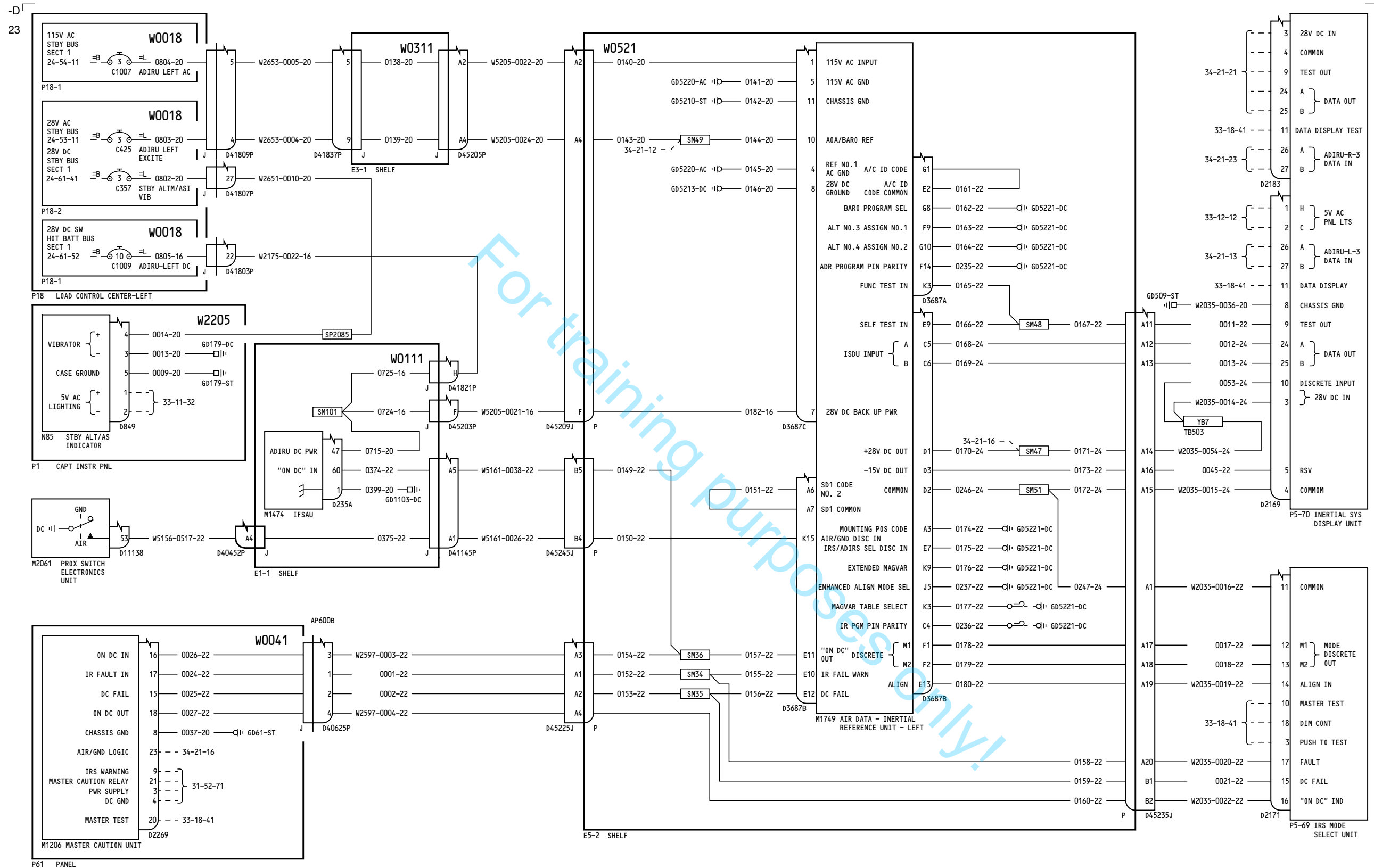
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YD154-YD157

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT CONTROL & WARNING**

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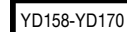
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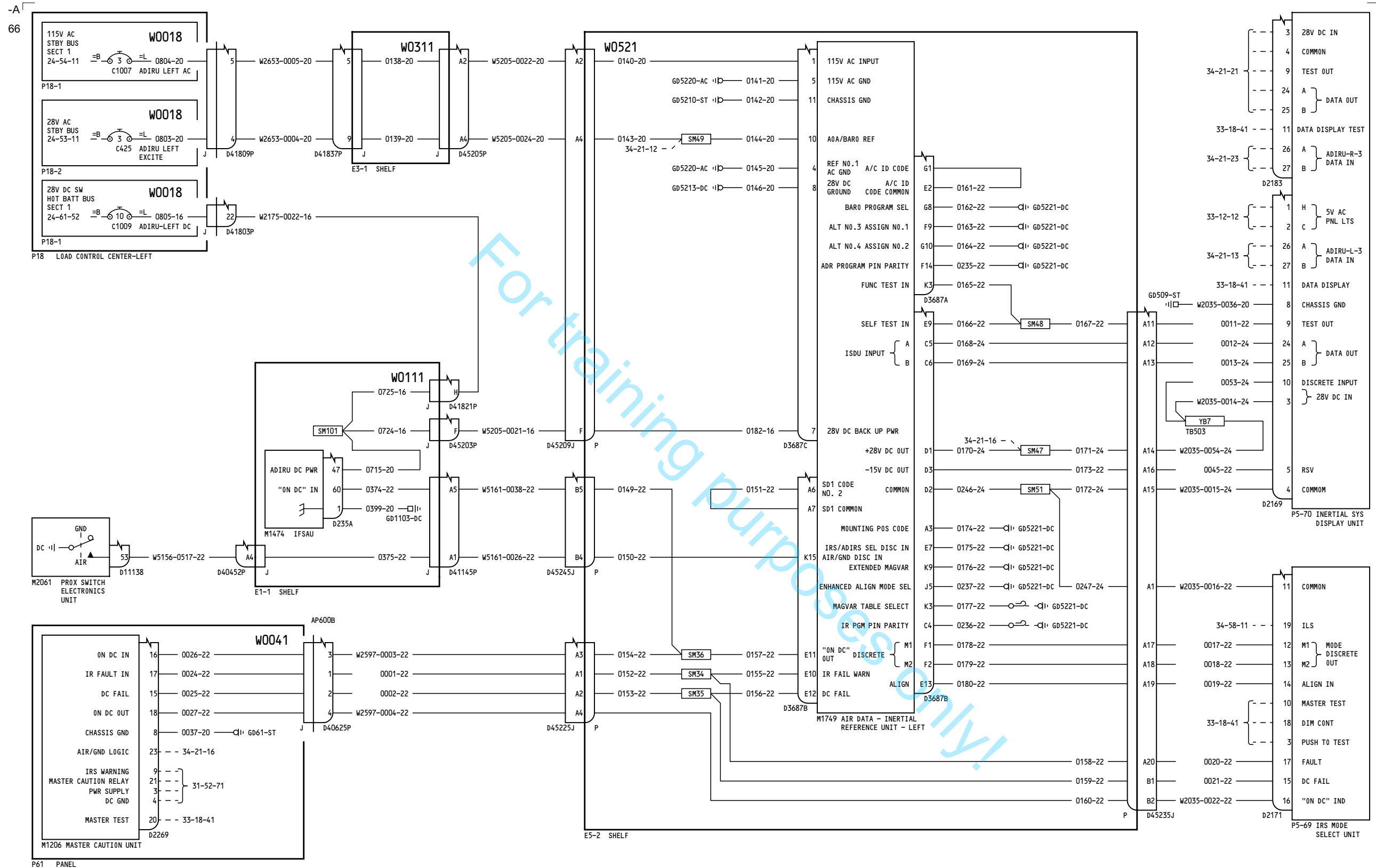
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**34-21-11**

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YL951-YL999, YR301-YR328

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT CONTROL & WARNING**

D280A108

**34-21-11**

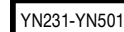
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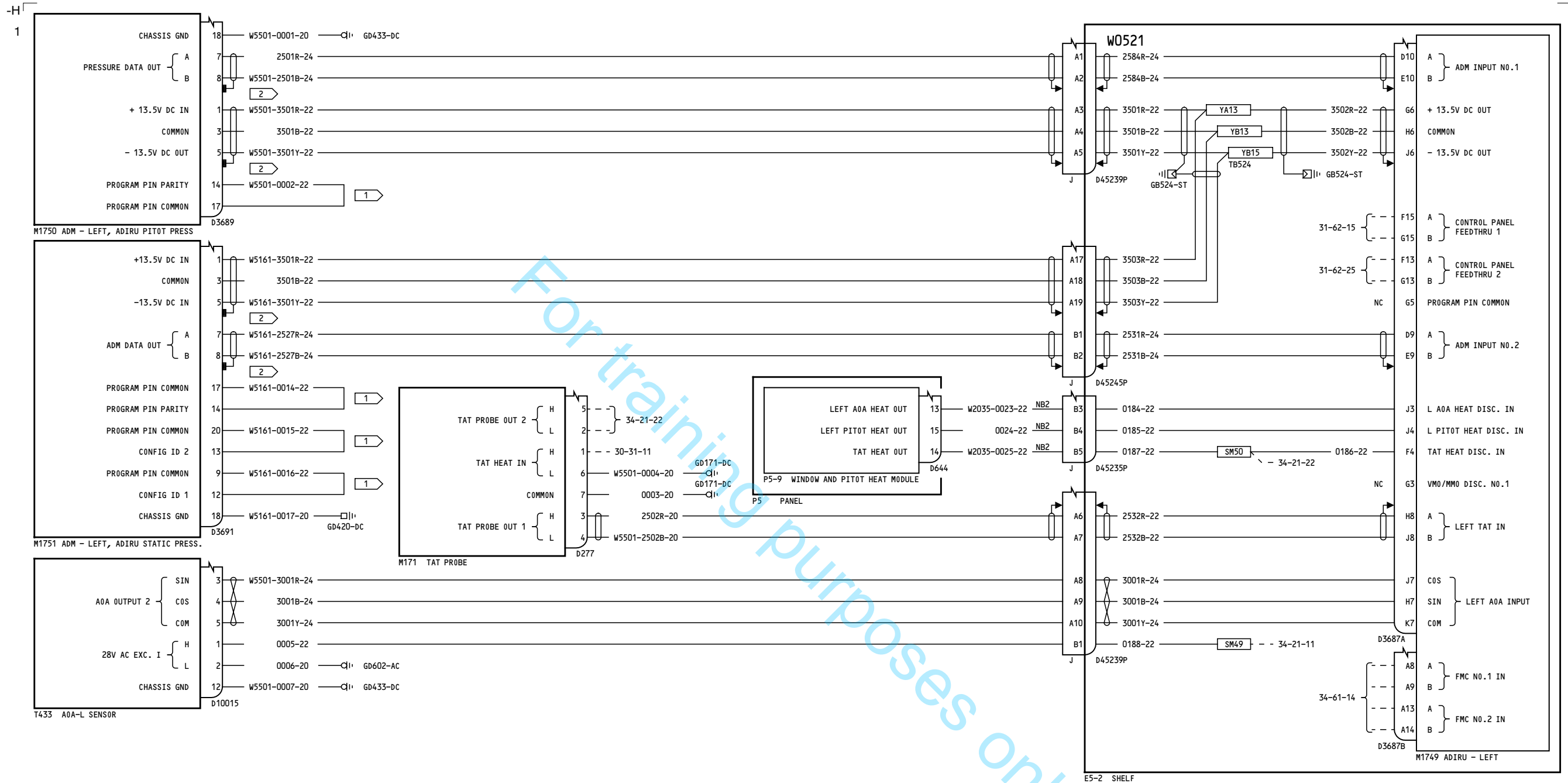
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NOTES: 1 LIMIT LOOPS TO < 3 INCH LENGTH 2 LIMIT PIG-TAILS TO < 3 INCH LENGTH

YC051-YD170

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT SYSTEM INPUTS**

D280A108

**34-21-12**

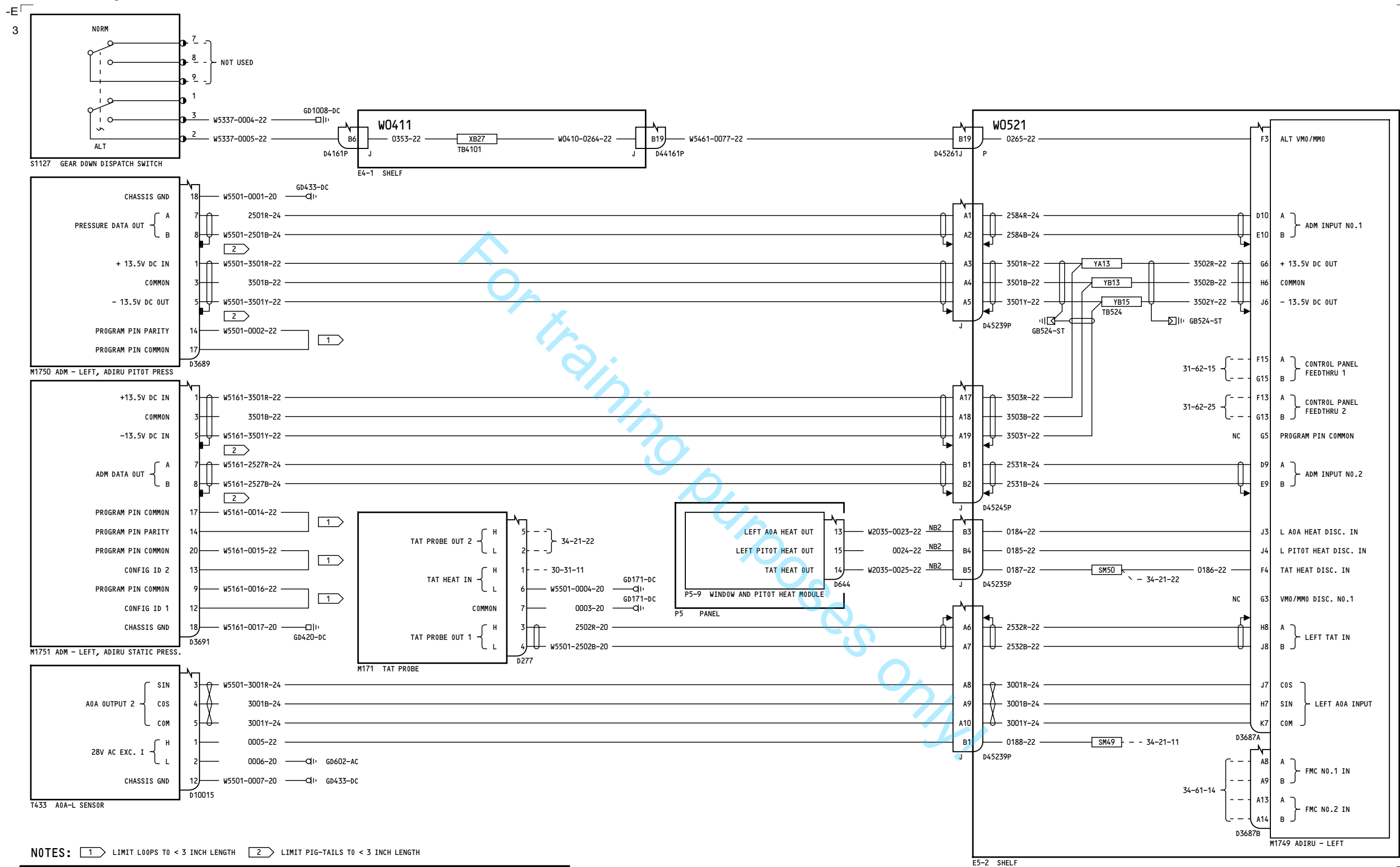
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YL951-YR328

**AIR DATA INERTIAL  
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- LEFT SYSTEM INPUTS**

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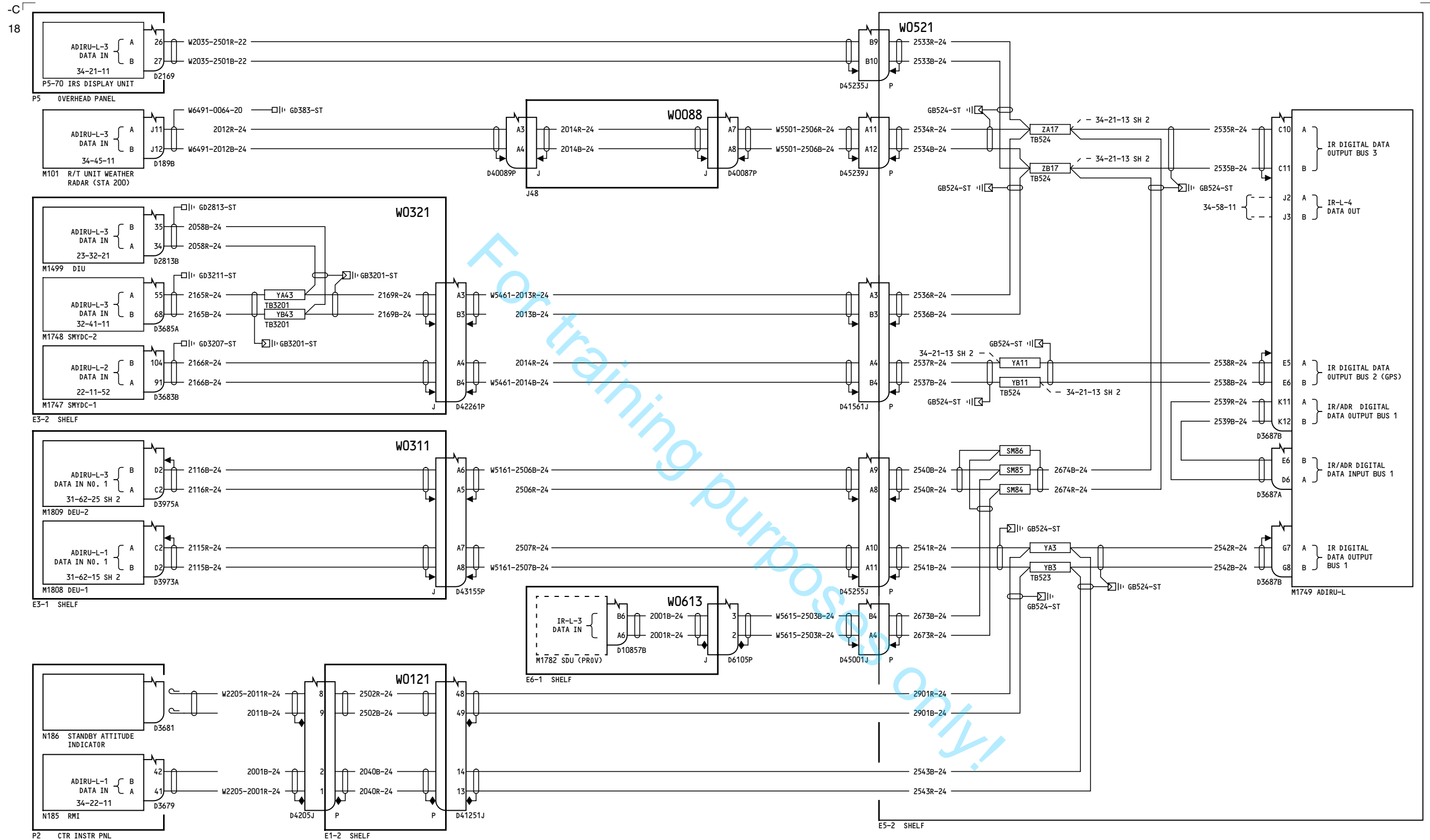
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YC051-YC052

**AIR DATA INERTIAL  
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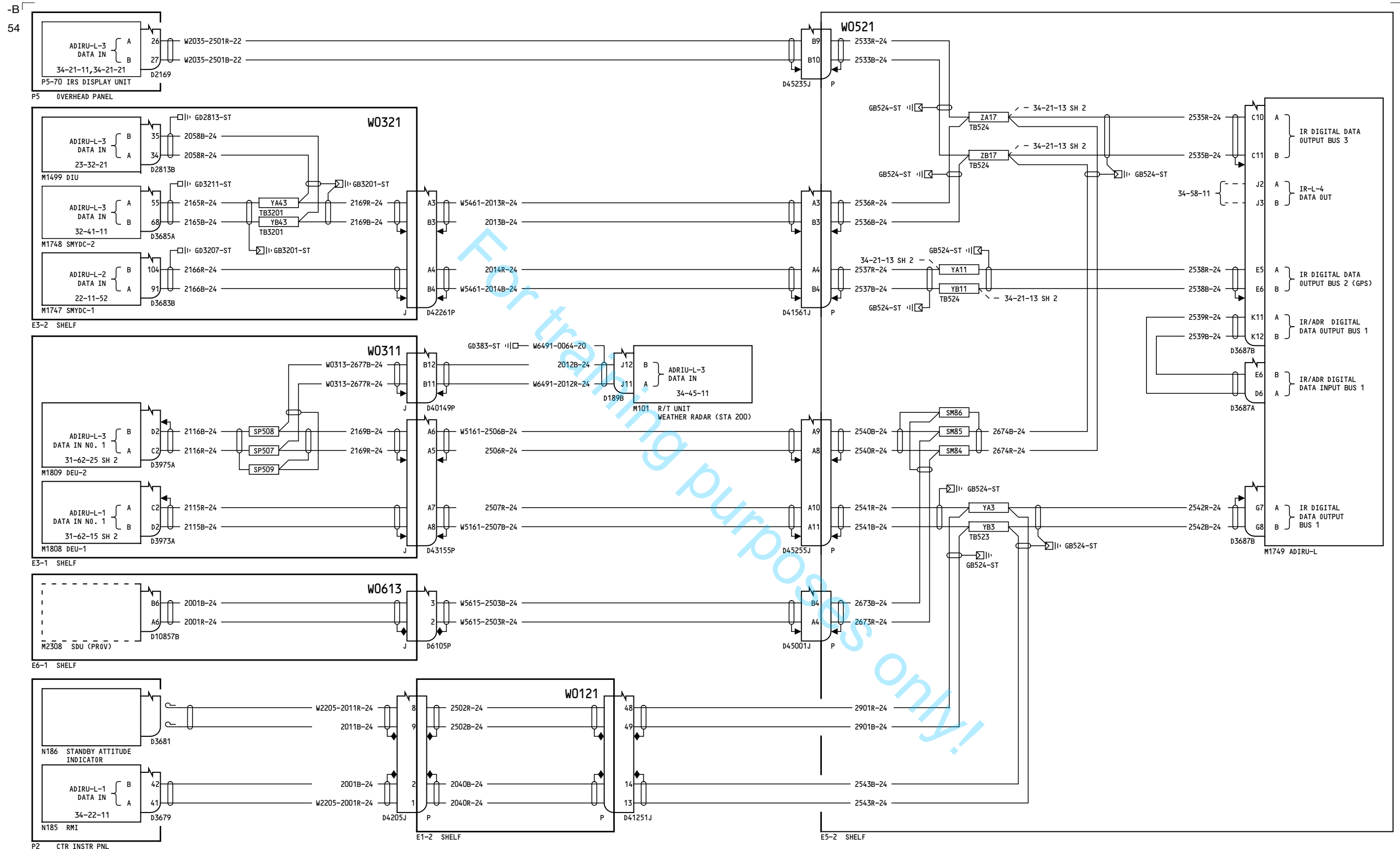
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YC053-YC058

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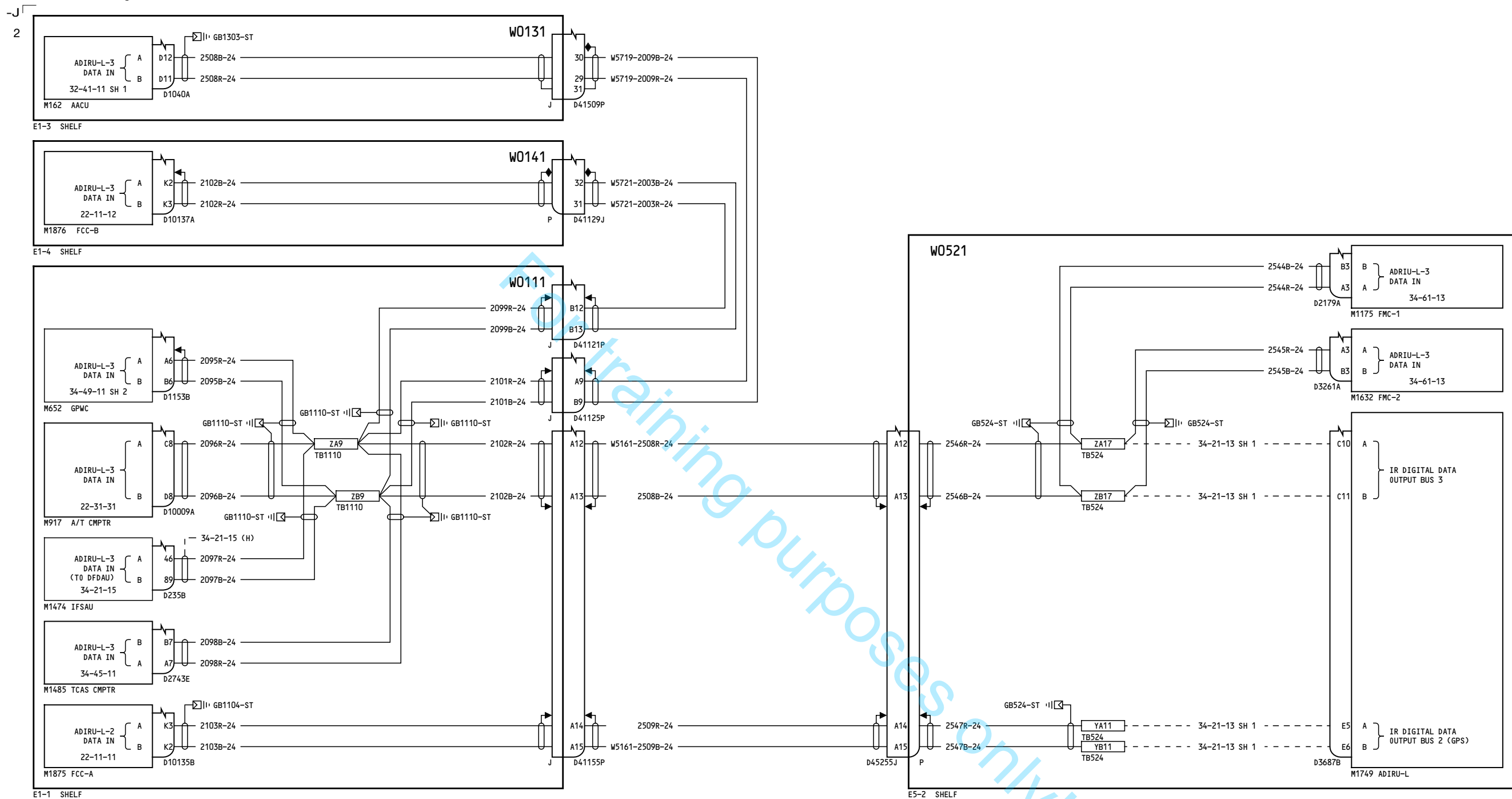
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YC053-YC058

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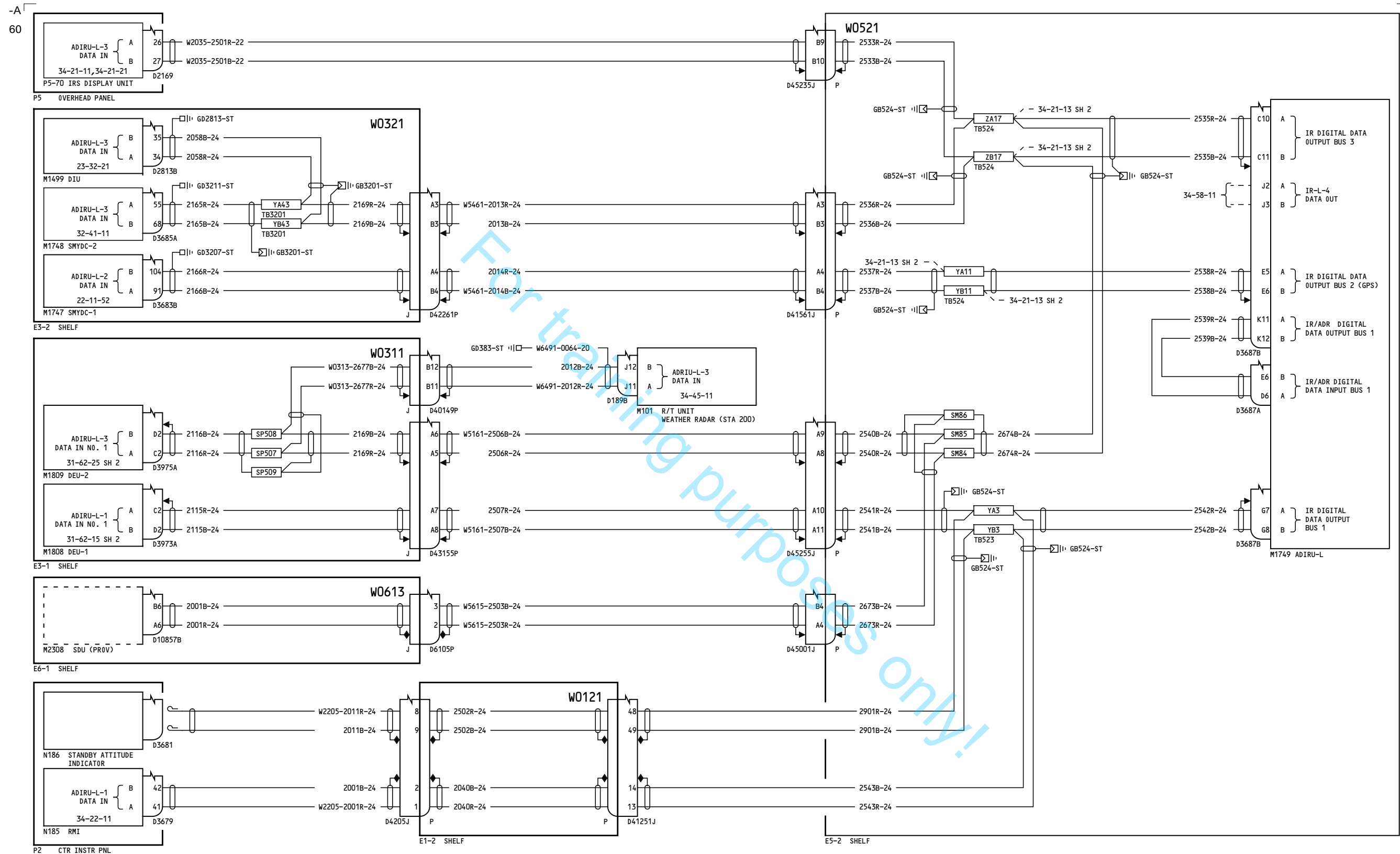
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YC059-YC064

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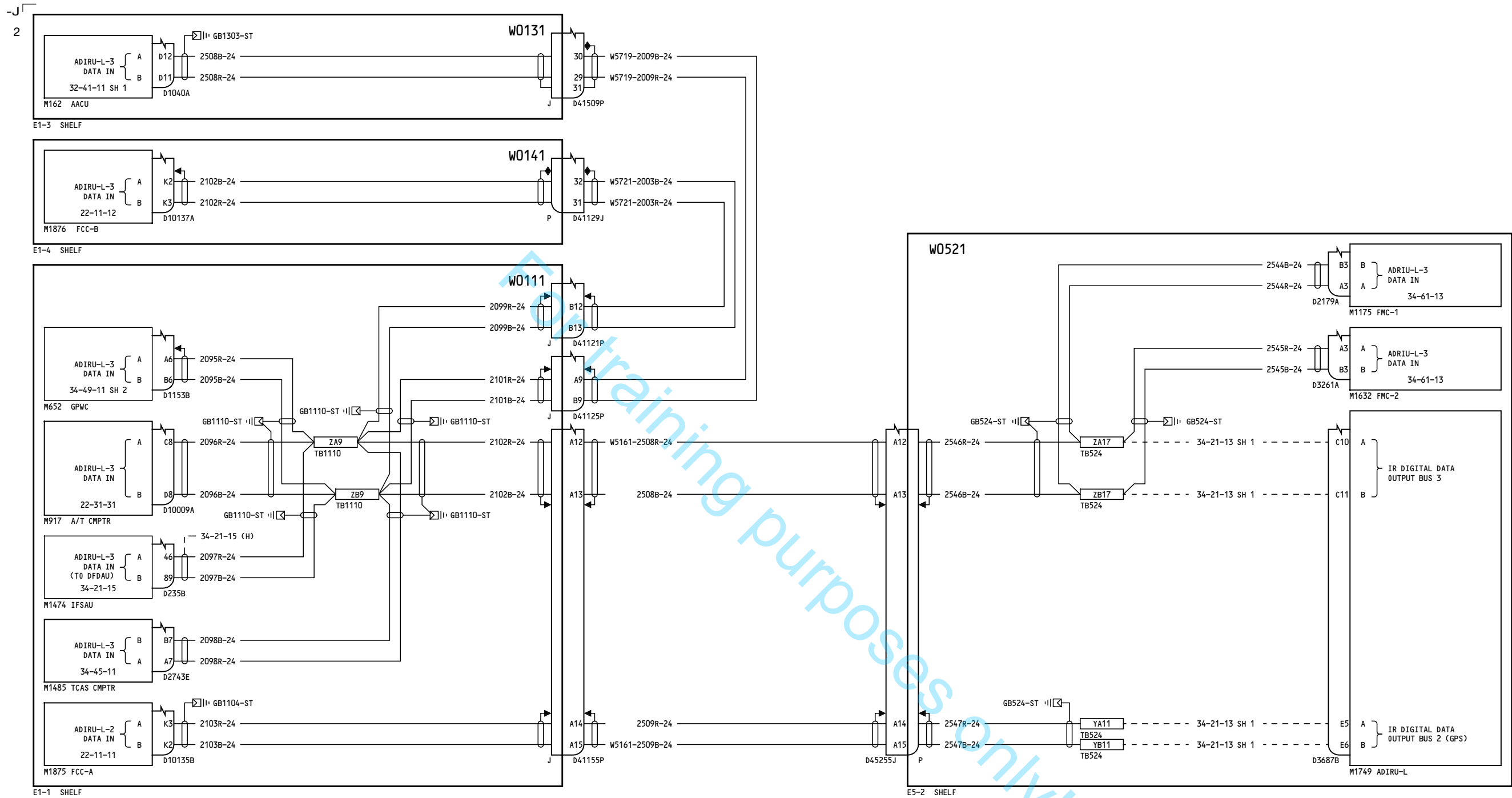
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YC059-YC064

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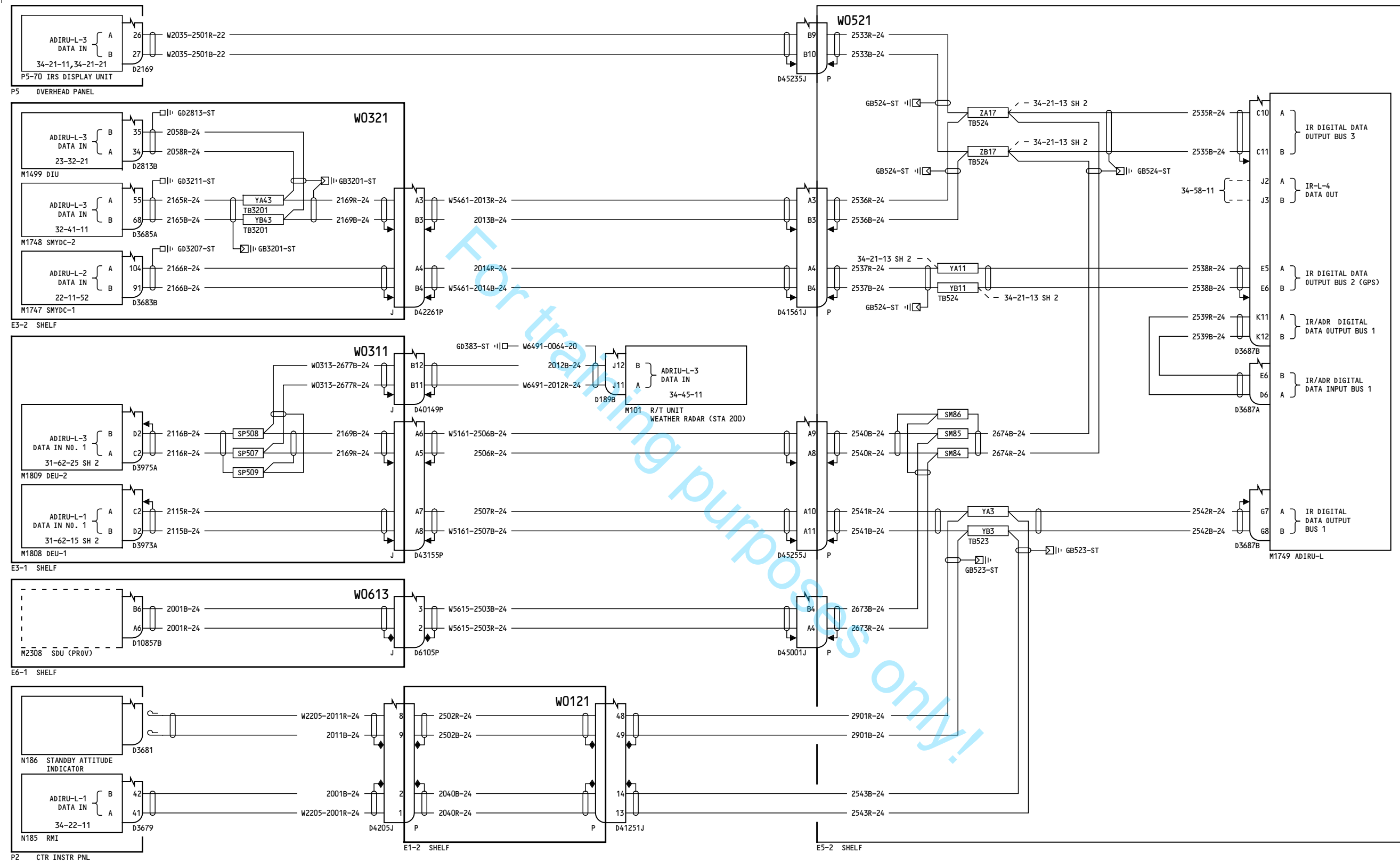
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YC065-YD155

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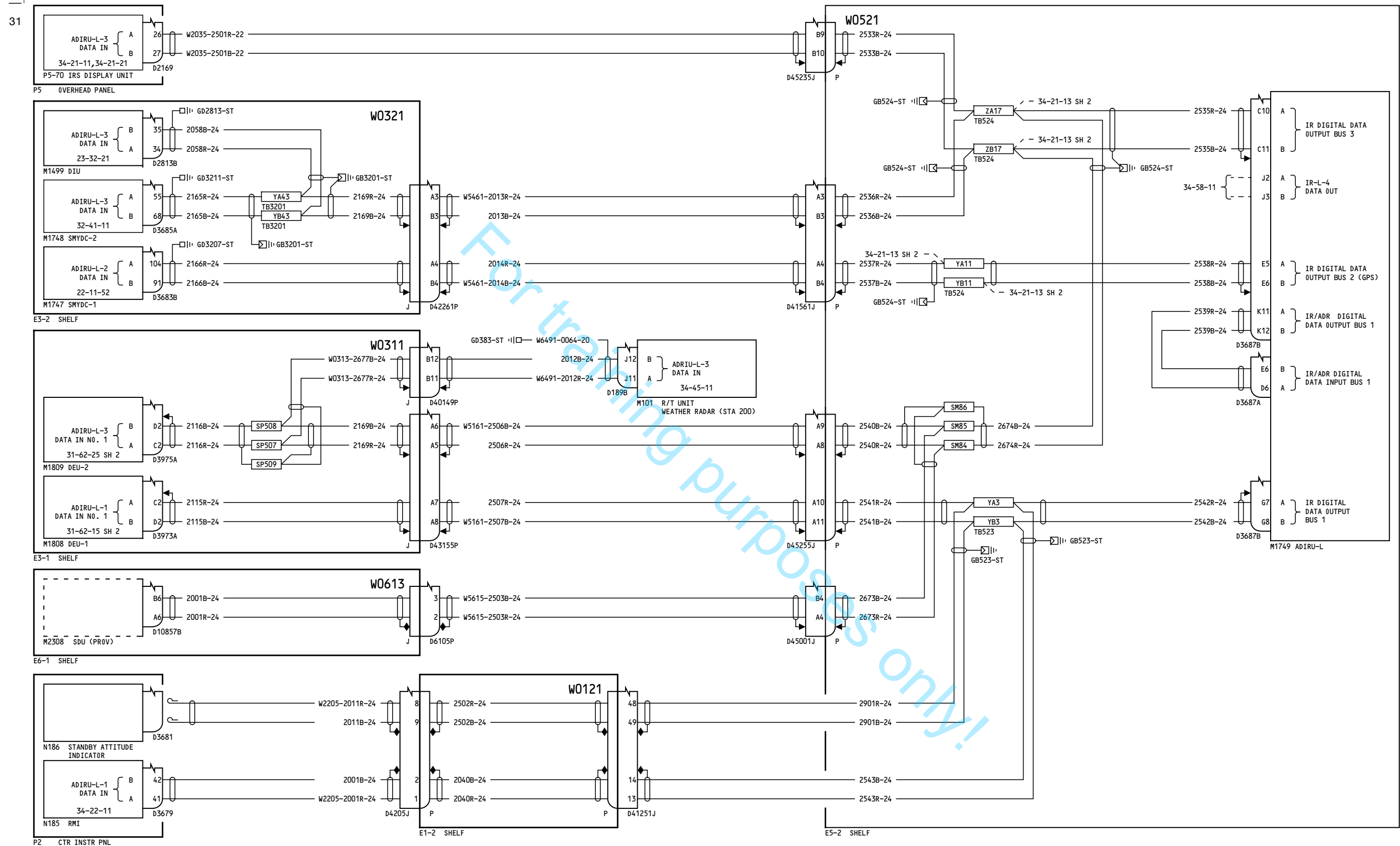
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YD157

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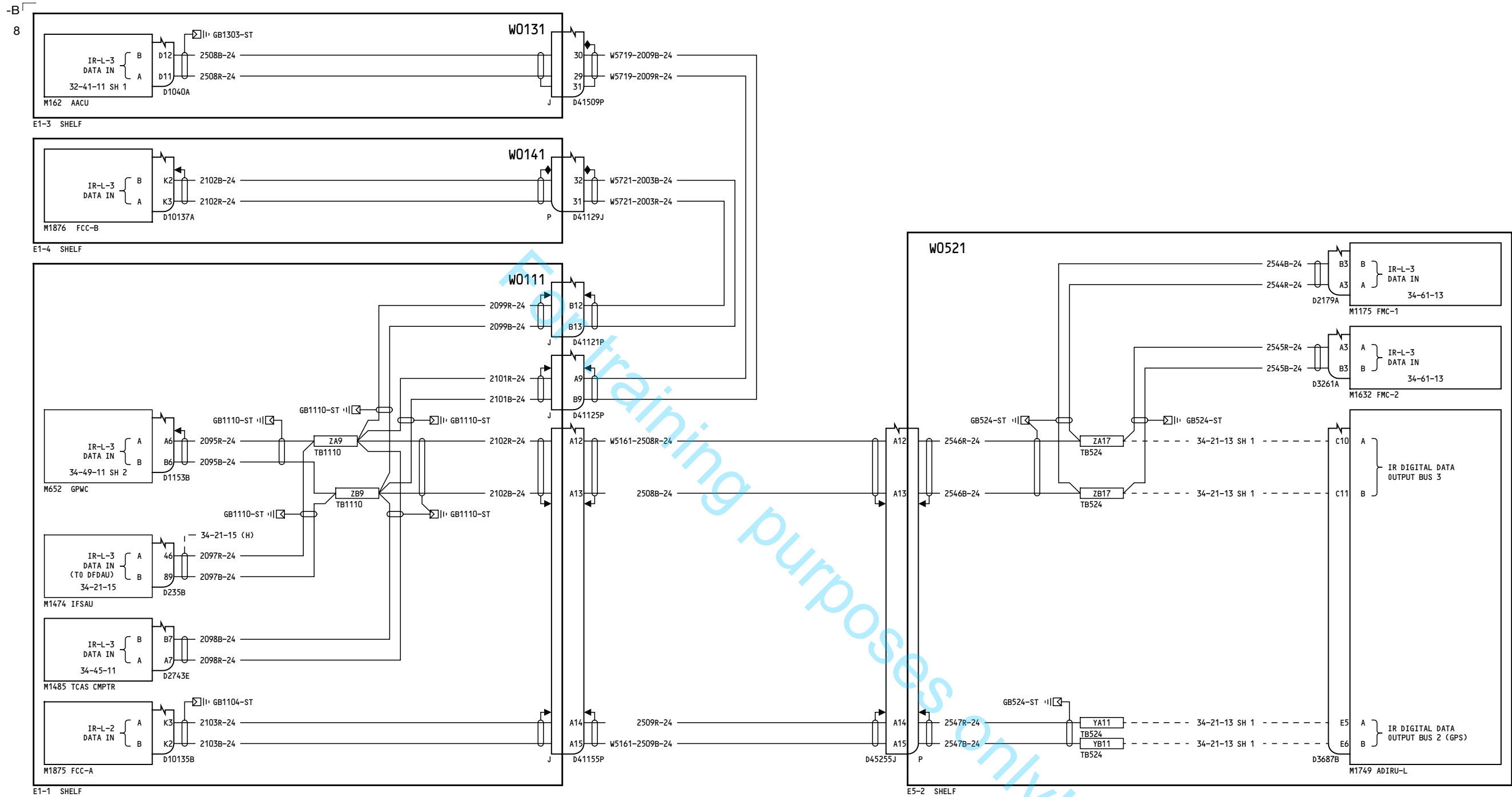
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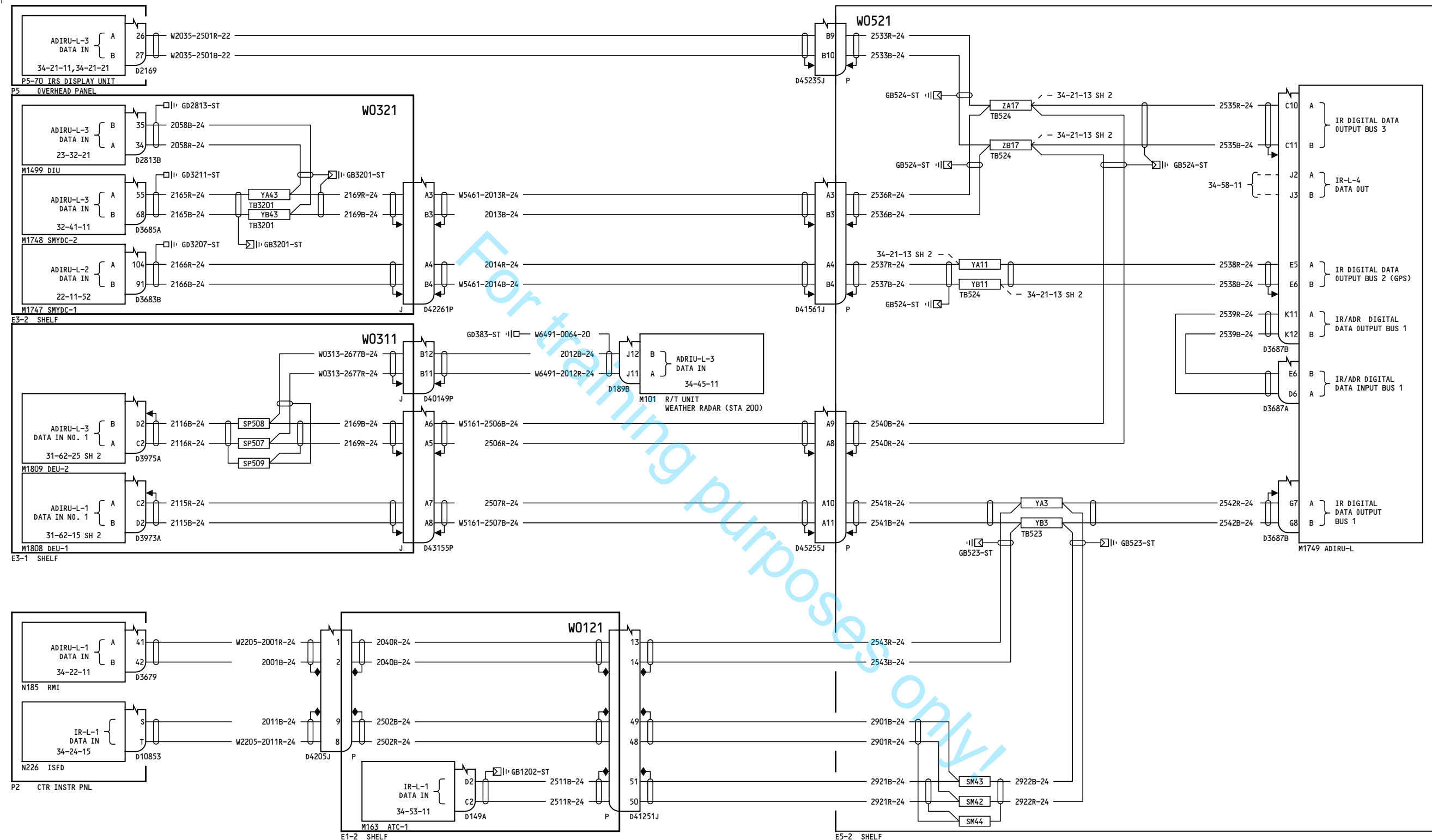
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YD158

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- LEFT IR OUTPUTS**

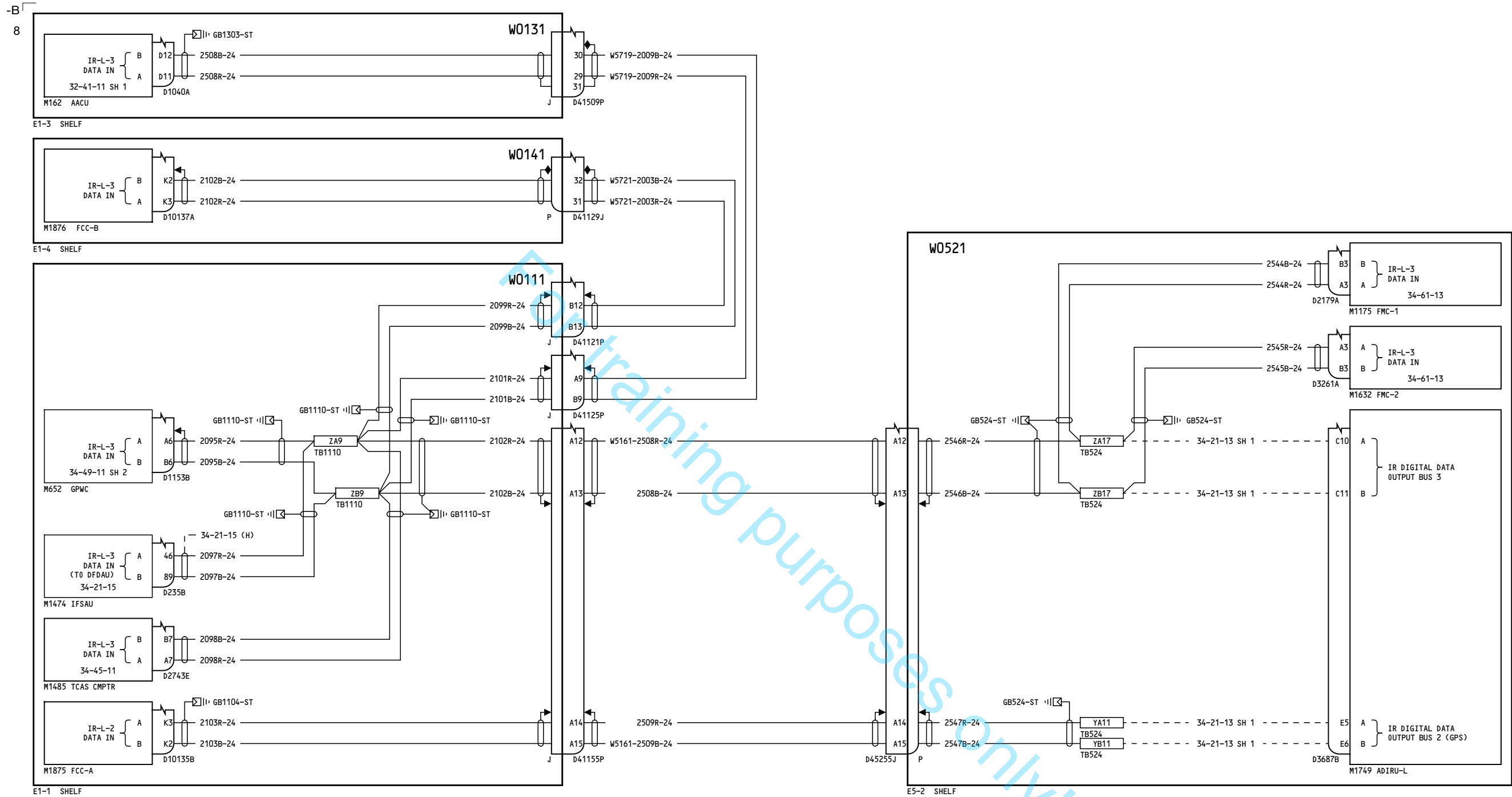
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**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT IR OUTPUTS**

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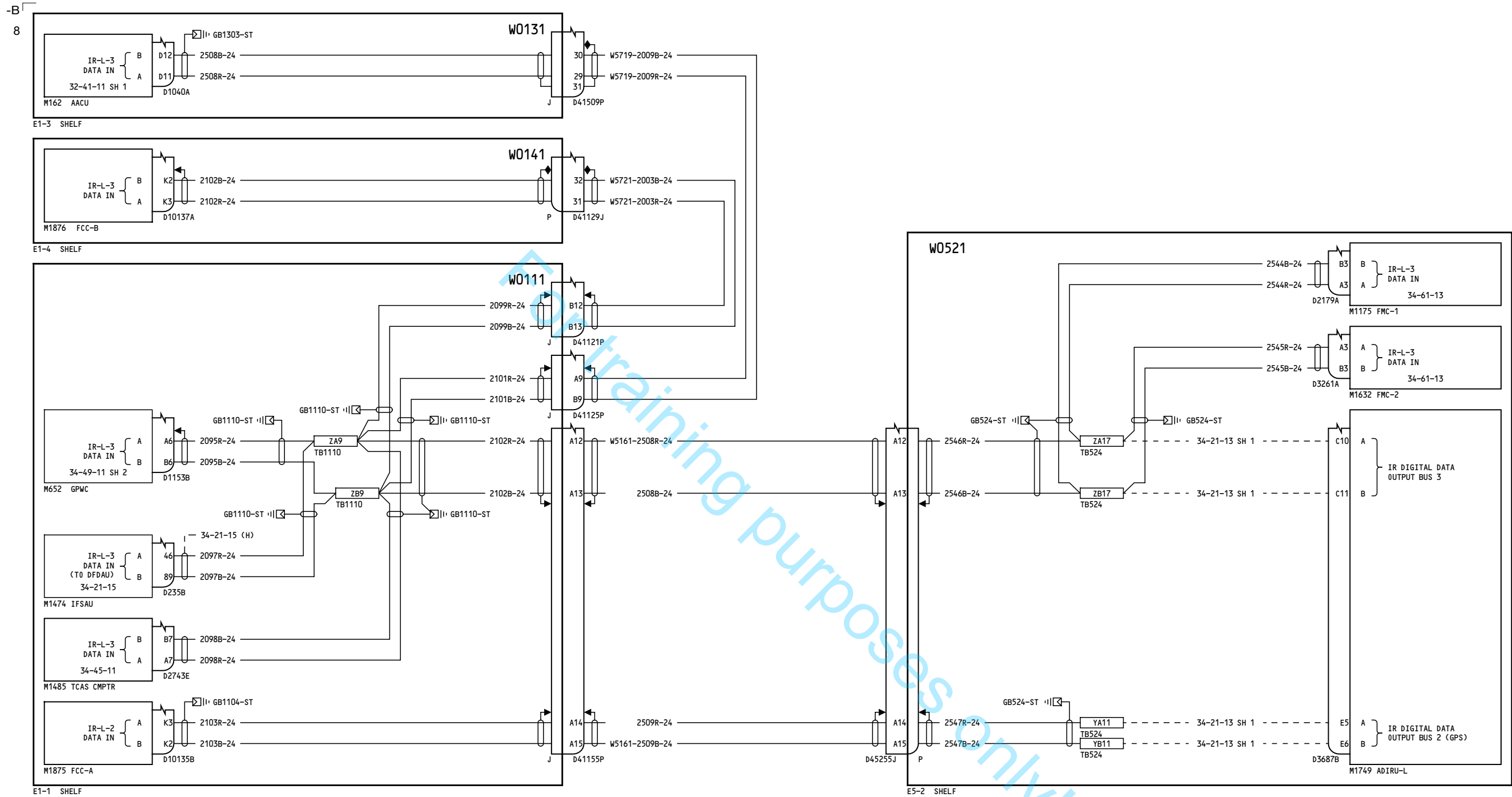
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YL951-YL953, YN231-YN235

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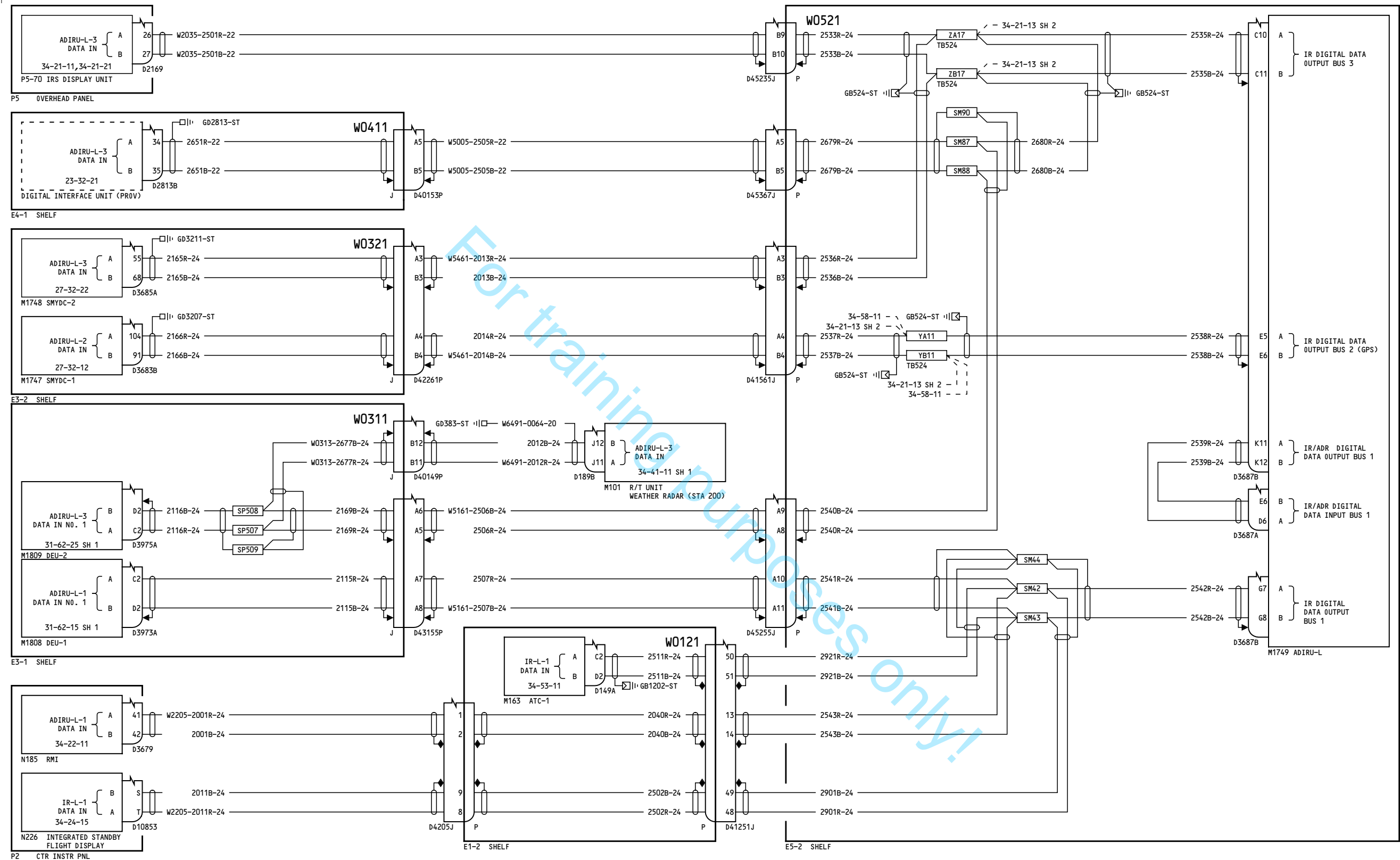
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YL954-YL999, YN236-YN260

### AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT IR OUTPUTS

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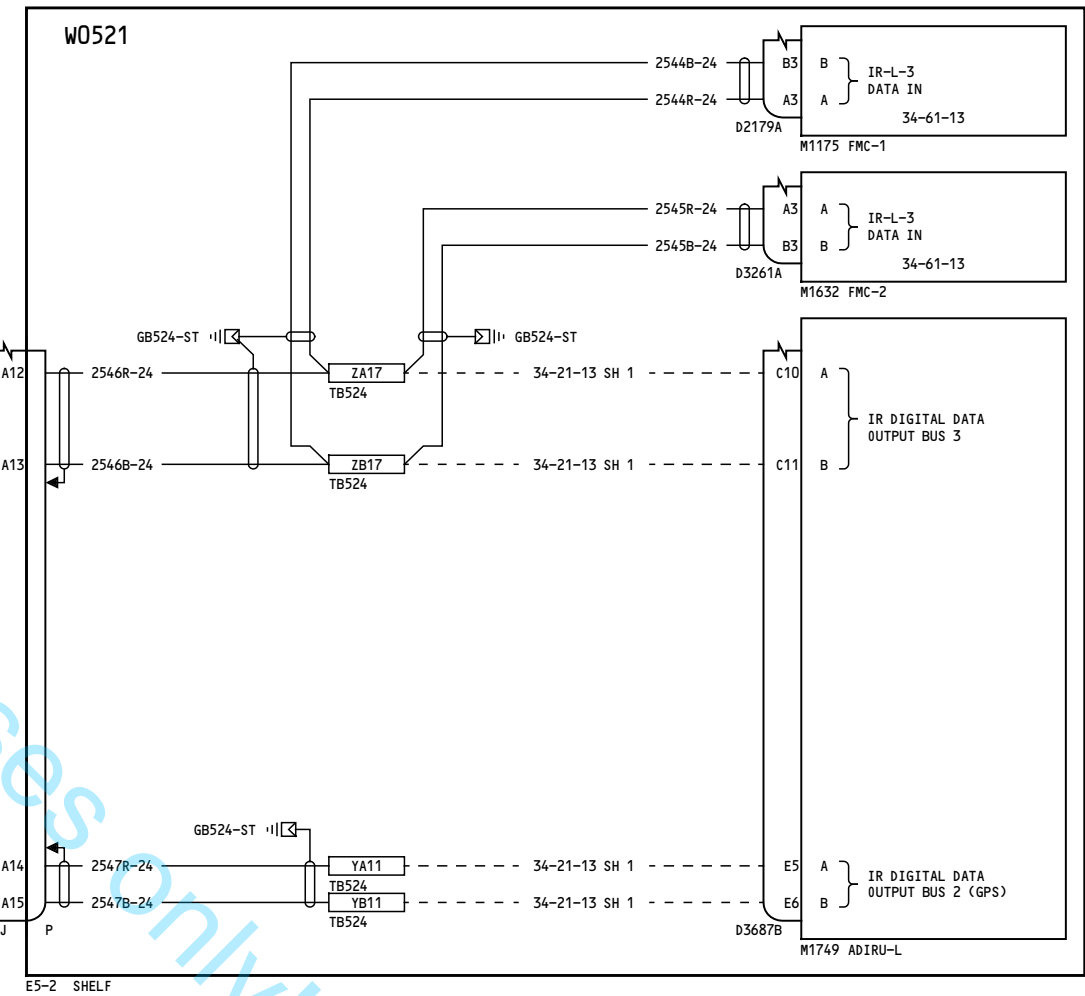
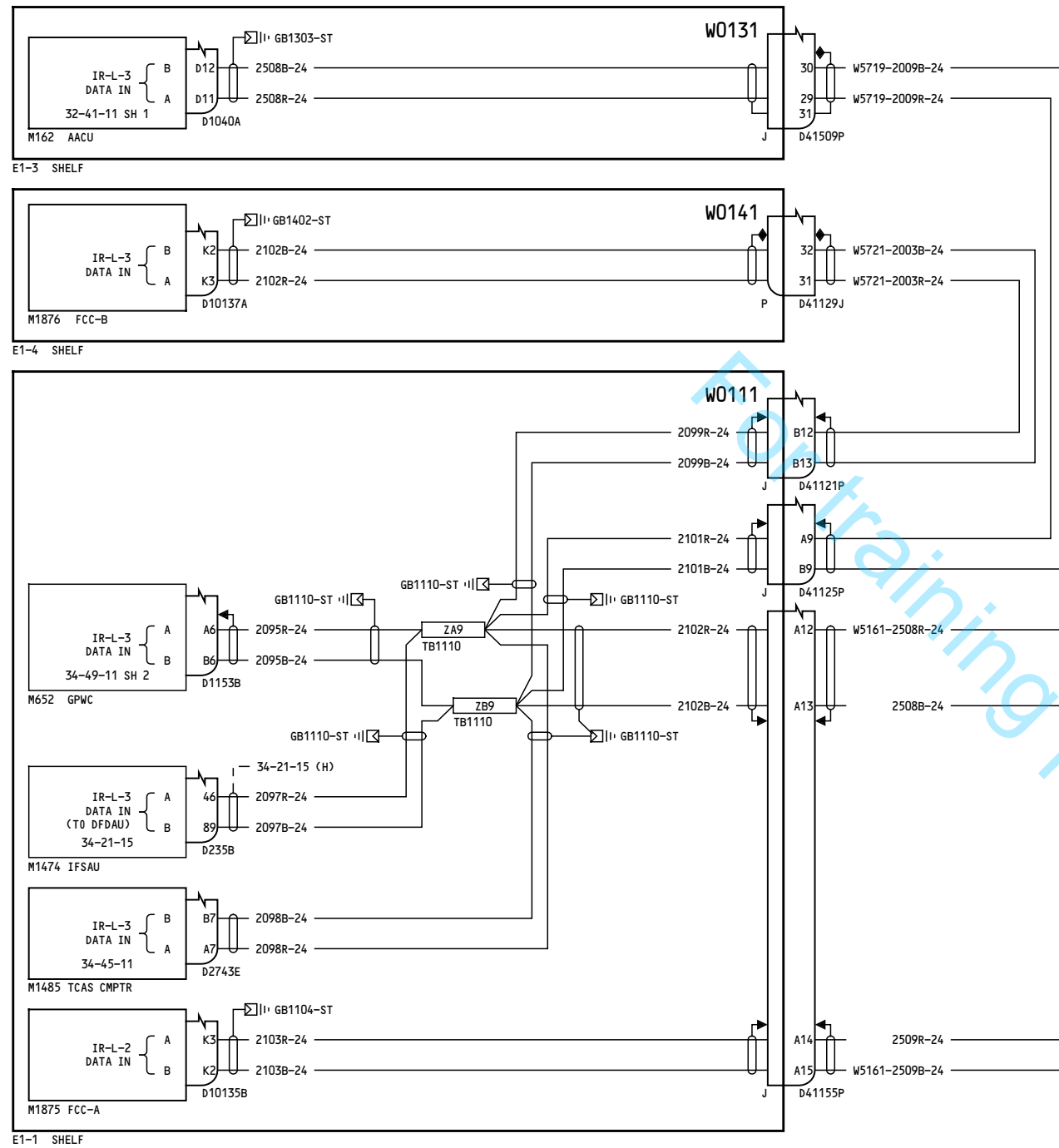
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YL954-YL999, YN236-YN260

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- LEFT IR OUTPUTS**

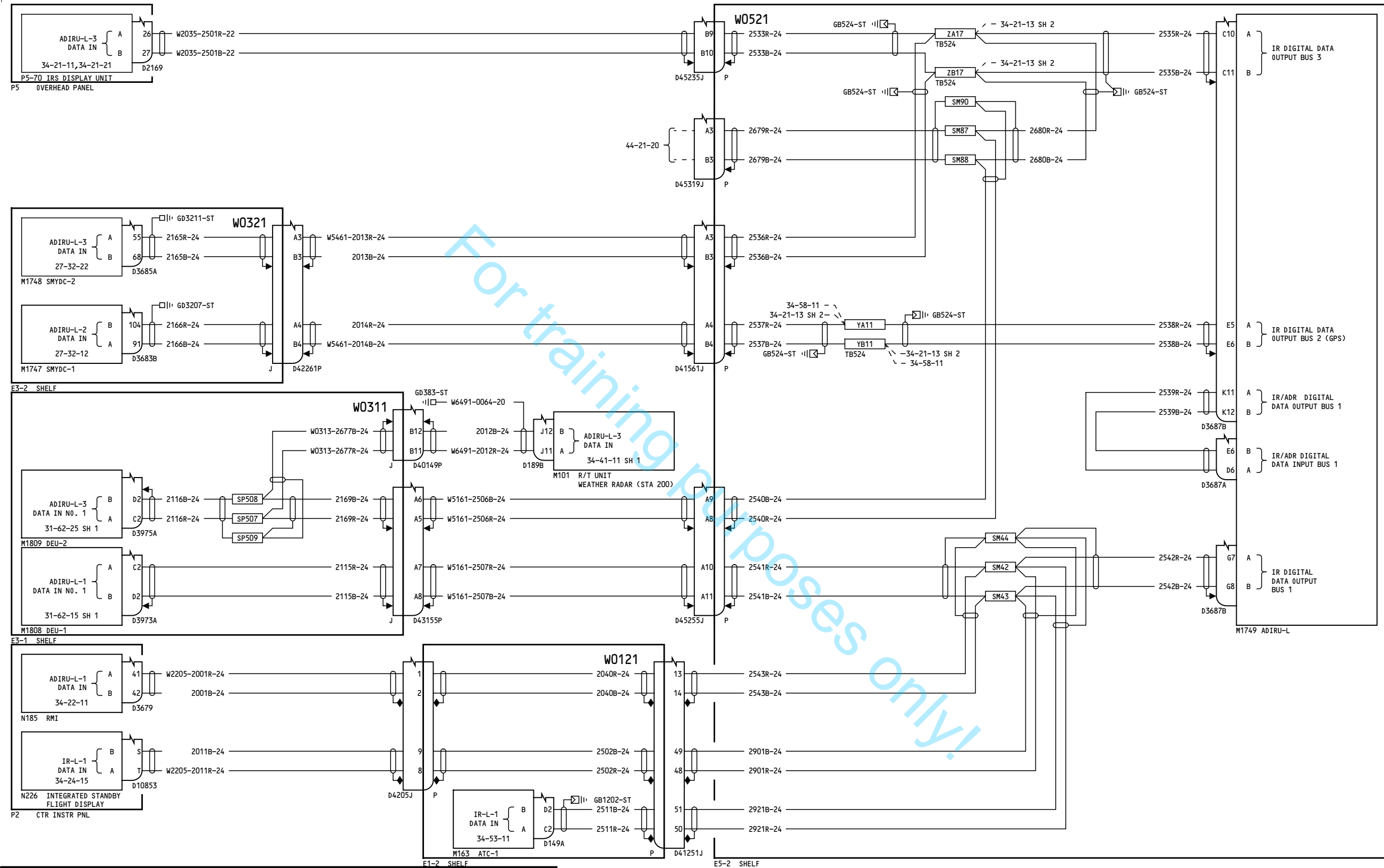
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YN501-YR328

## AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT IR OUTPUTS

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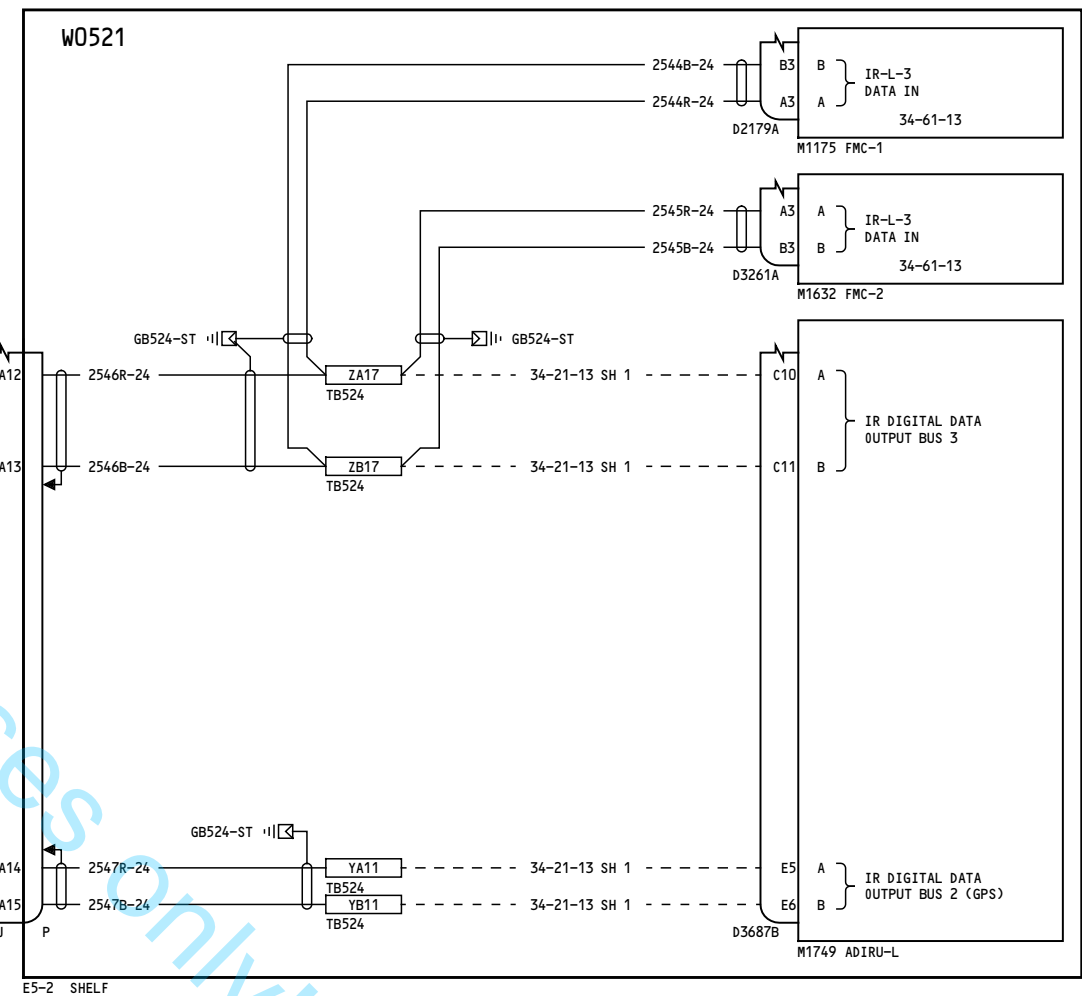
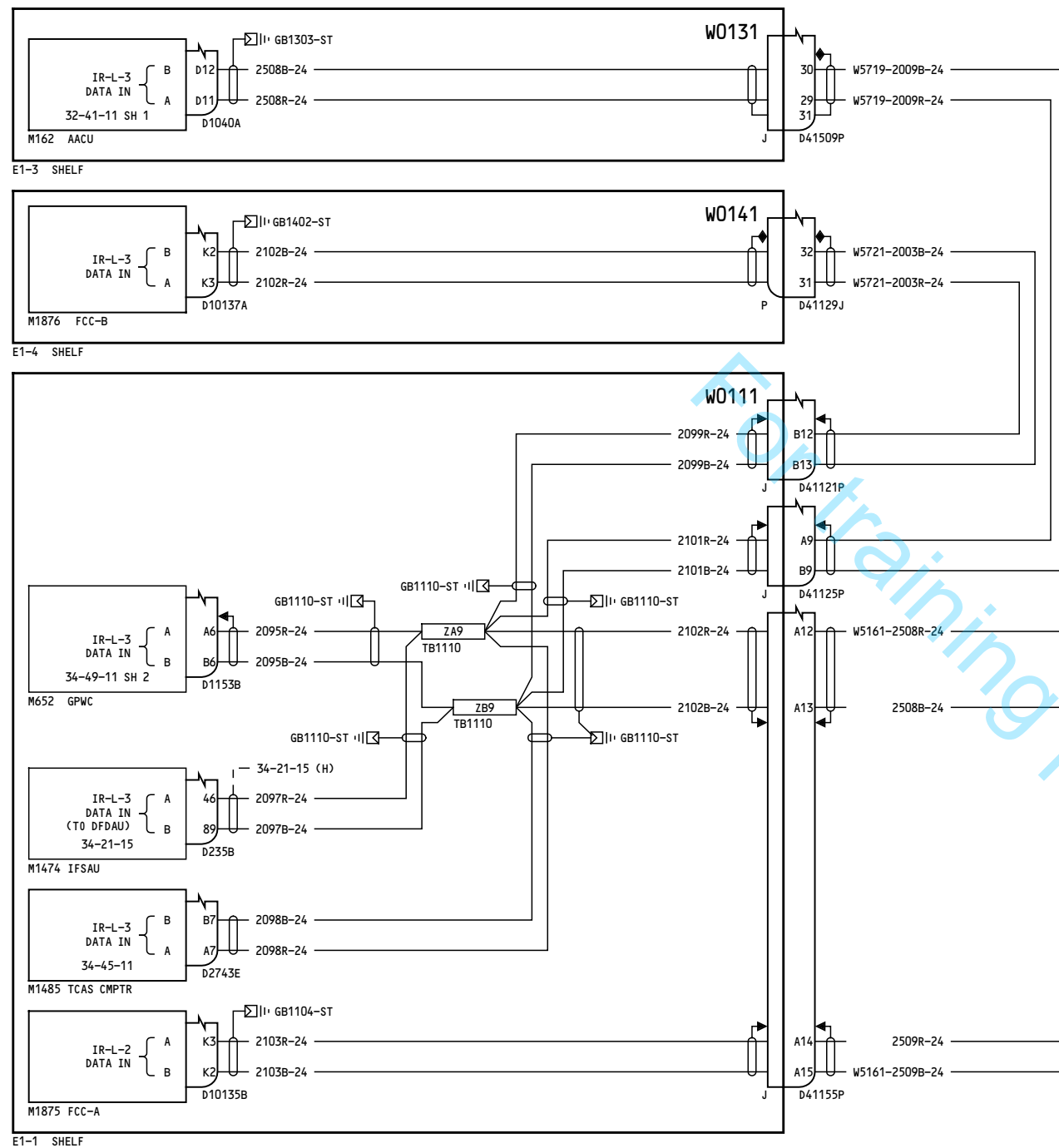
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YN501-YR328

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REFERENCE SYSTEM (ADIRS)  
- LEFT IR OUTPUTS**

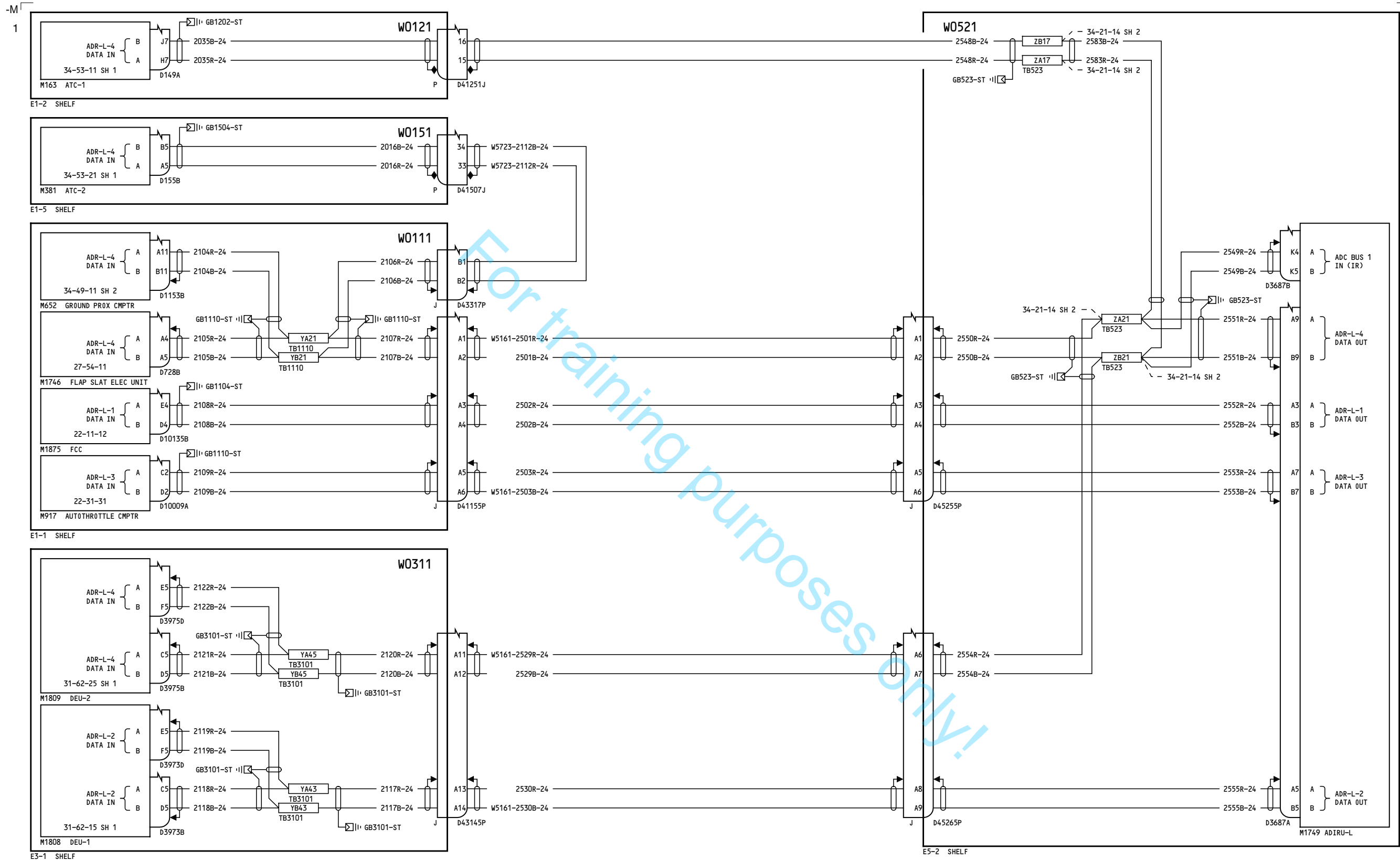
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YC051-YC052

**AIR DATA INERTIAL  
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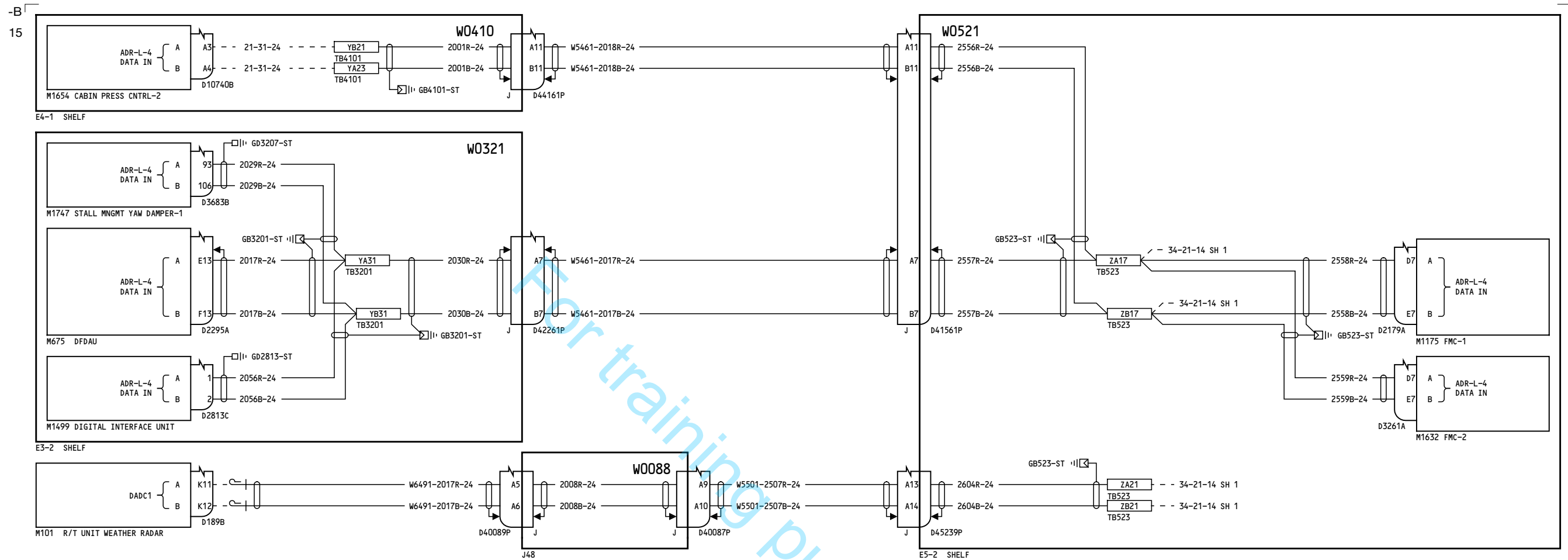
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YC051-YC052

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- LEFT ADR OUTPUTS**

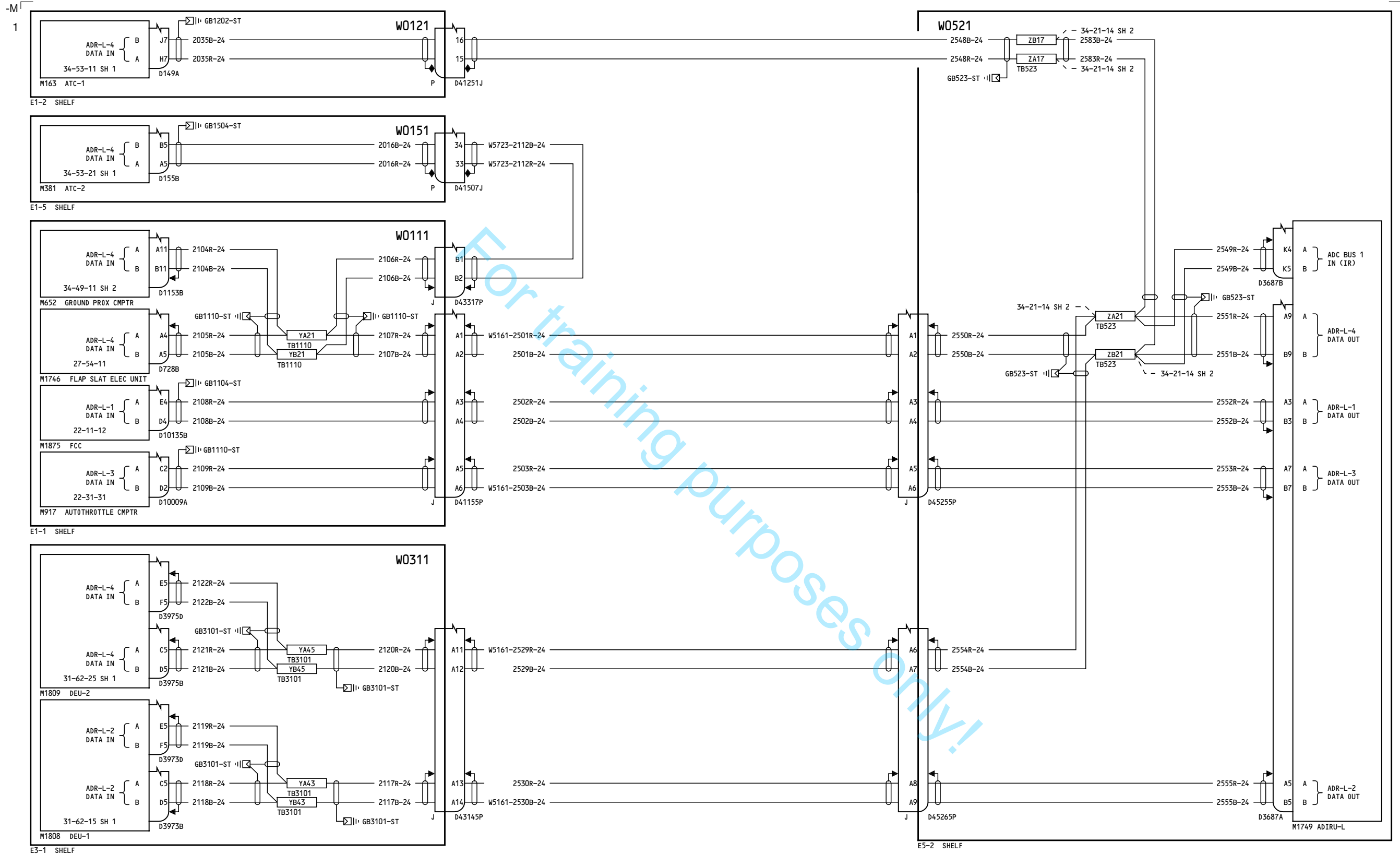
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YC053-YD155

**AIR DATA INERTIAL  
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- LEFT ADR OUTPUTS**

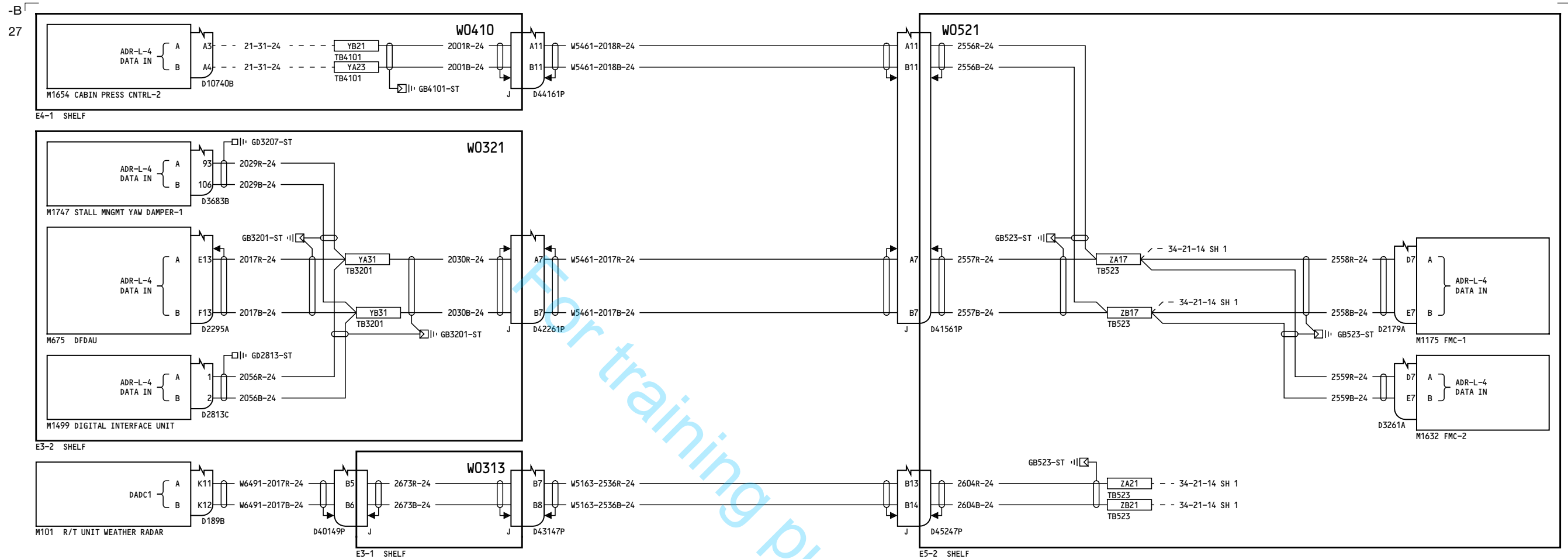
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YC053-YD155

**AIR DATA INERTIAL  
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- LEFT ADR OUTPUTS**

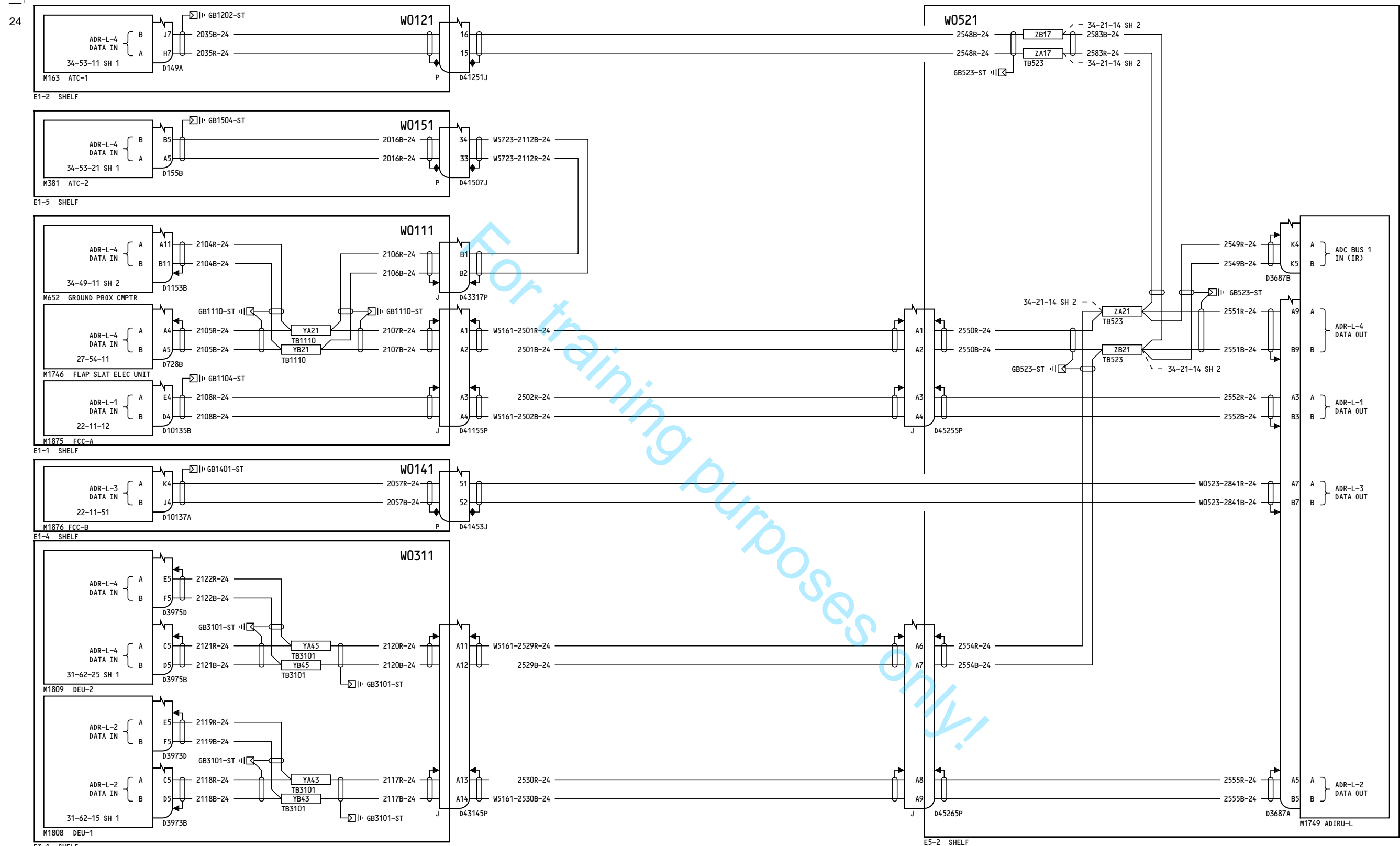
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**AIR DATA INERTIAL  
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- LEFT ADR OUTPUTS**

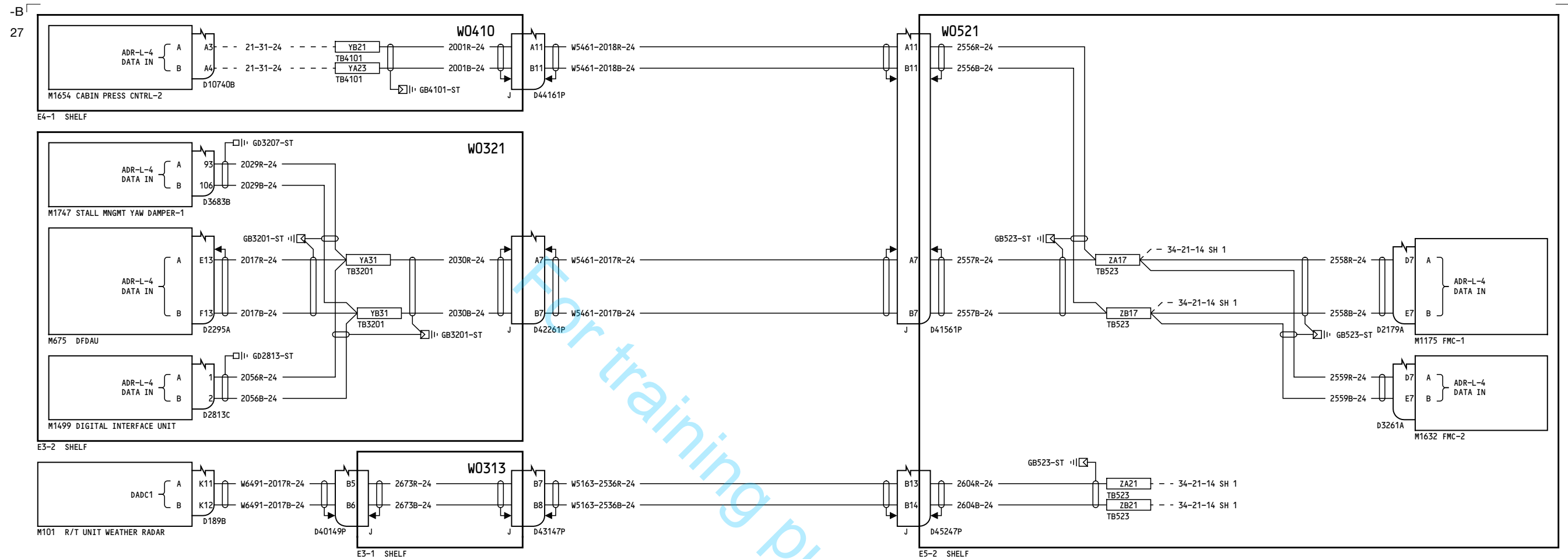
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**AIR DATA INERTIAL  
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- LEFT ADR OUTPUTS**

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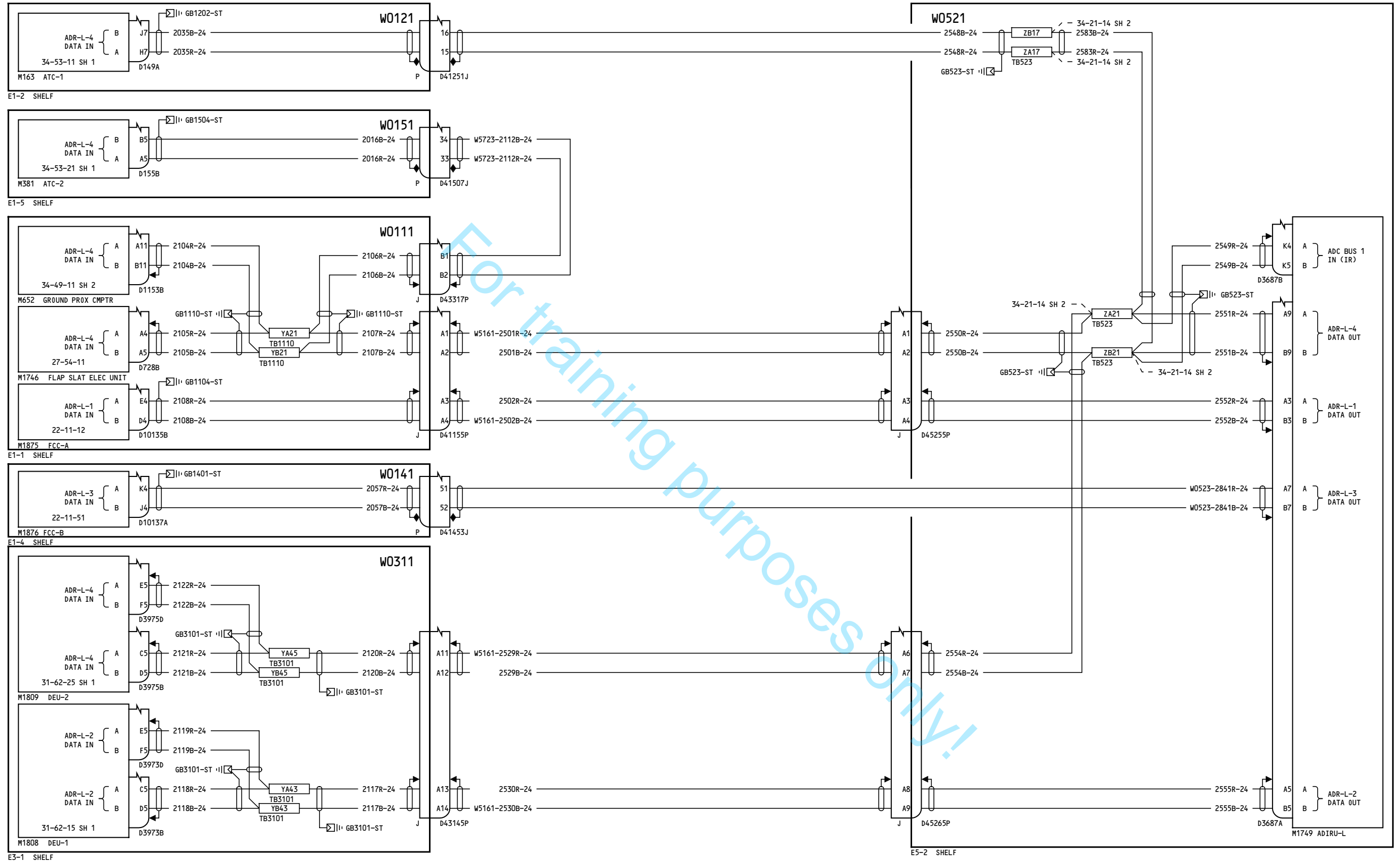
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YD158-YD170

**AIR DATA INERTIAL  
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- LEFT ADR OUTPUTS**

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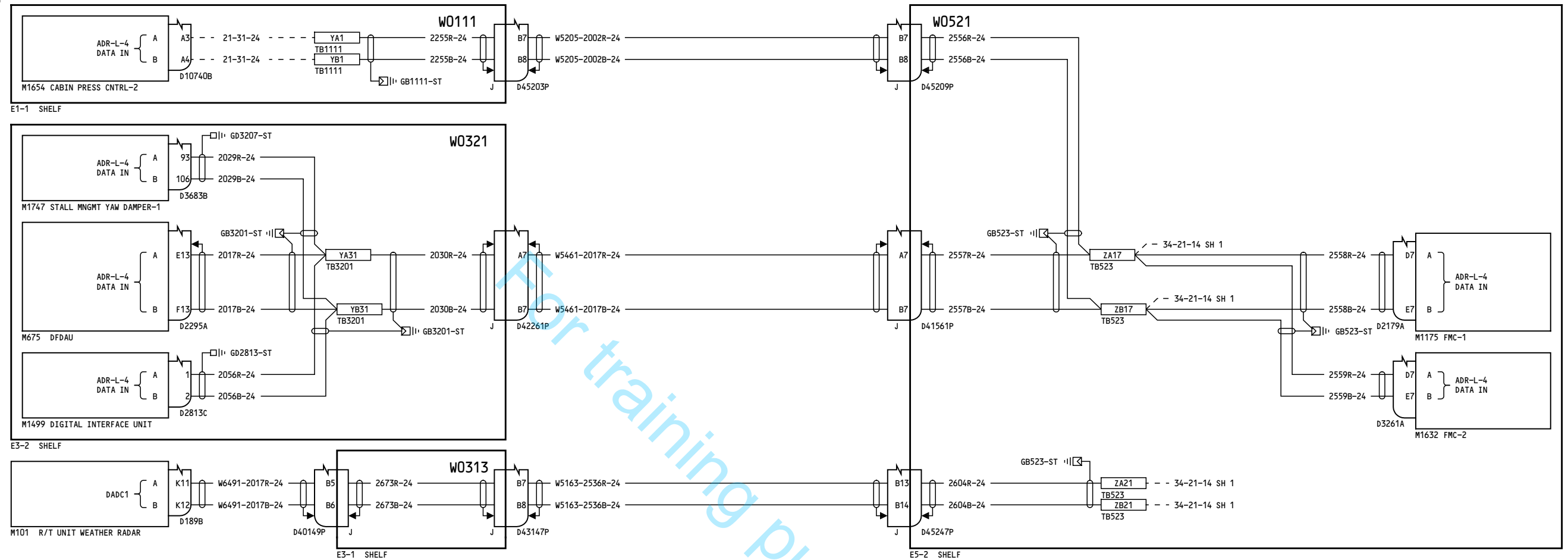
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YD158-YD170

**AIR DATA INERTIAL  
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### AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - LEFT ADR OUTPUTS

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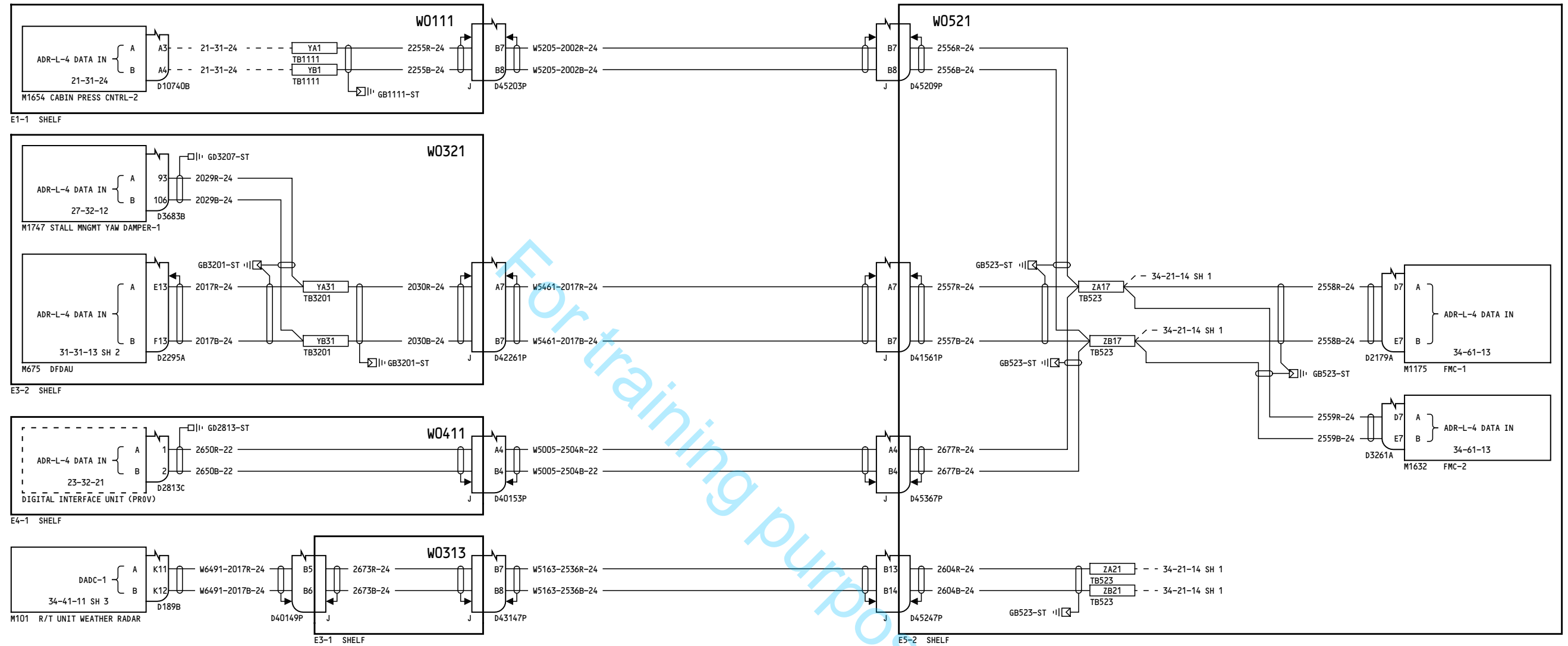
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YL951-YN260

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
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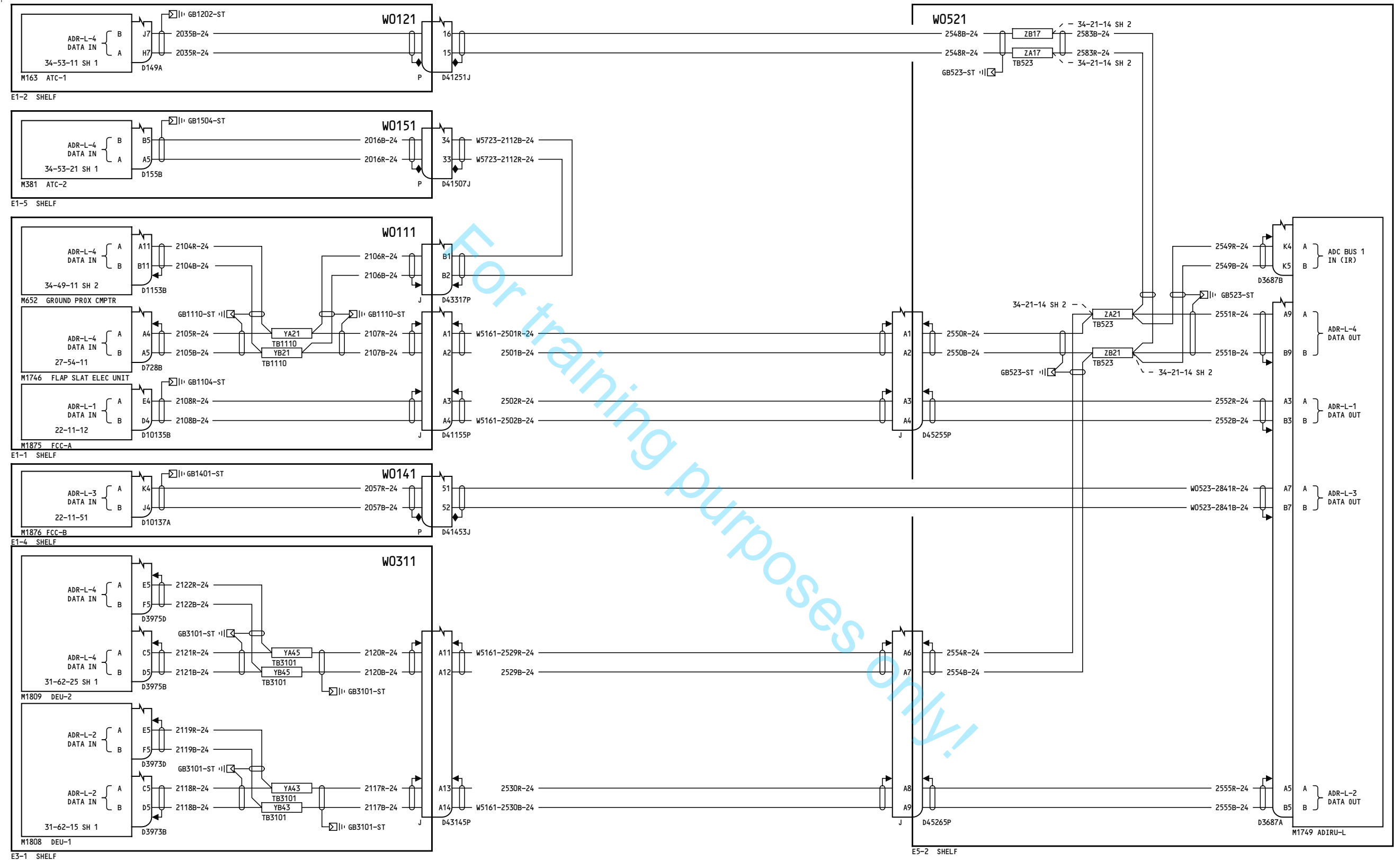
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YN501-YR328

**AIR DATA INERTIAL  
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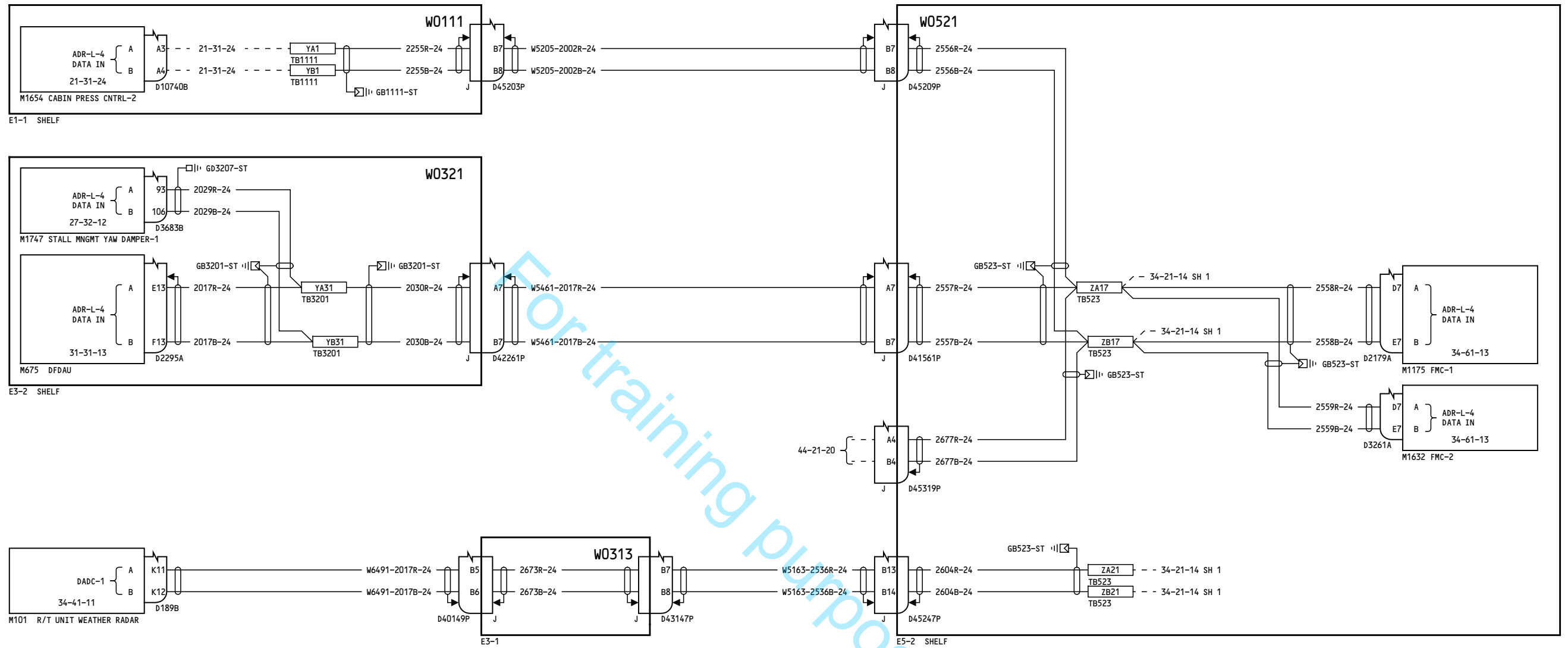
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YN501-YR328

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
- LEFT ADR OUTPUTS**

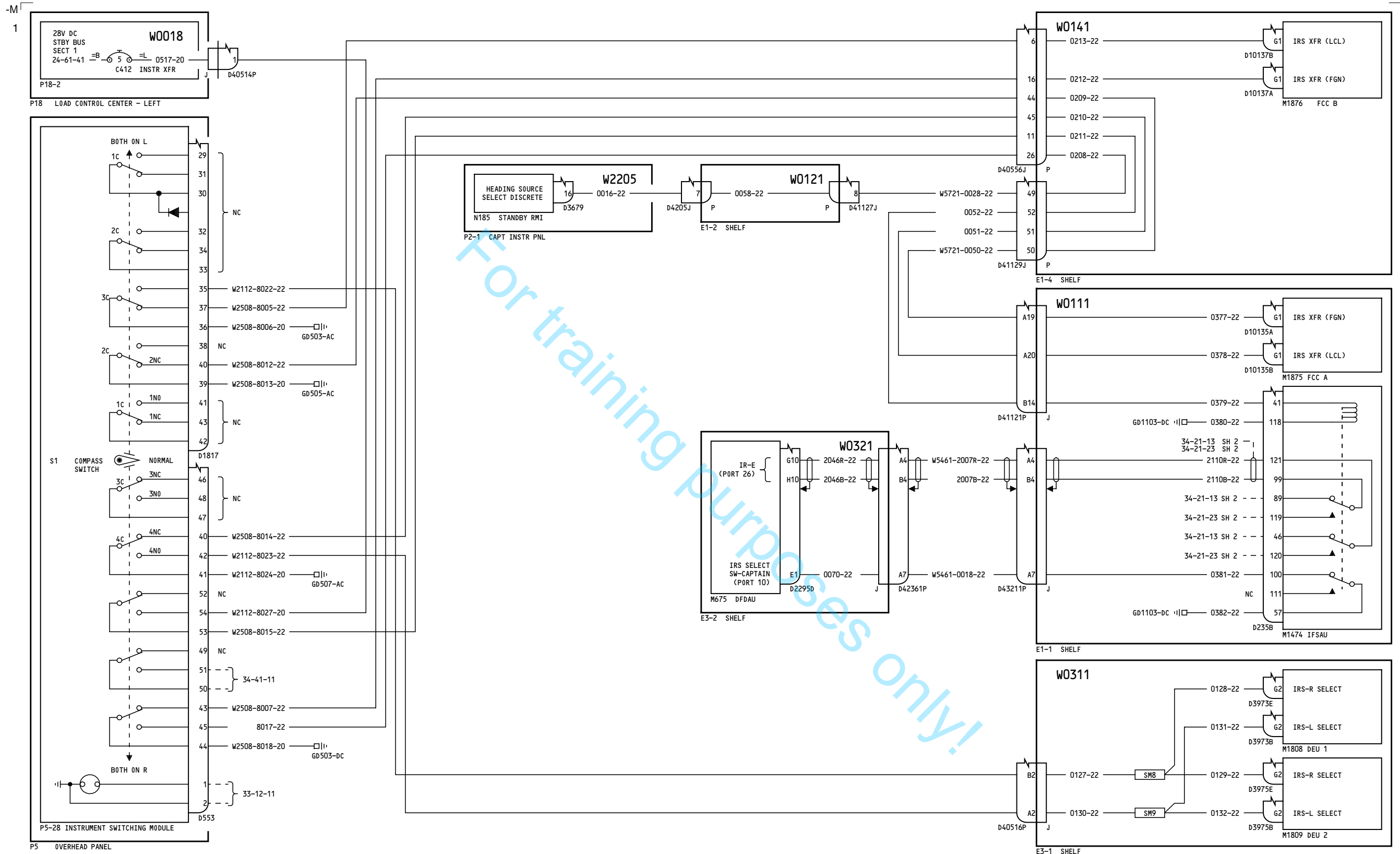
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YC051-YC052

**AIR DATA INERTIAL  
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SIGNAL SWITCHING**

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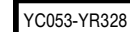
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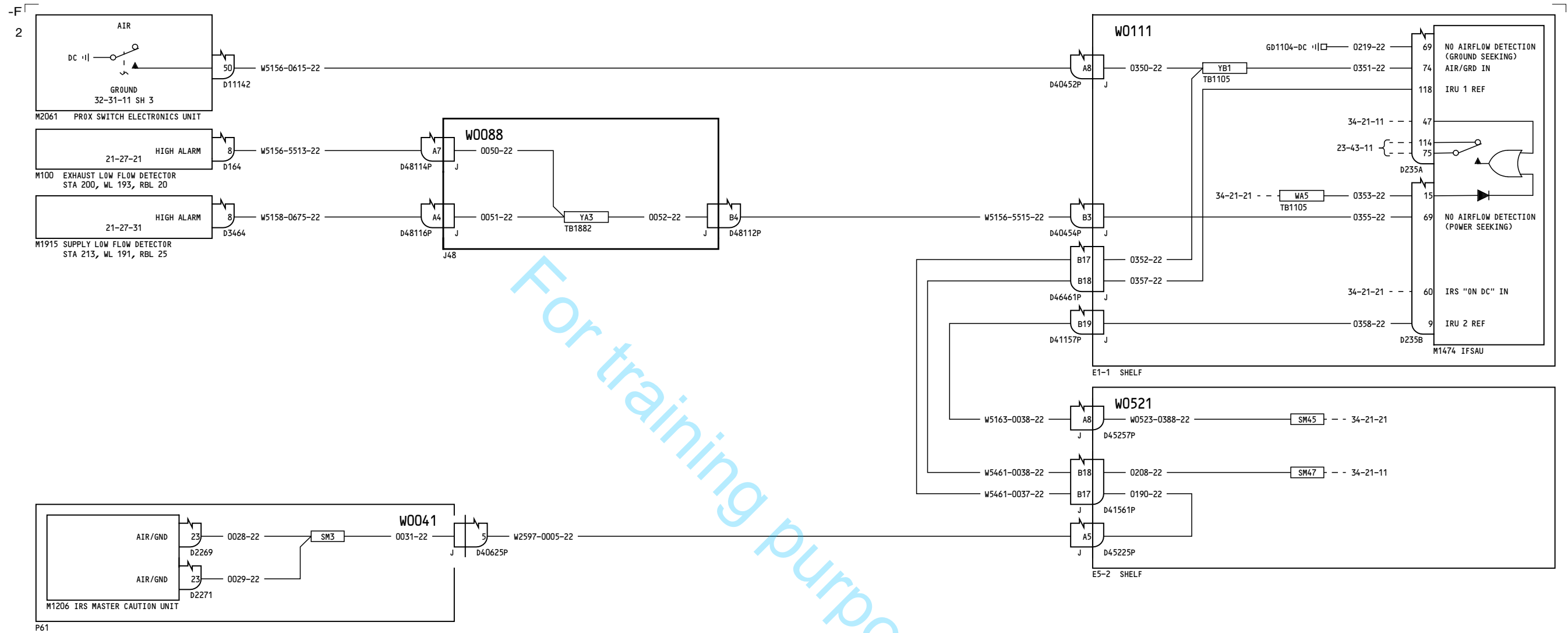
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ALL

**ADIRS - NO COOLING  
AND "ON DC" OPERATION  
WARNING**

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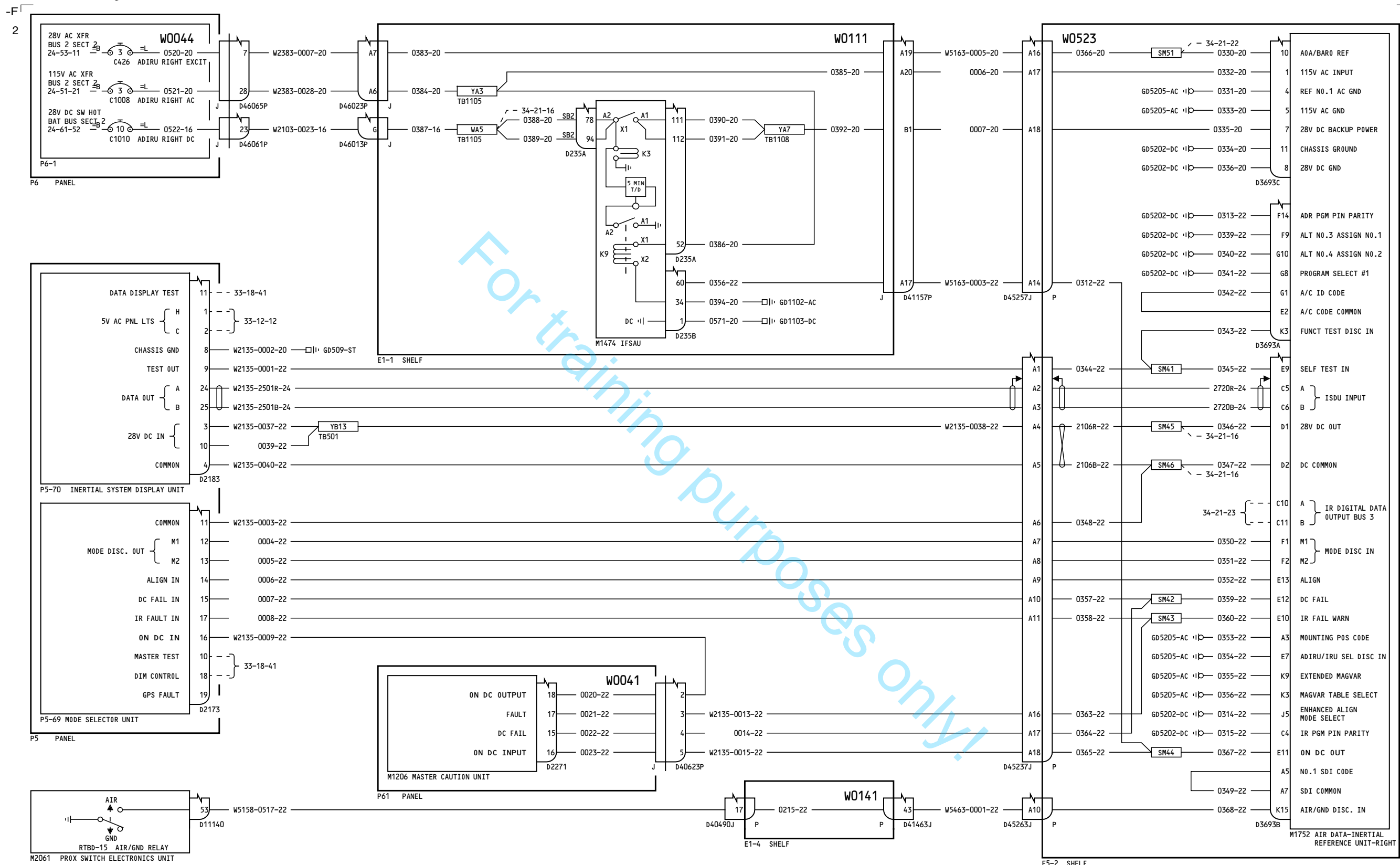
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YC051-YD153

**AIR DATA INERTIAL  
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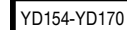
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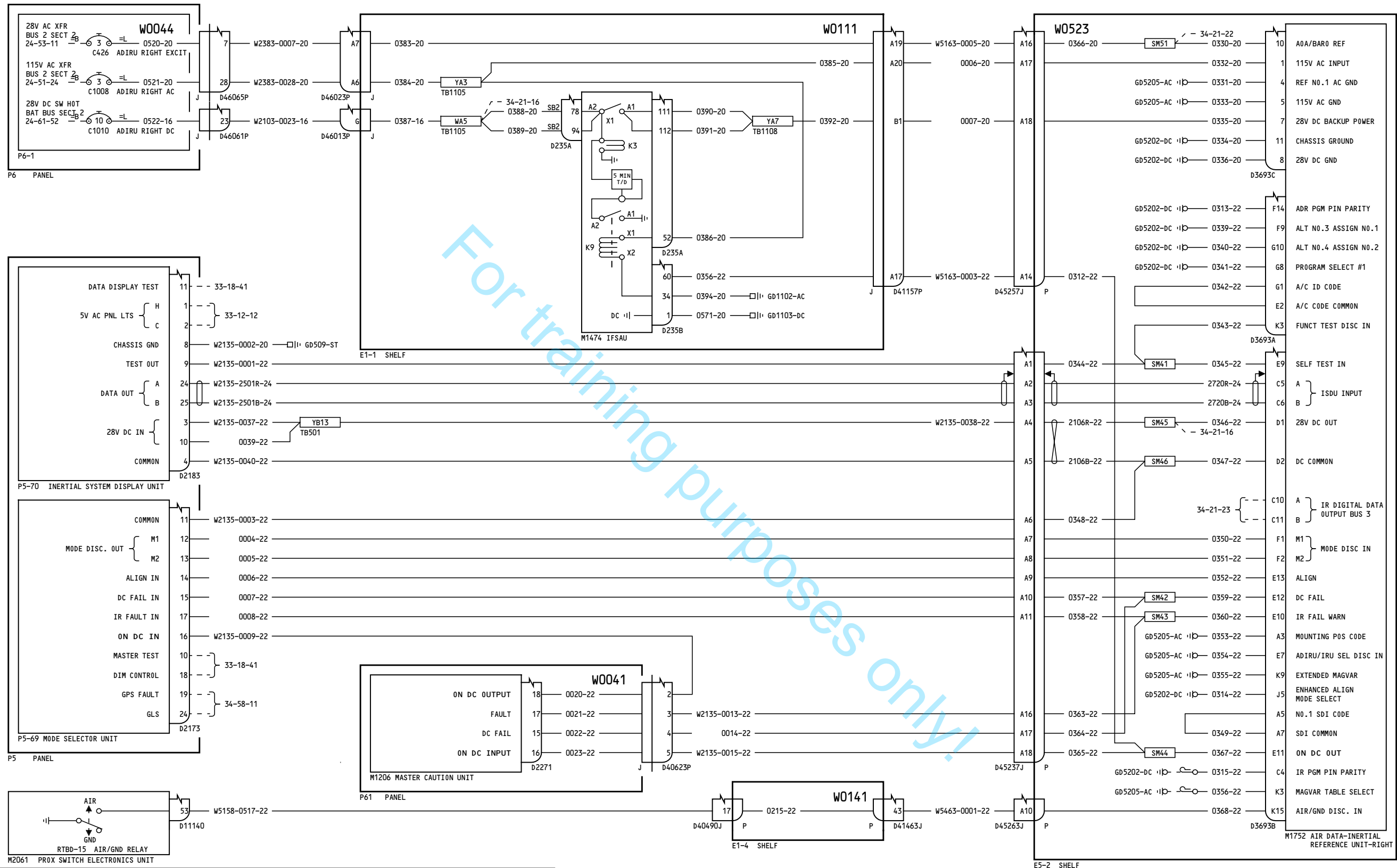
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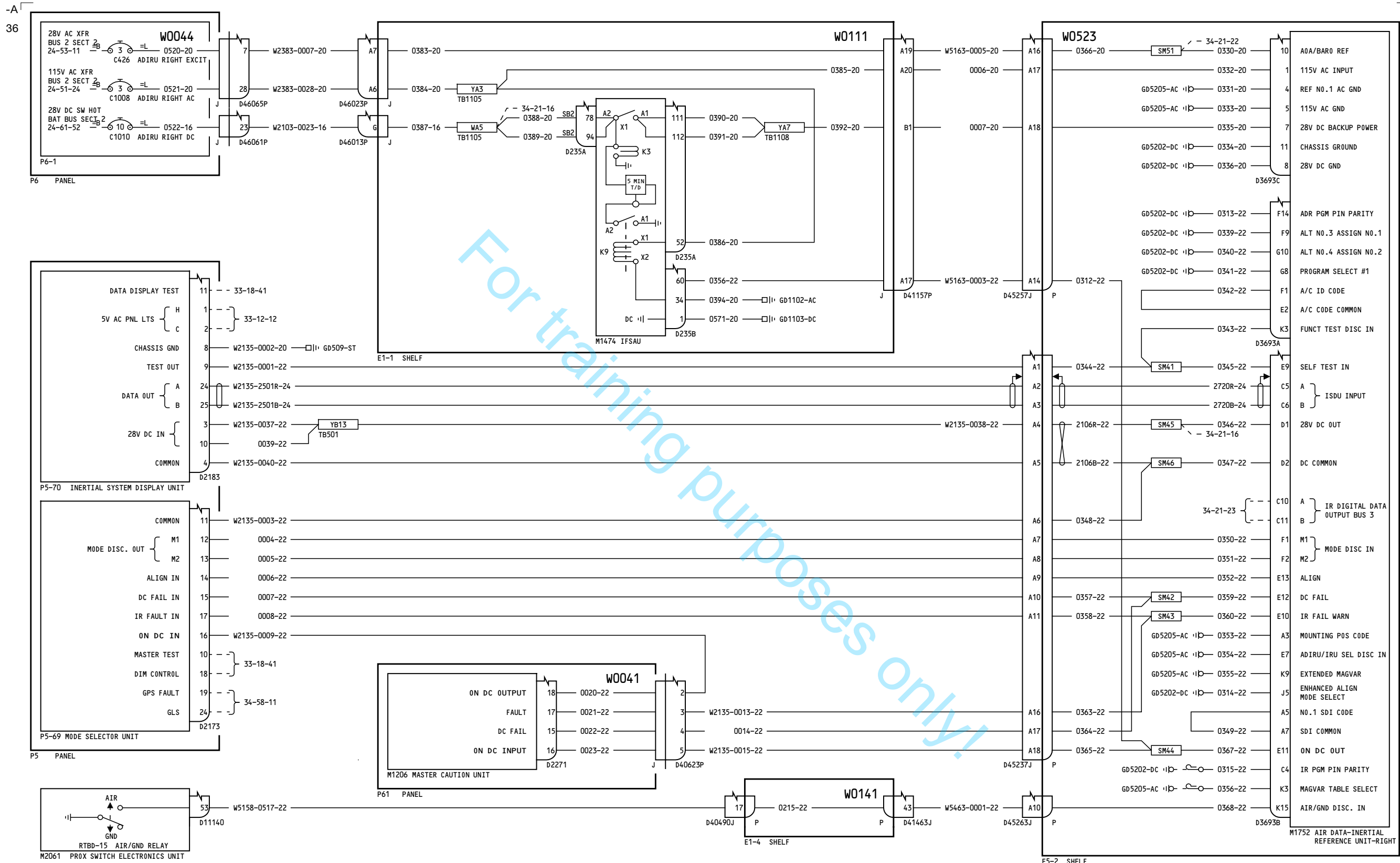
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YN231-YN501

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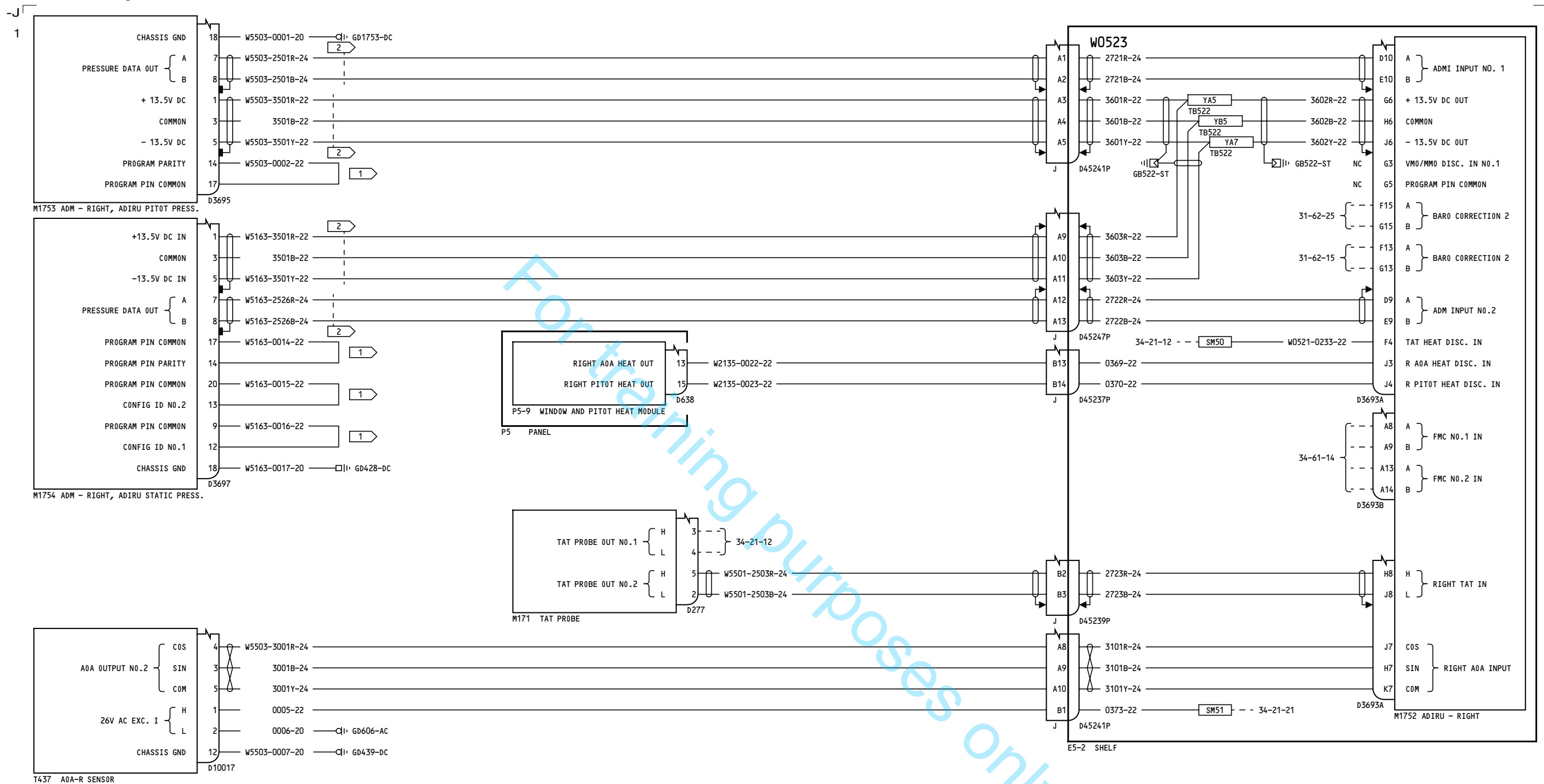
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NOTES: 1 LIMIT LOOPS TO < 3 INCH LENGTH 2 LIMIT PIG-TAILS TO < 3 INCH LENGTH

YC051-YC060

**AIR DATA INERTIAL  
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- RIGHT SYSTEM INPUTS**

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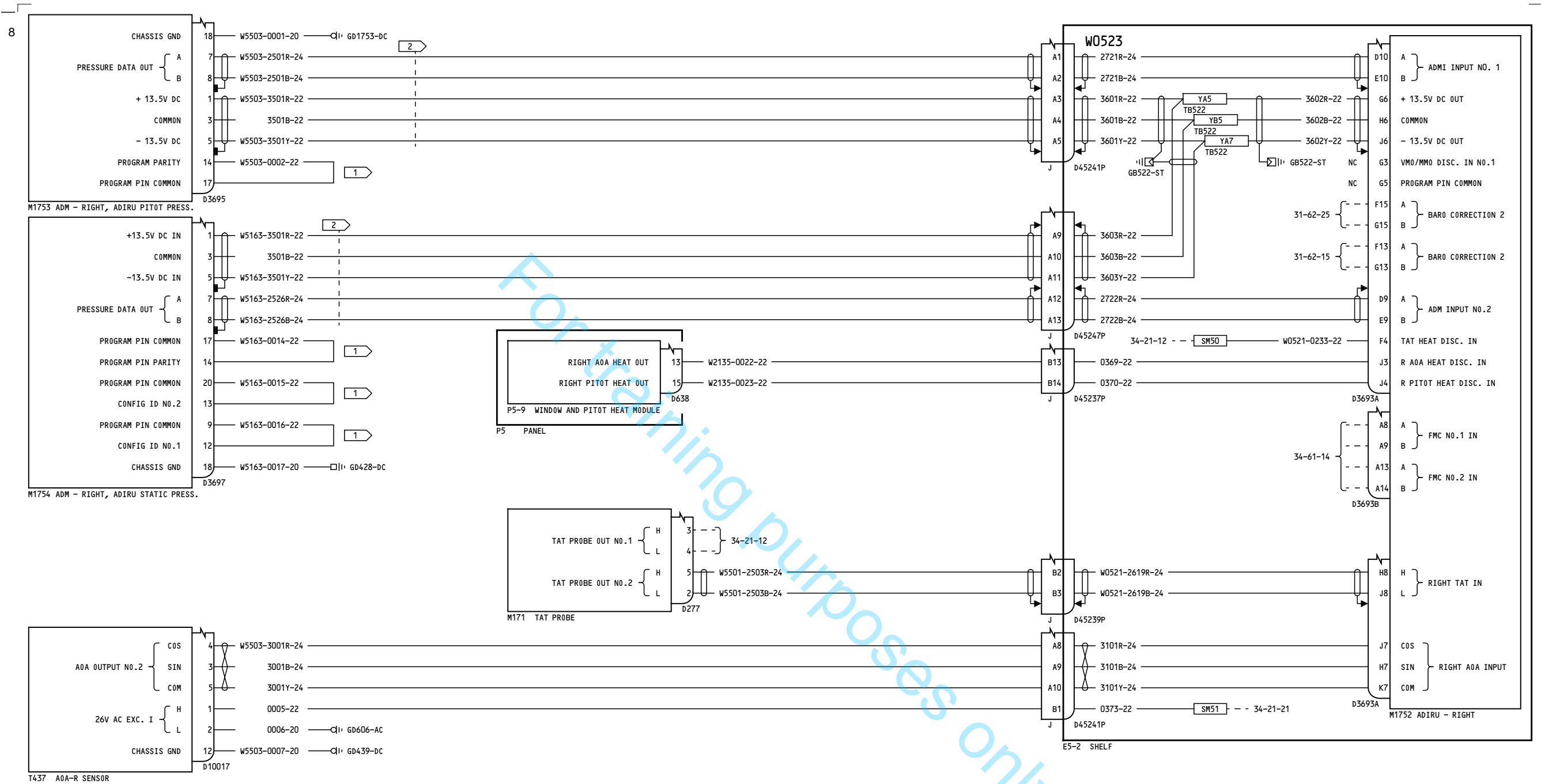
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NOTES: 1 LIMIT LOOPS TO < 3 INCH LENGTH 2 LIMIT PIG-TAILS TO < 3 INCH LENGTH

YC061-YD170

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- RIGHT SYSTEM INPUTS**

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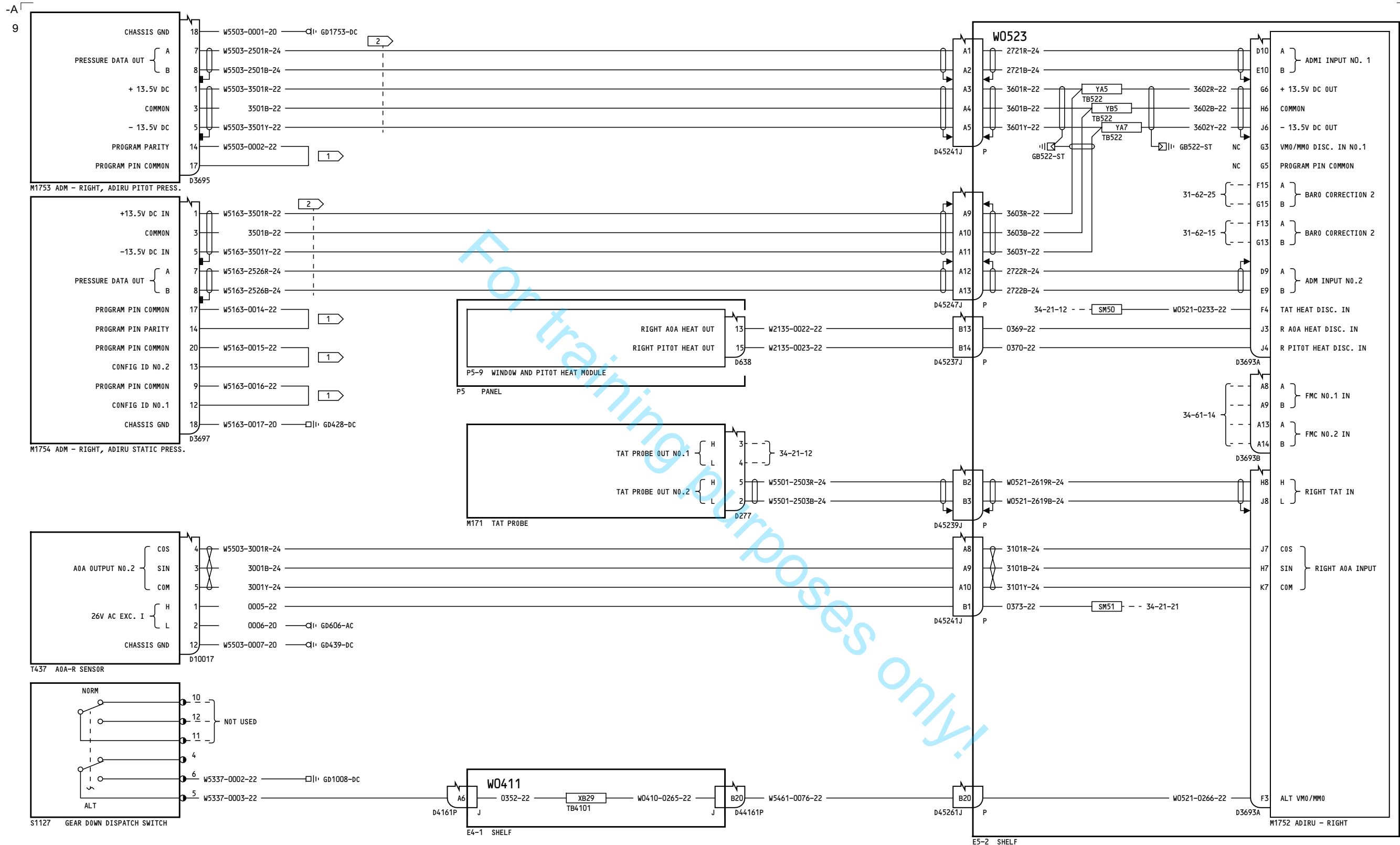
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**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
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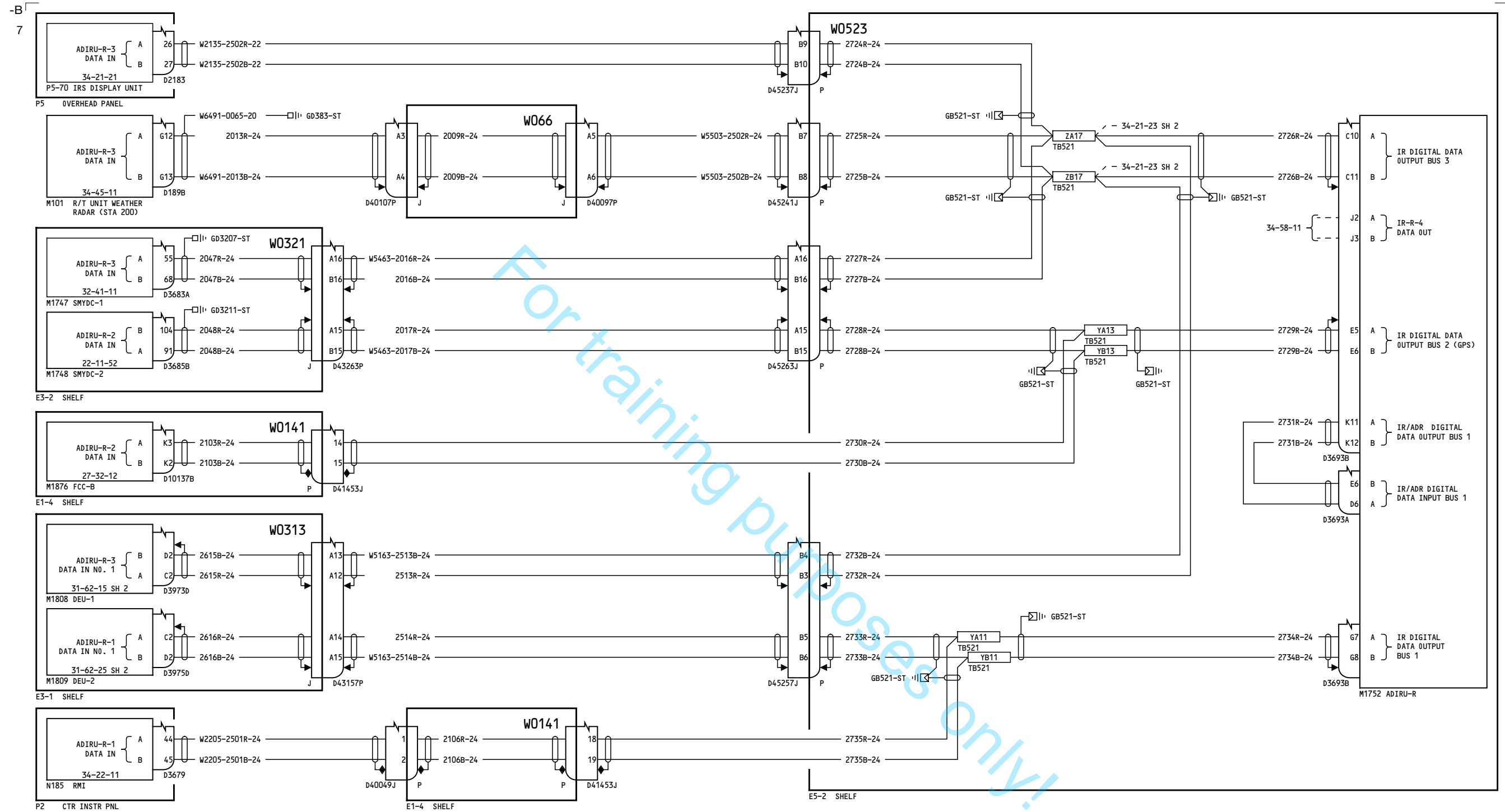
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YC051-YC052

### AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT IR OUTPUTS

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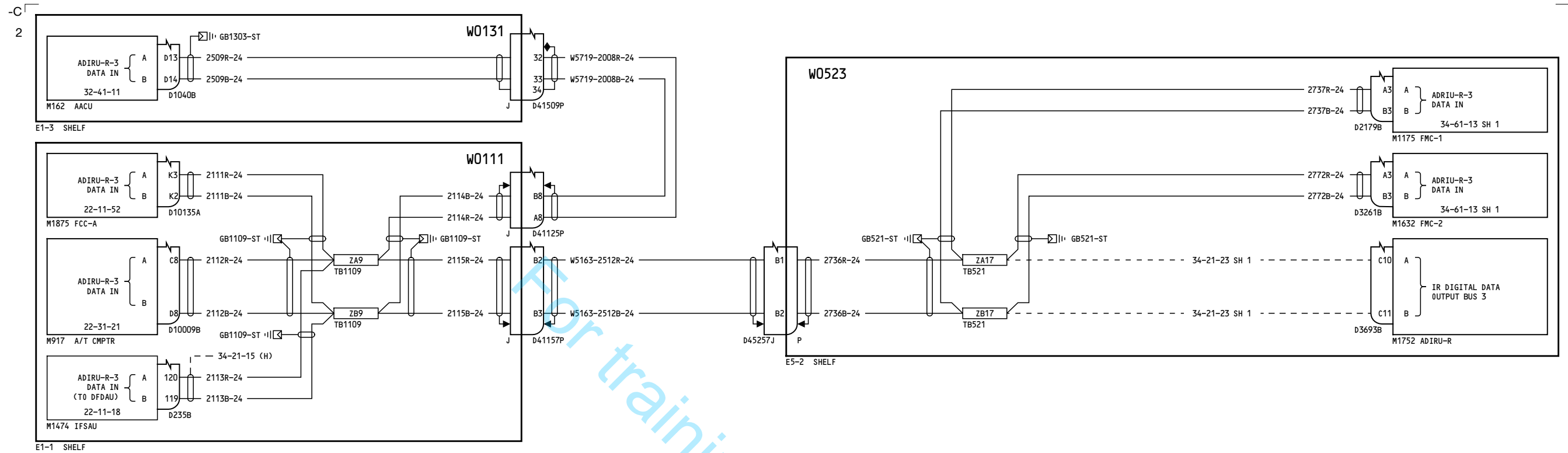
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YC051-YC052

**AIR DATA INERTIAL  
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- RIGHT IR OUTPUTS**

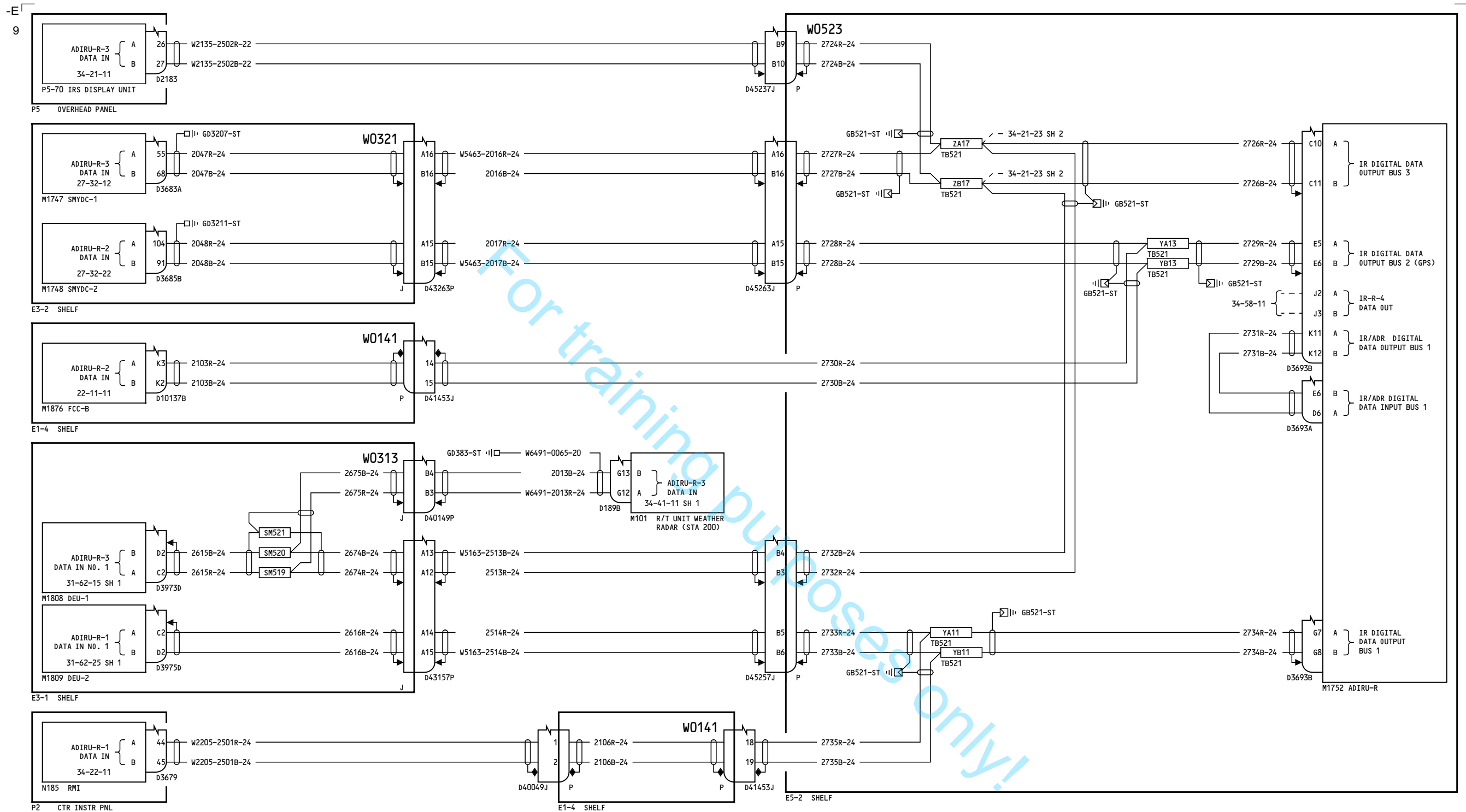
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YC053-YD155

**AIR DATA INERTIAL  
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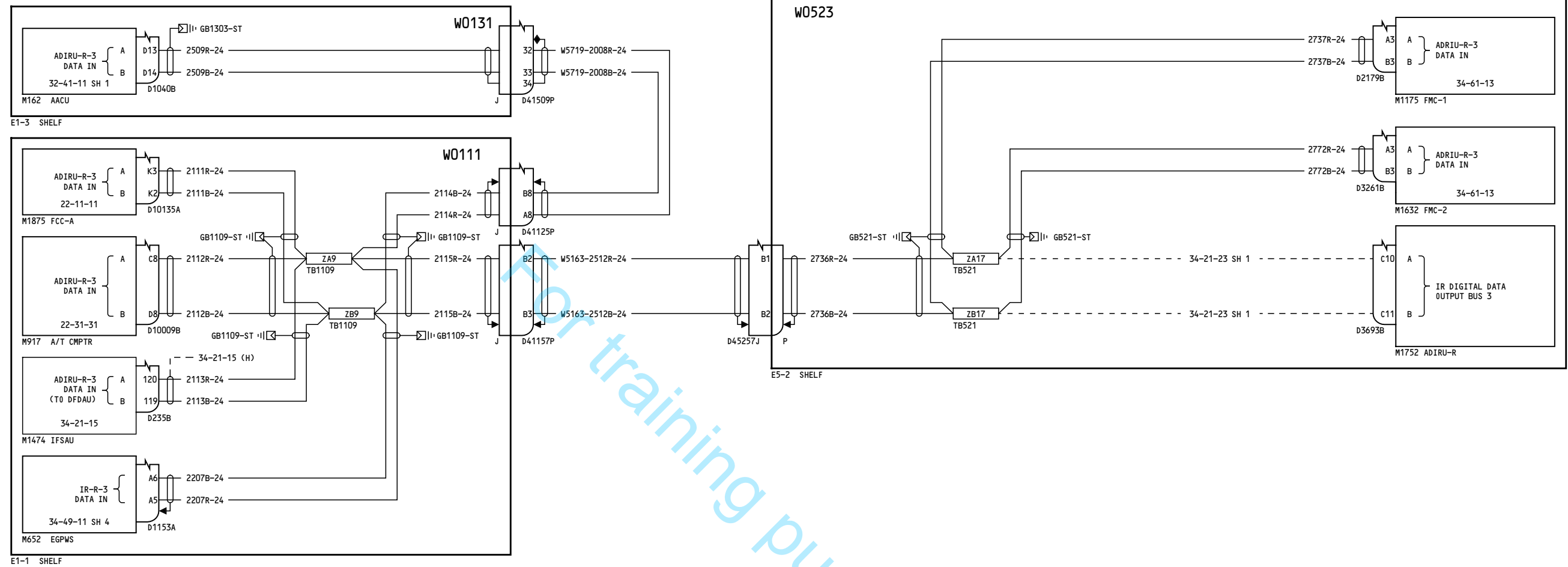
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YC053-YD155

**AIR DATA INERTIAL  
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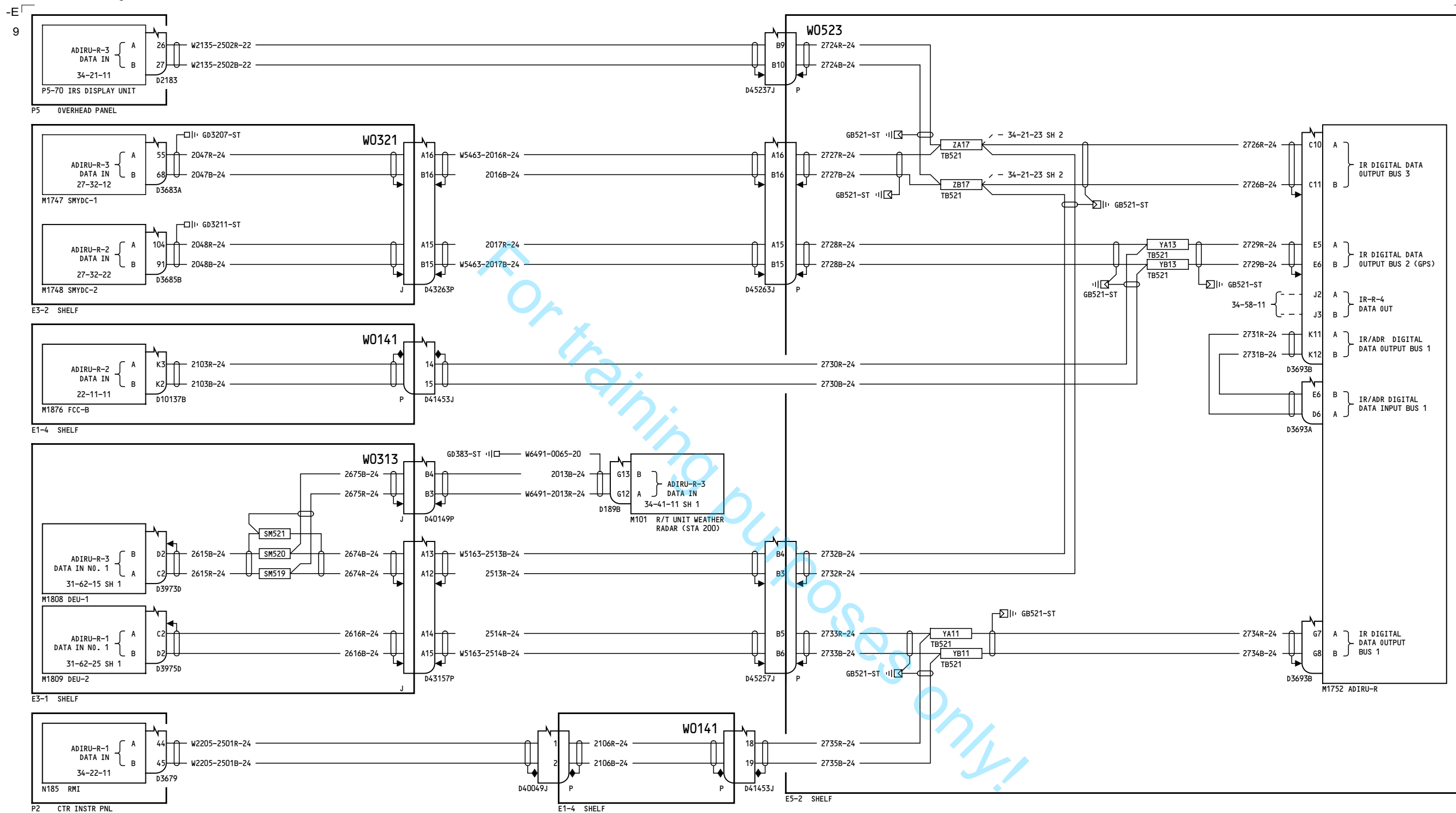
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**AIR DATA INERTIAL  
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- RIGHT IR OUTPUTS**

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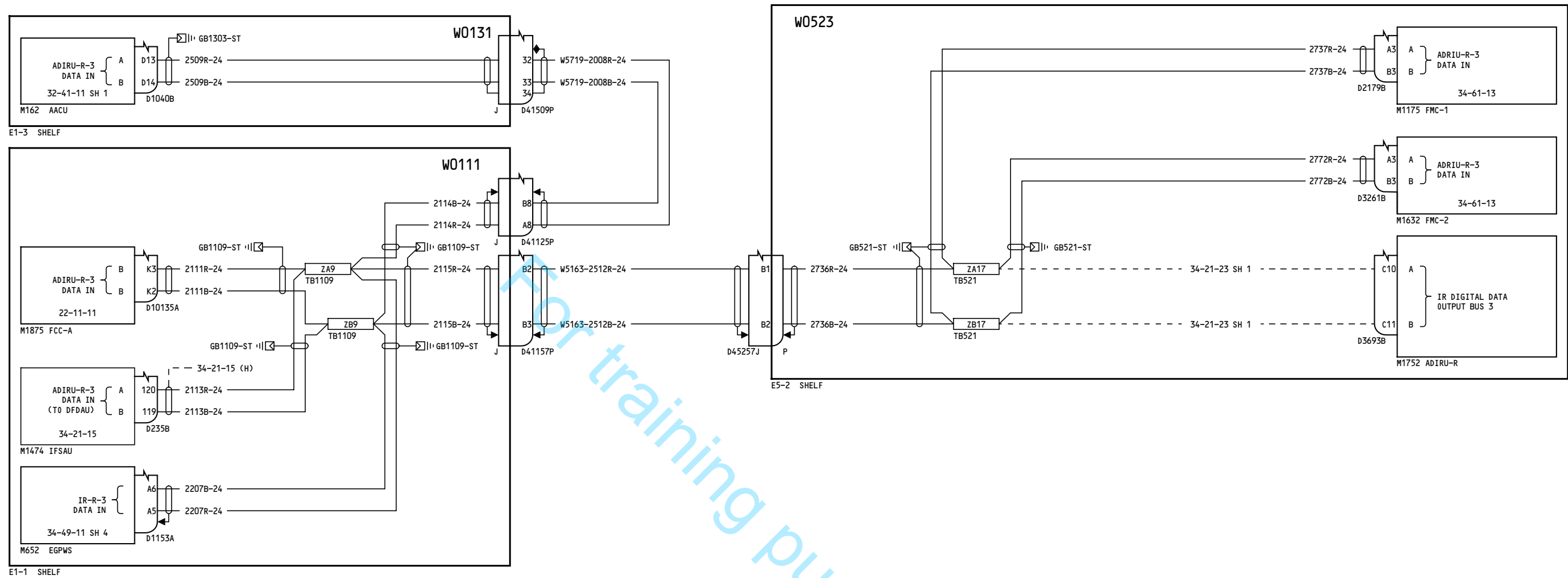
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YD157

**AIR DATA INERTIAL  
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- RIGHT IR OUTPUTS**

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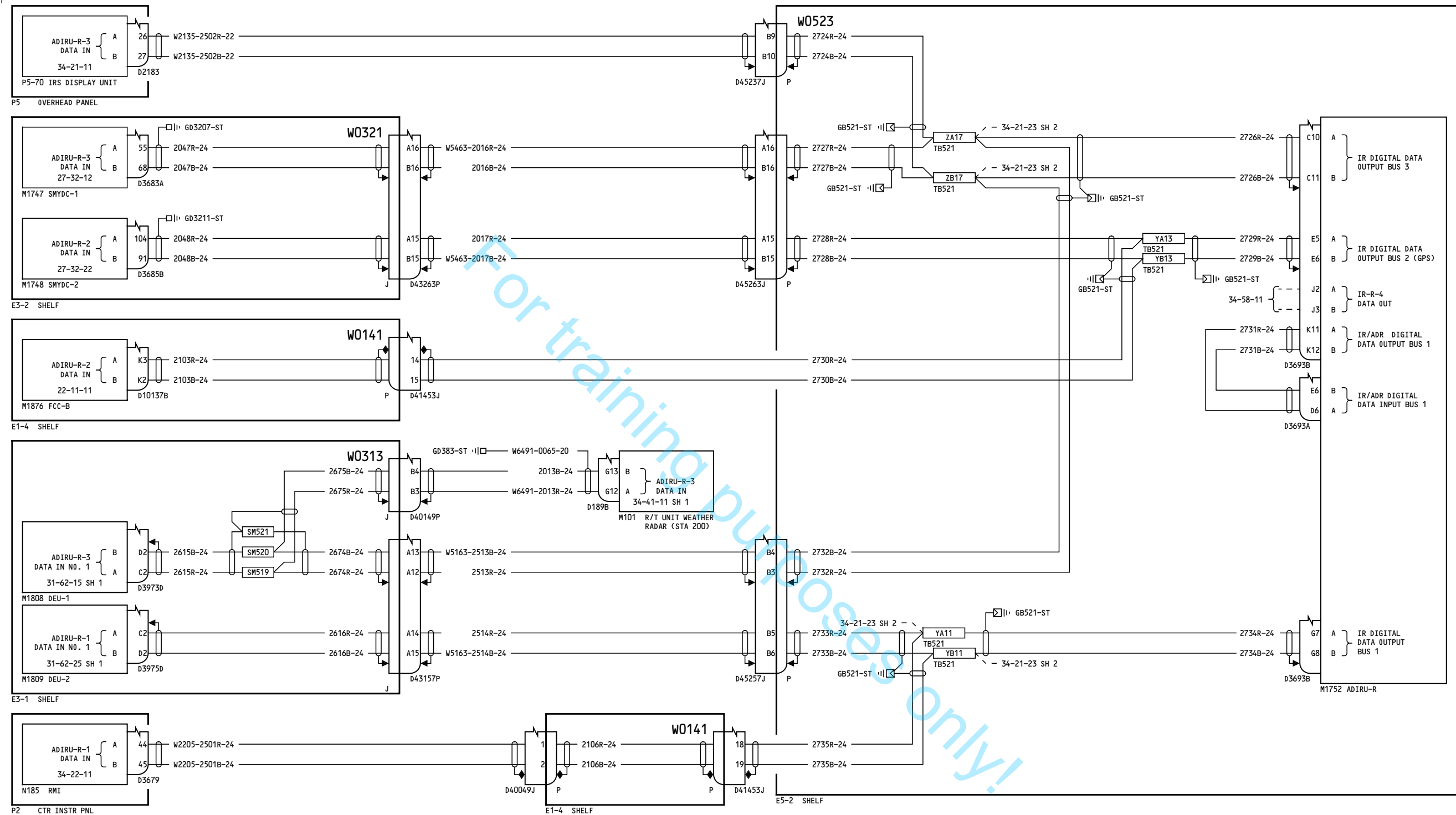
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- RIGHT IR OUTPUTS

D280A108

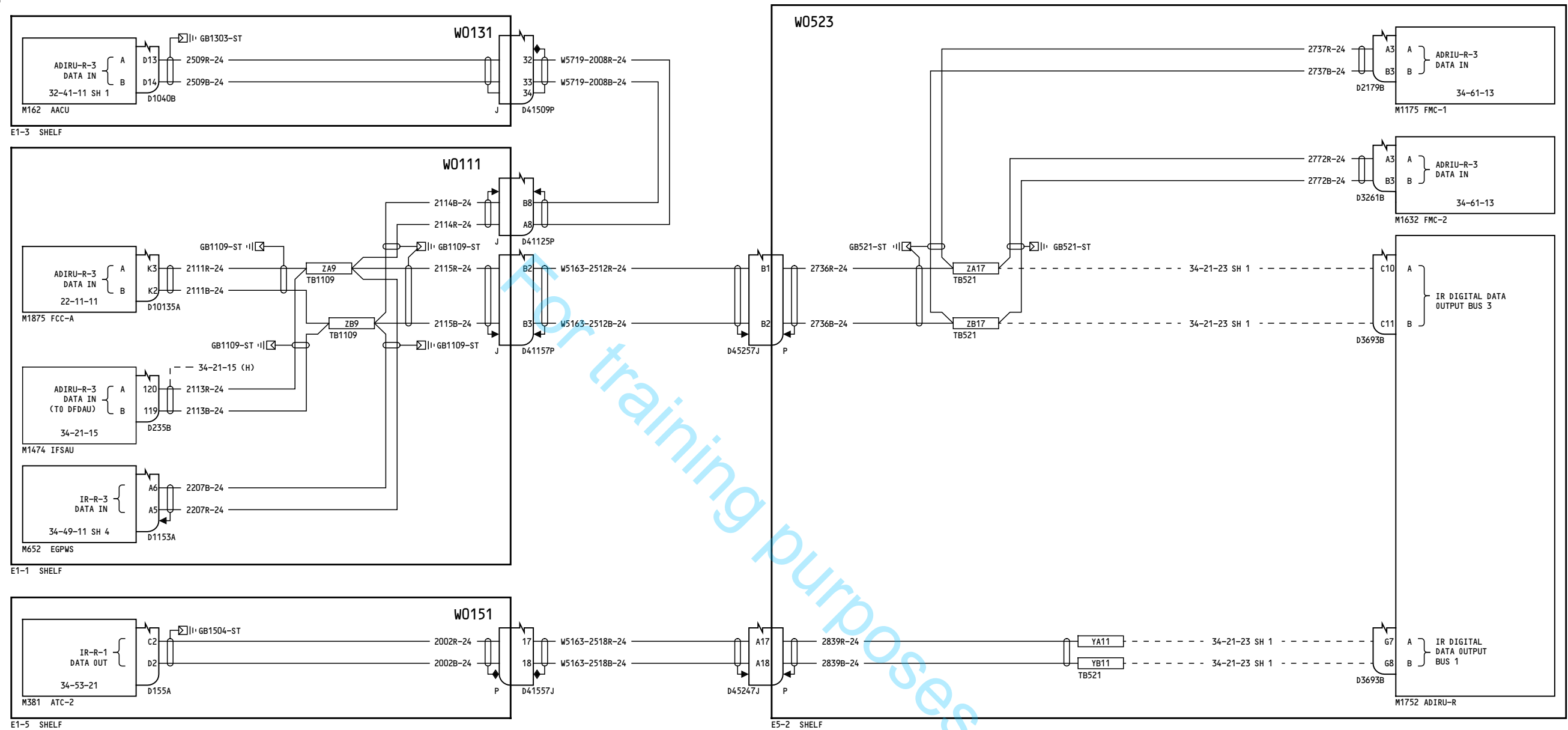
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- RIGHT IR OUTPUTS**

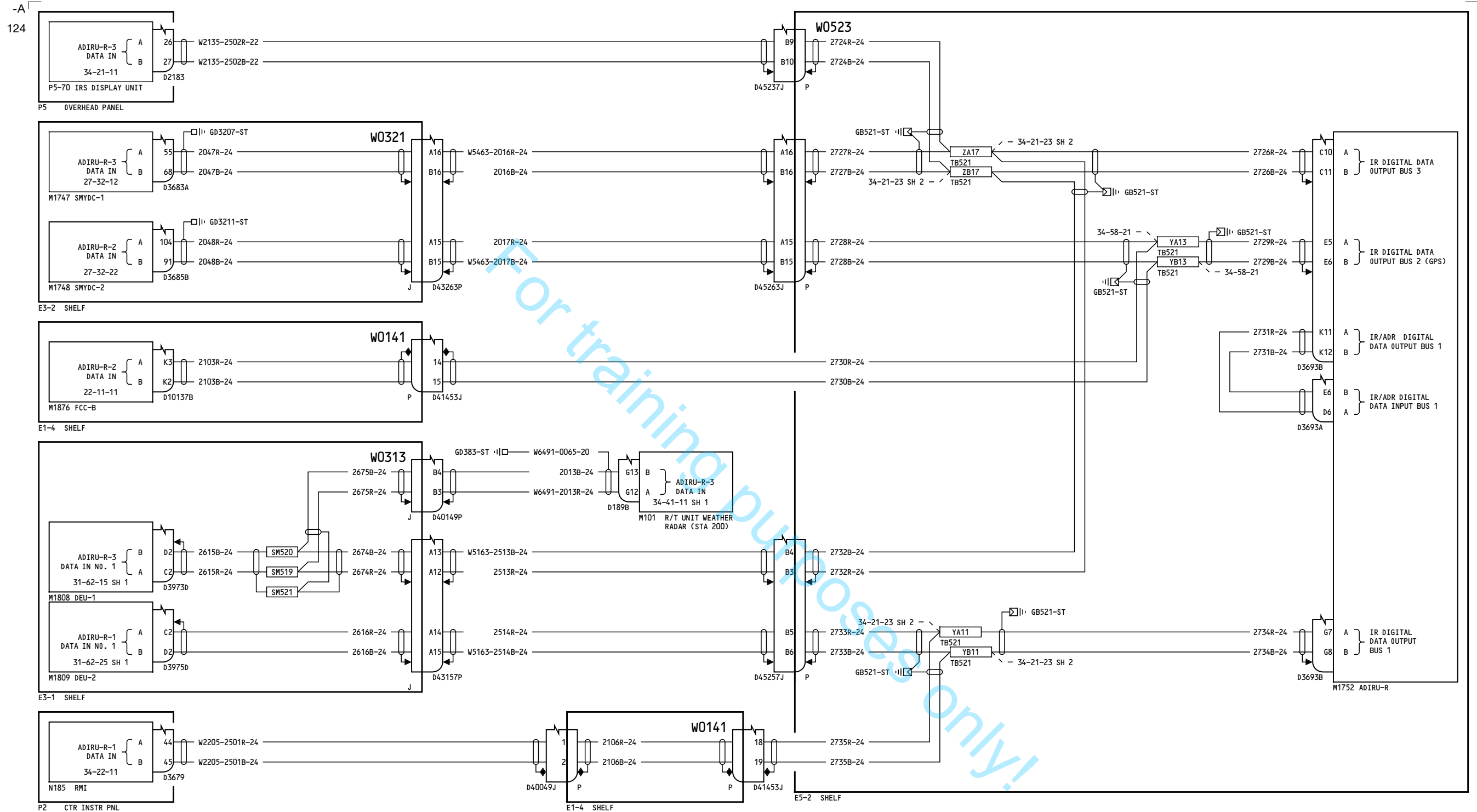
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- RIGHT IR OUTPUTS**

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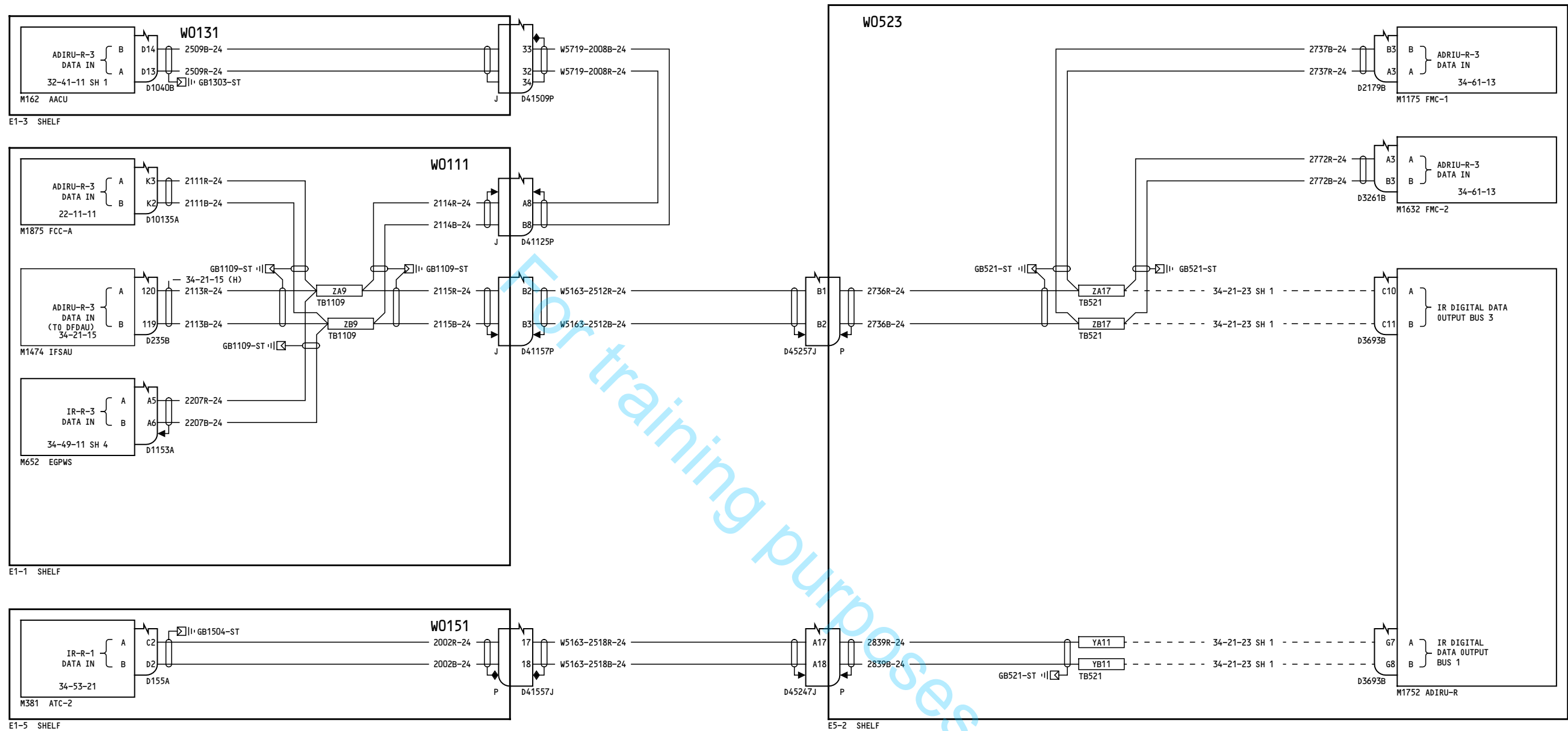
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YL951-YR328

**AIR DATA INERTIAL  
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- RIGHT IR OUTPUTS**

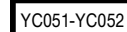
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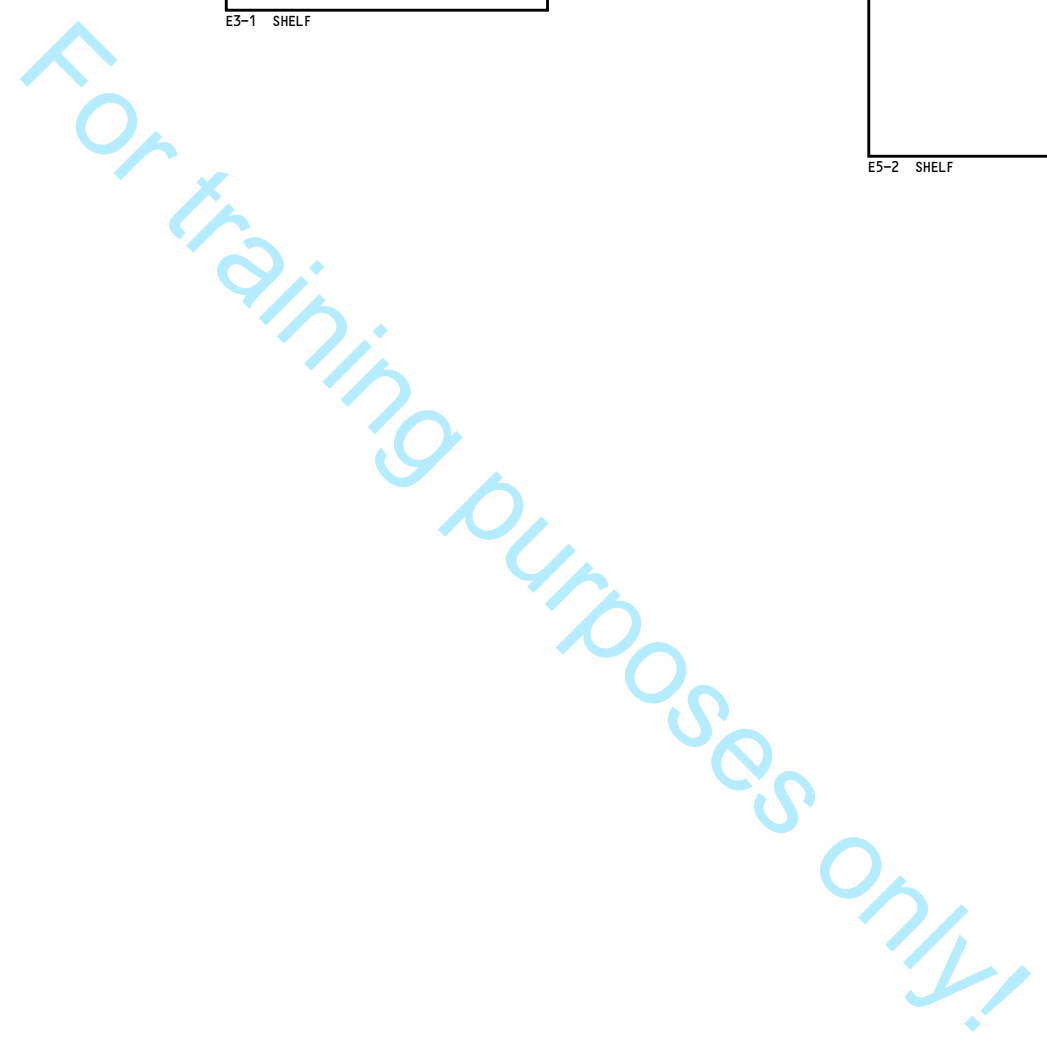


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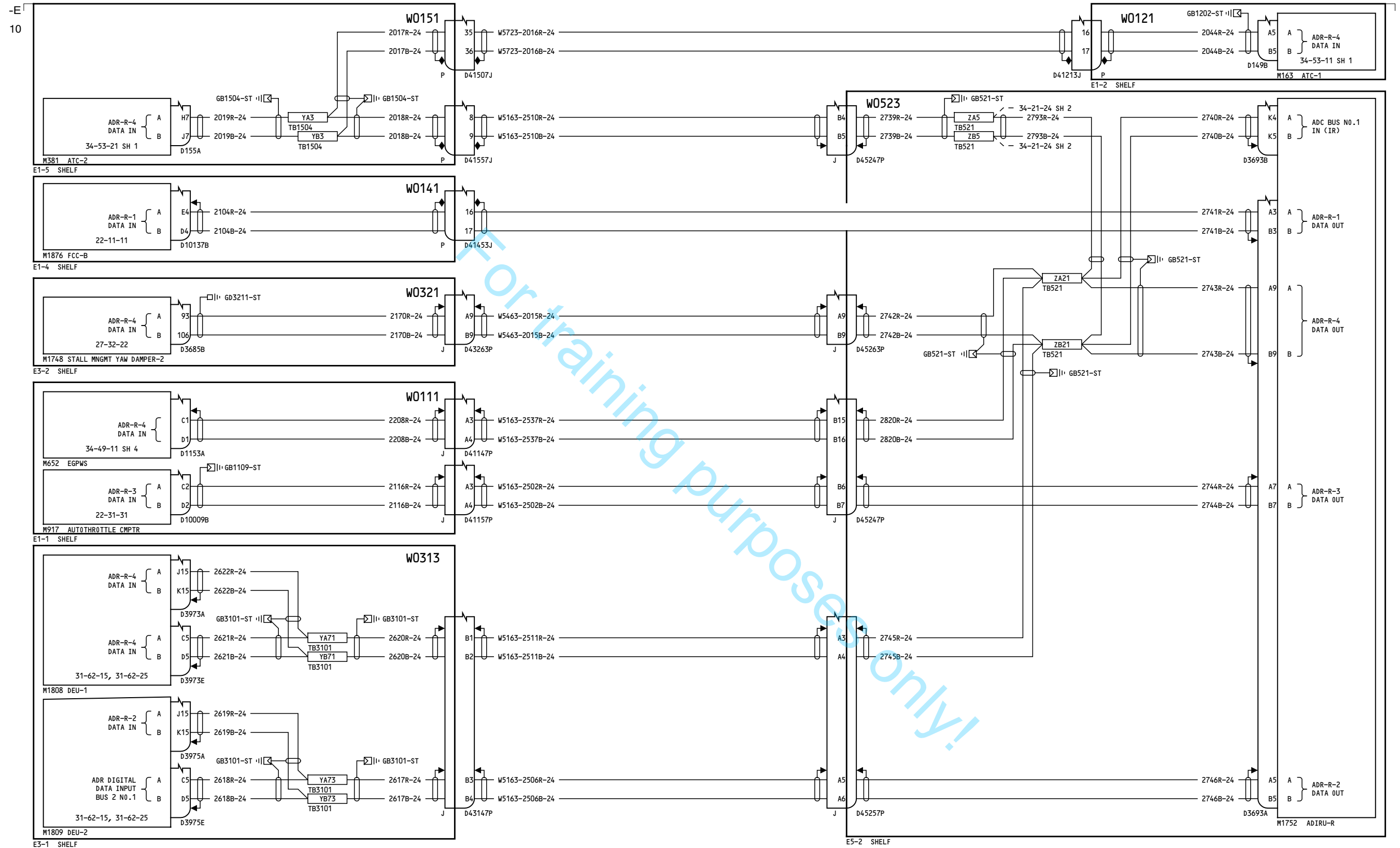
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YC053-YD155

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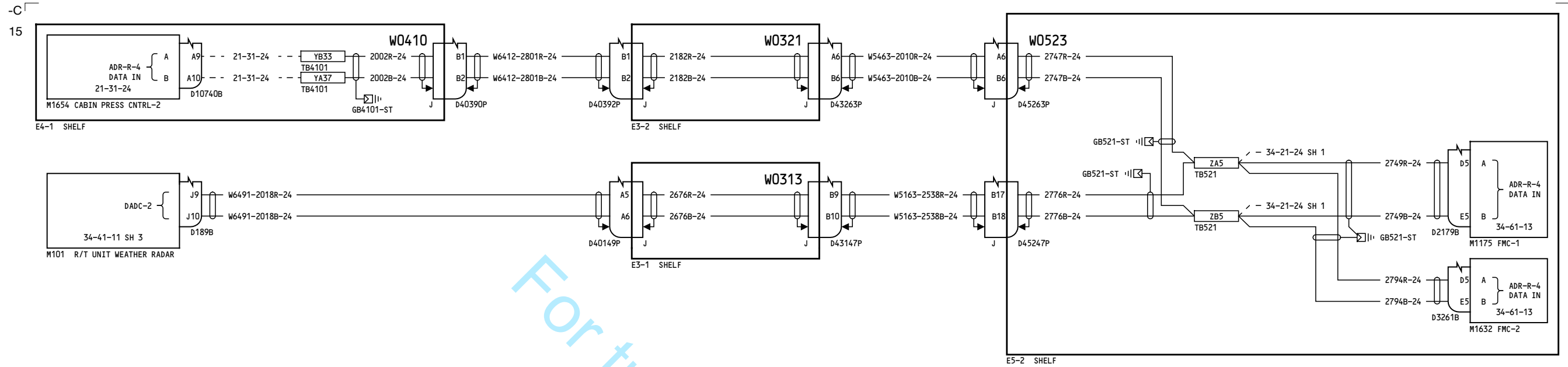
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YC053-YD155

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REFERENCE SYSTEM (ADIRS)  
- RIGHT ADR OUTPUTS**

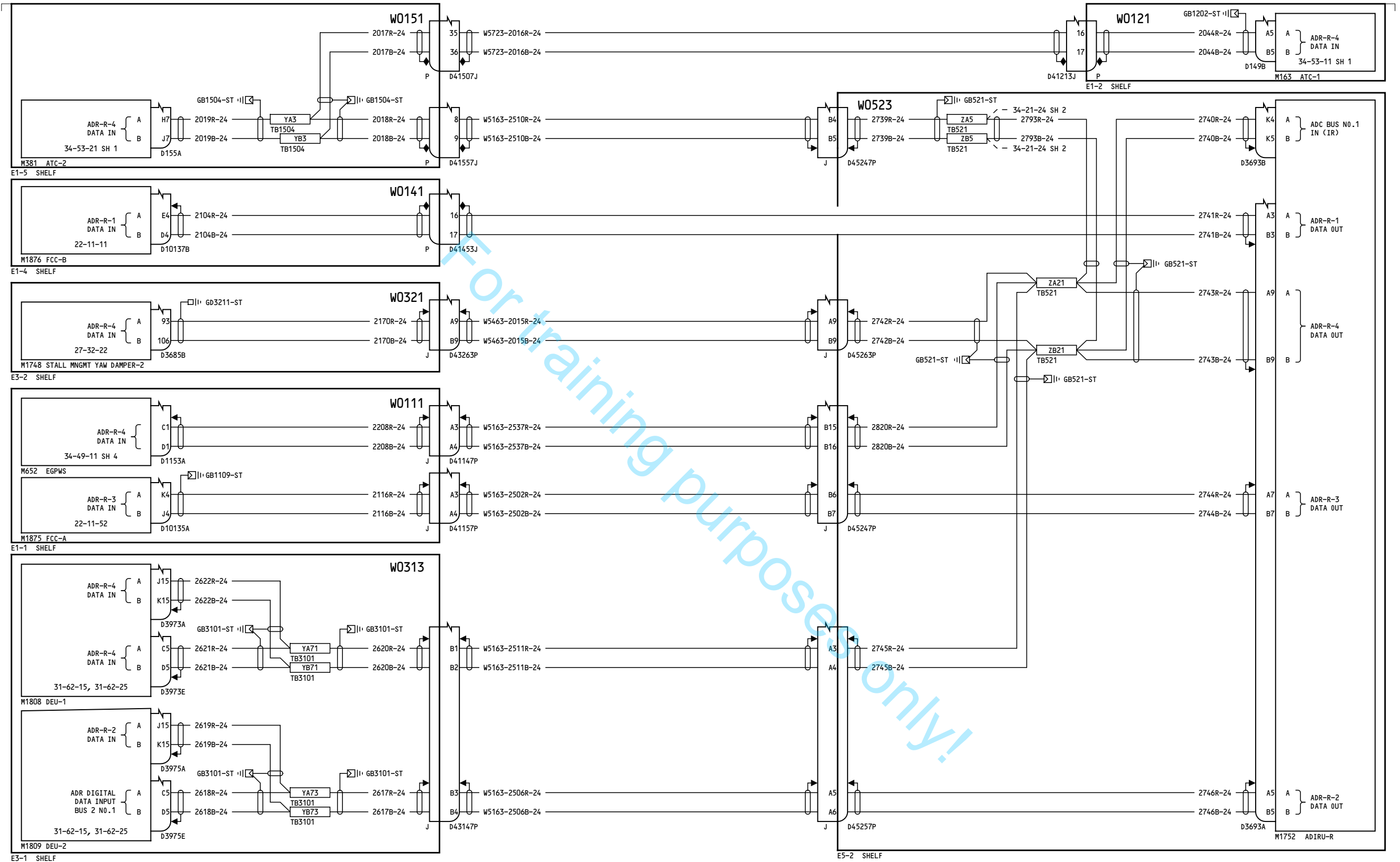
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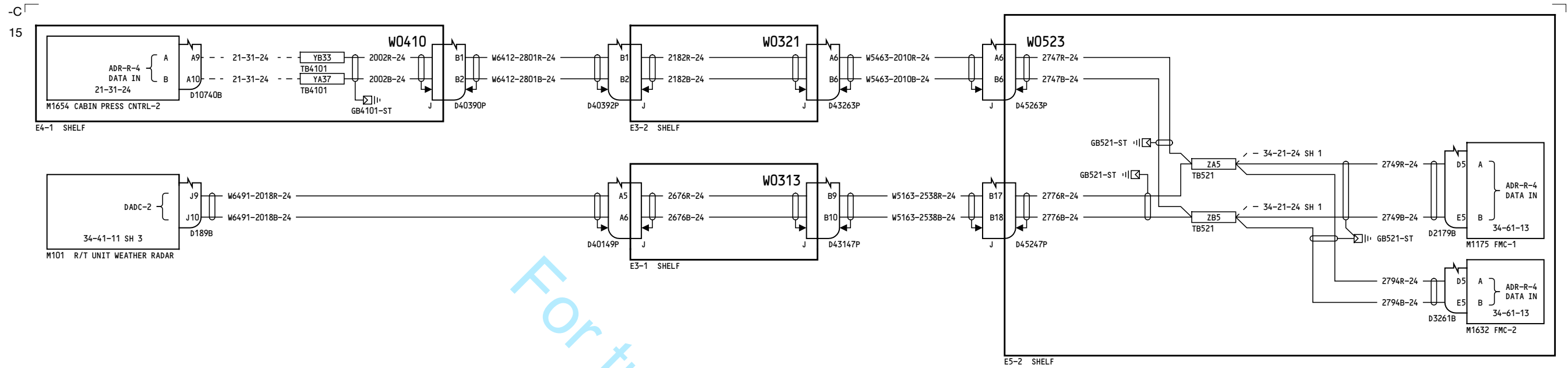
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- RIGHT ADR OUTPUTS**

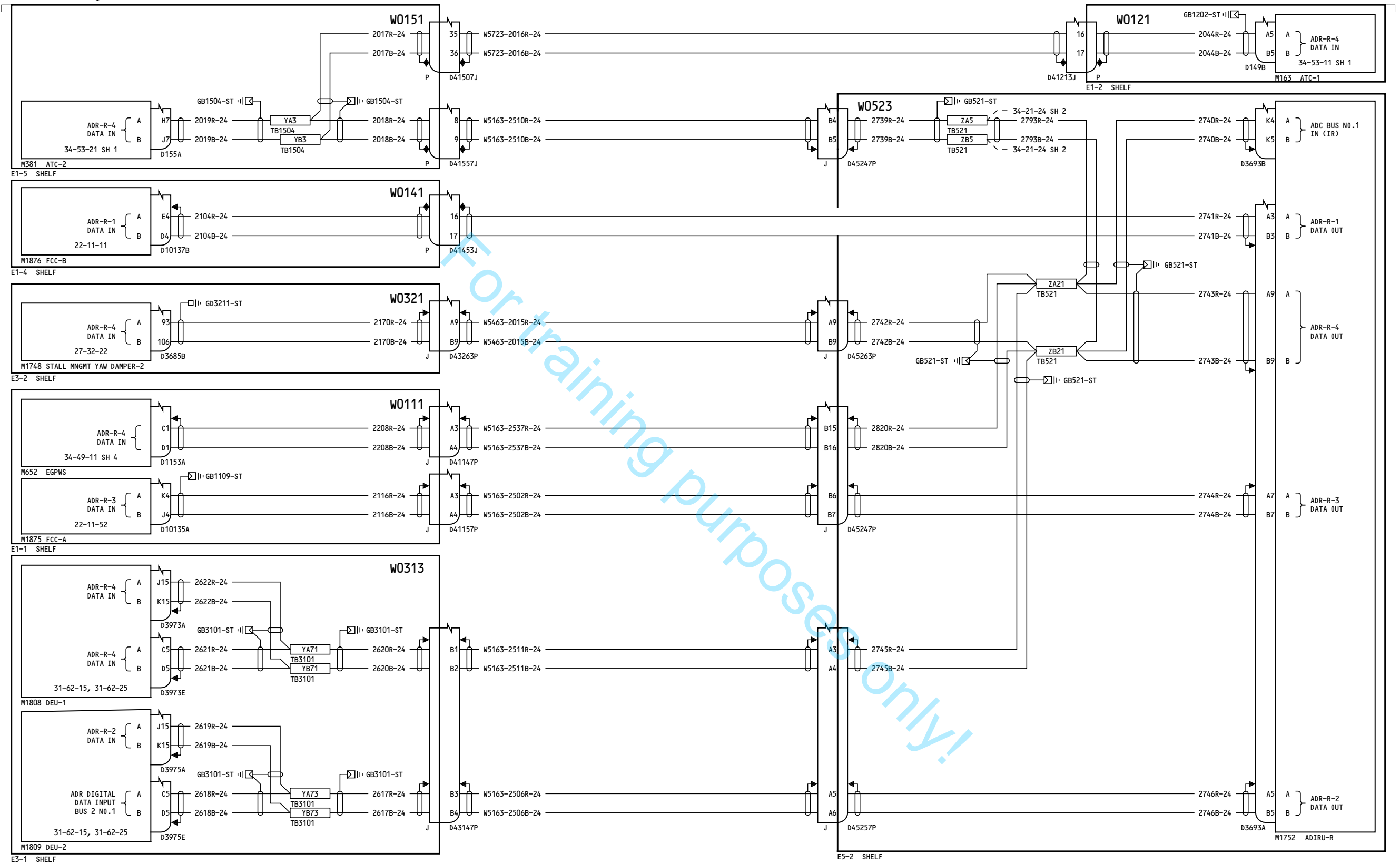
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YD158-YD170

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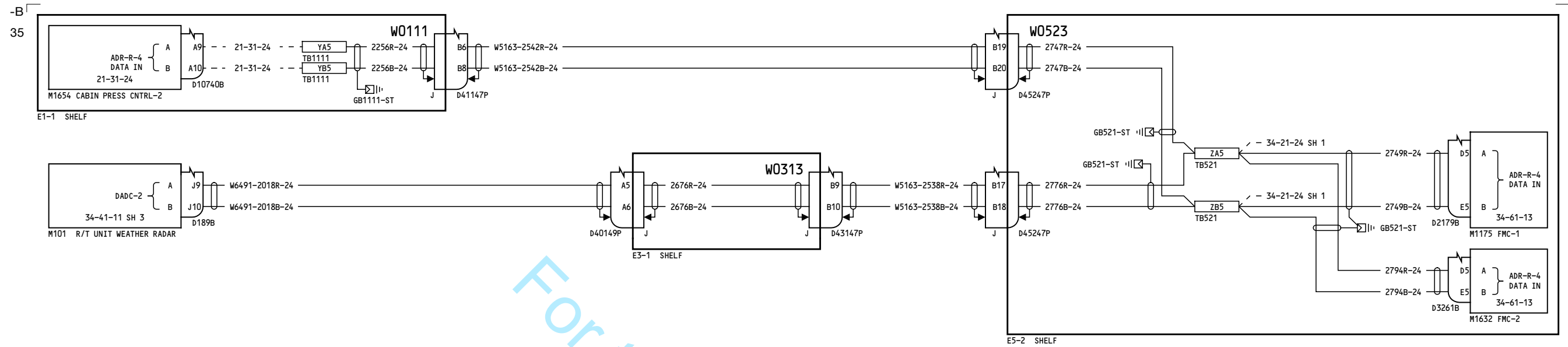
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YD158-YD170

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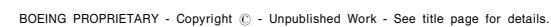
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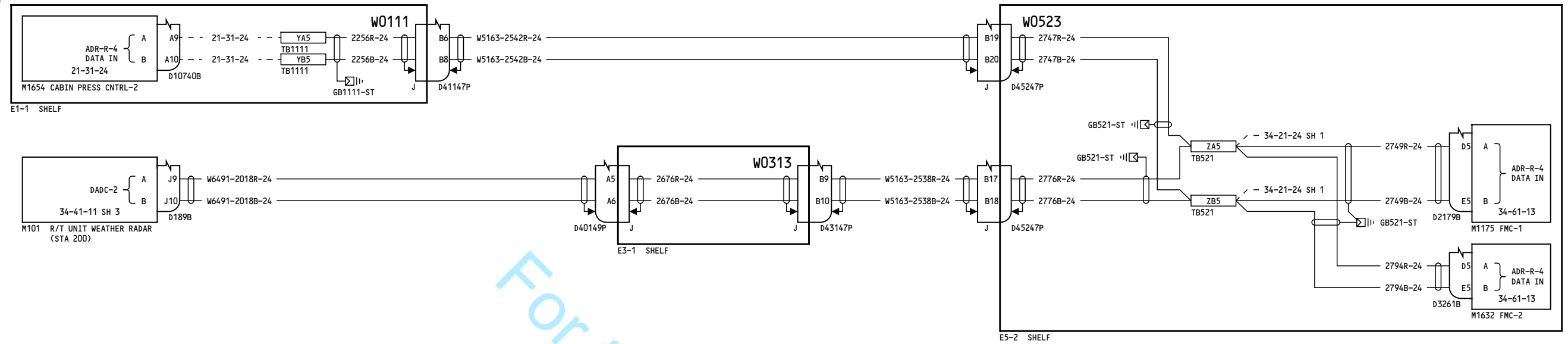
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YL951-YL953

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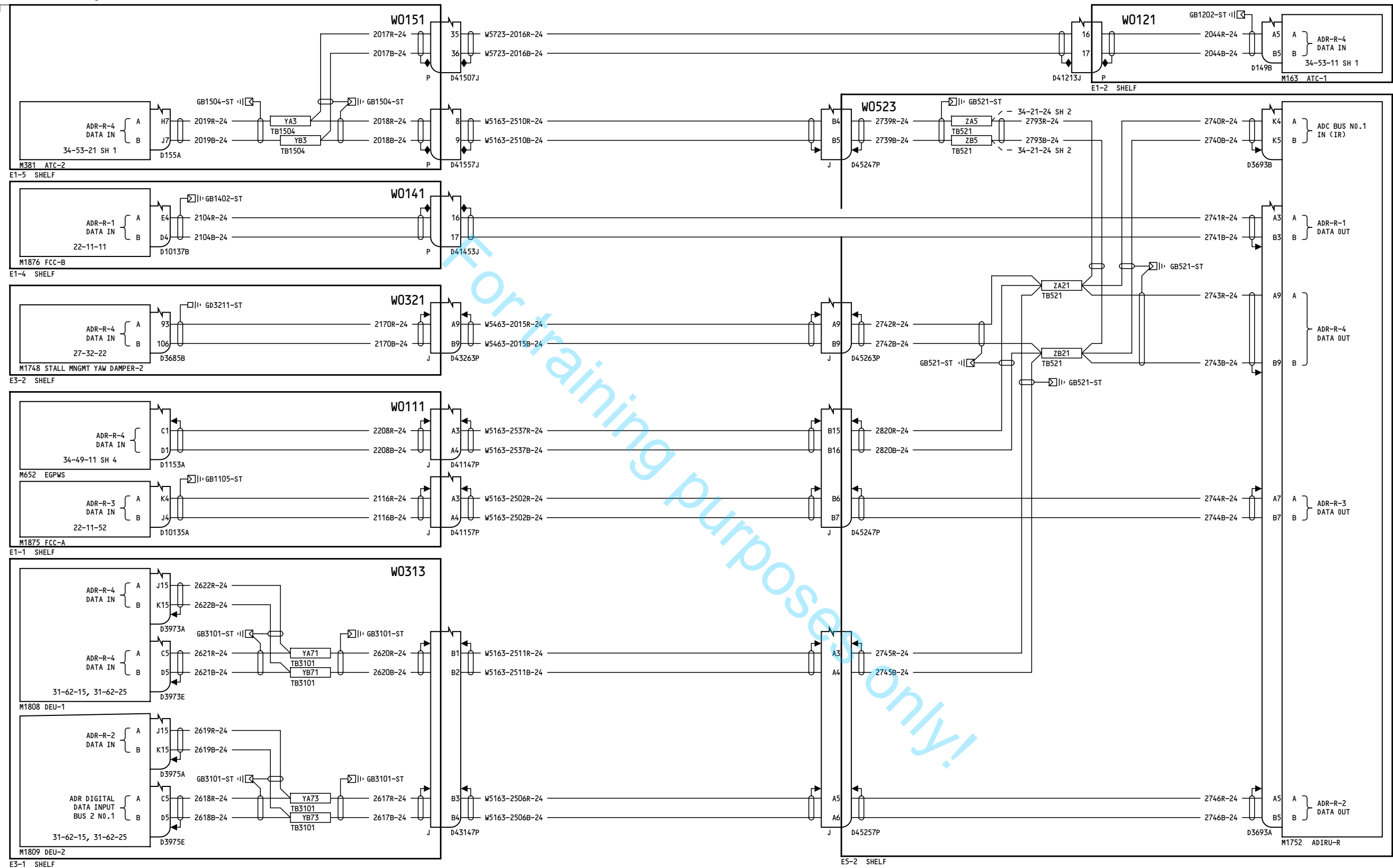
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YL954-YL999

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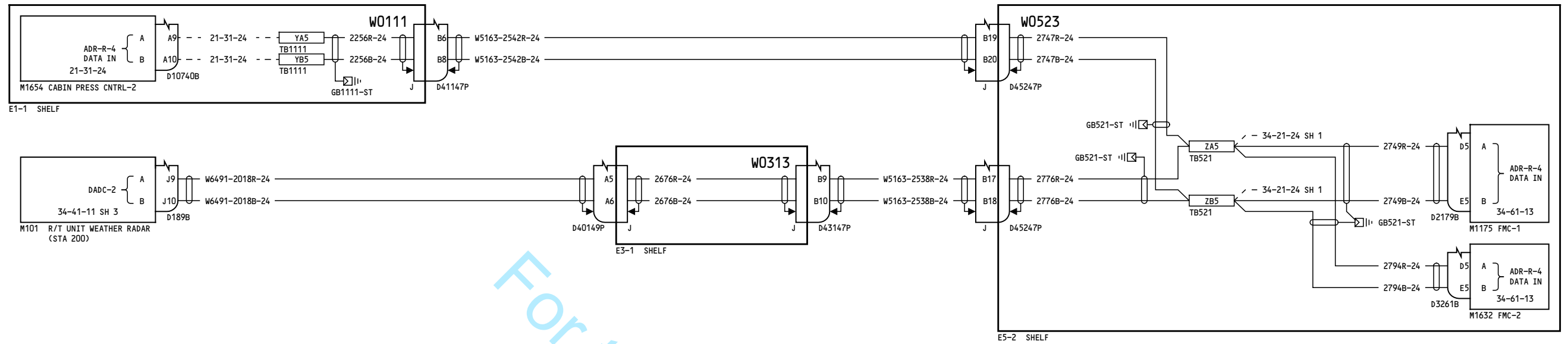
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YL954-YL999

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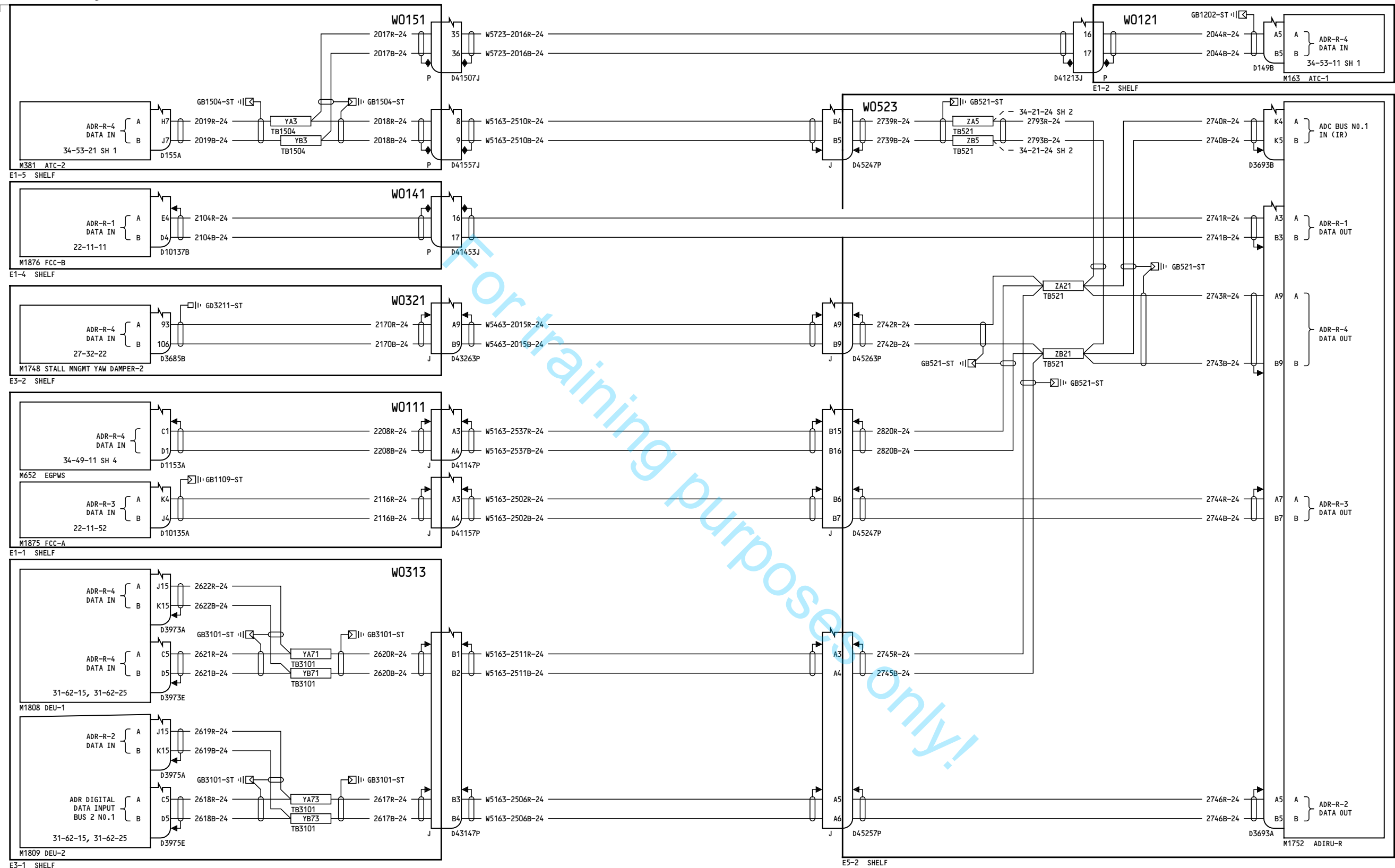
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YN231

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
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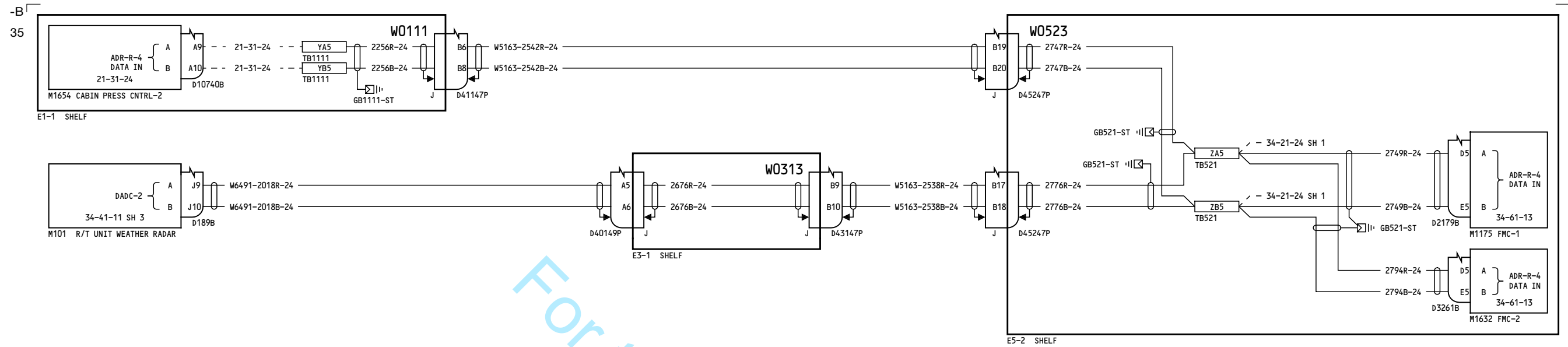
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# 737-700/800 WIRING DIAGRAM MANUAL



YN231

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REFERENCE SYSTEM (ADIRS)  
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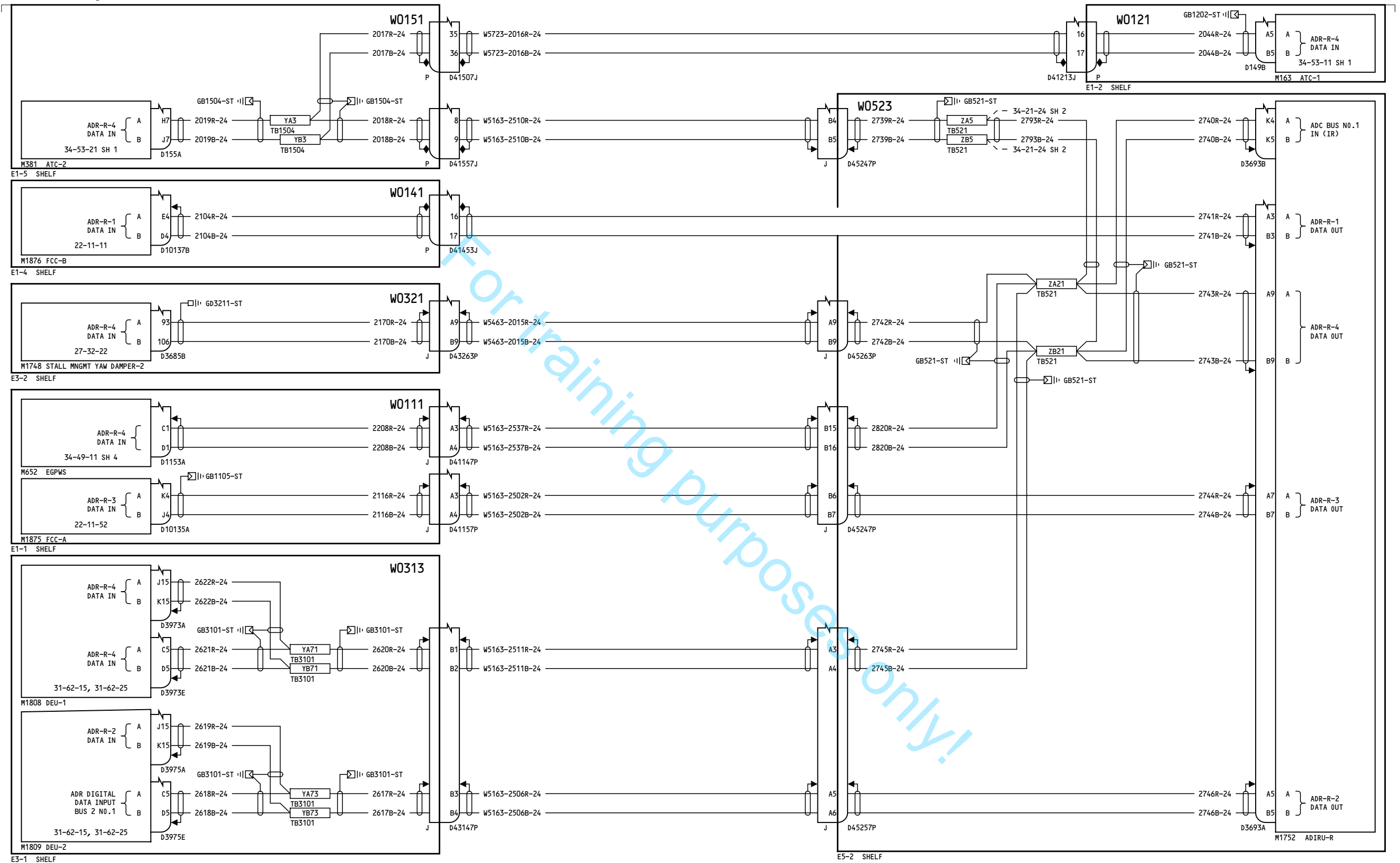
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YN232-YN235

**AIR DATA INERTIAL  
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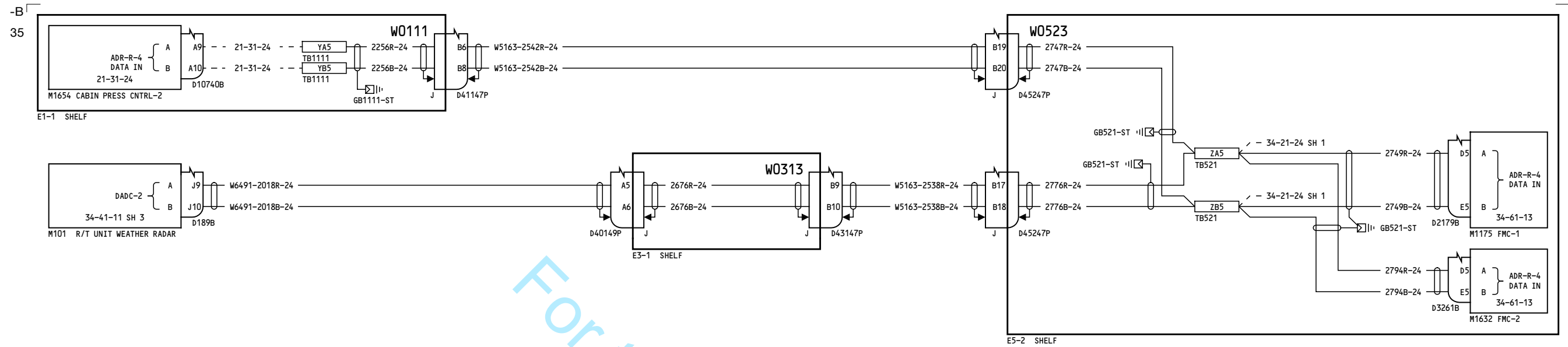
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# 737-700/800 WIRING DIAGRAM MANUAL



YN232-YN235

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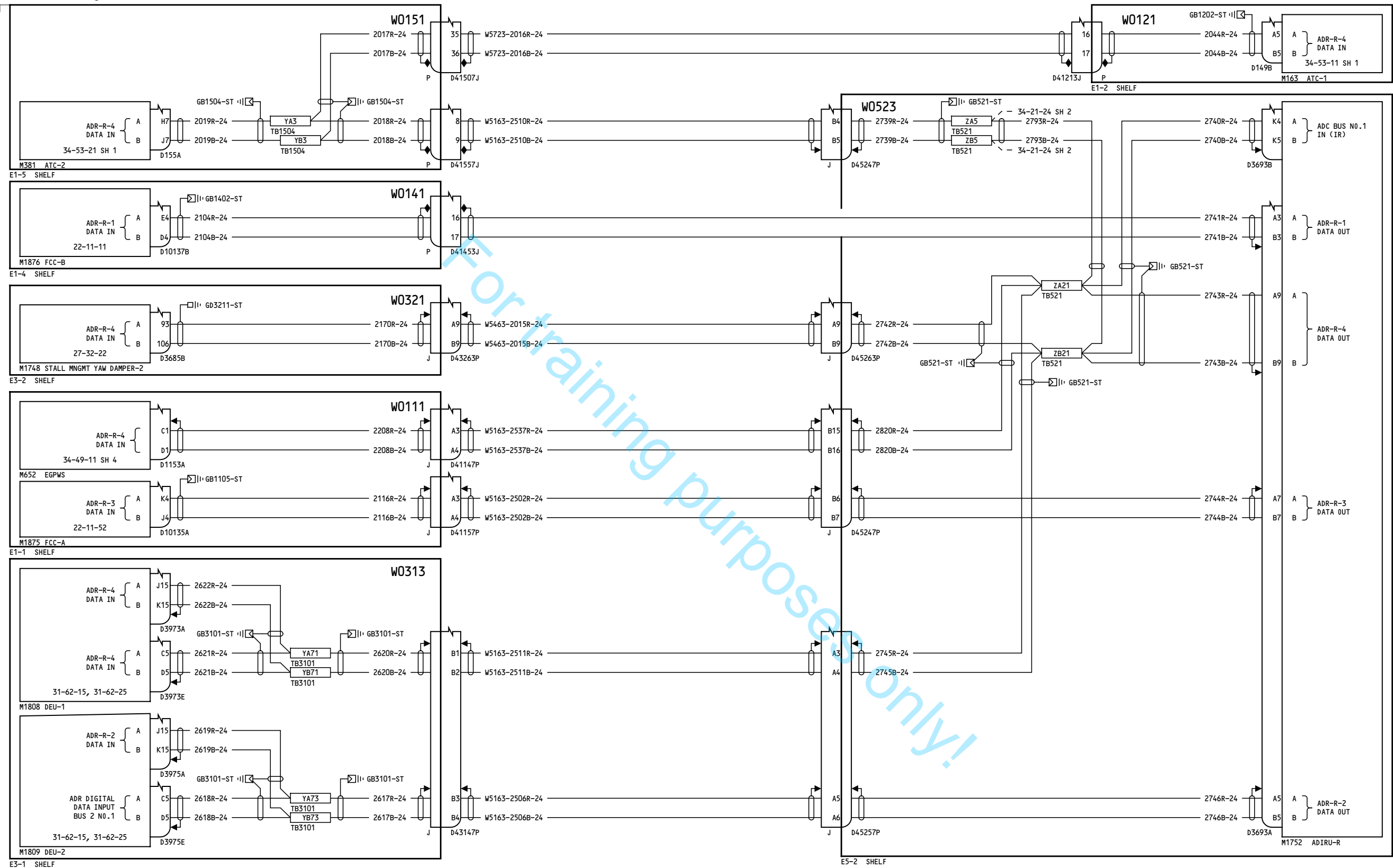
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YN236-YR328

**AIR DATA INERTIAL  
REFERENCE SYSTEM (ADIRS)  
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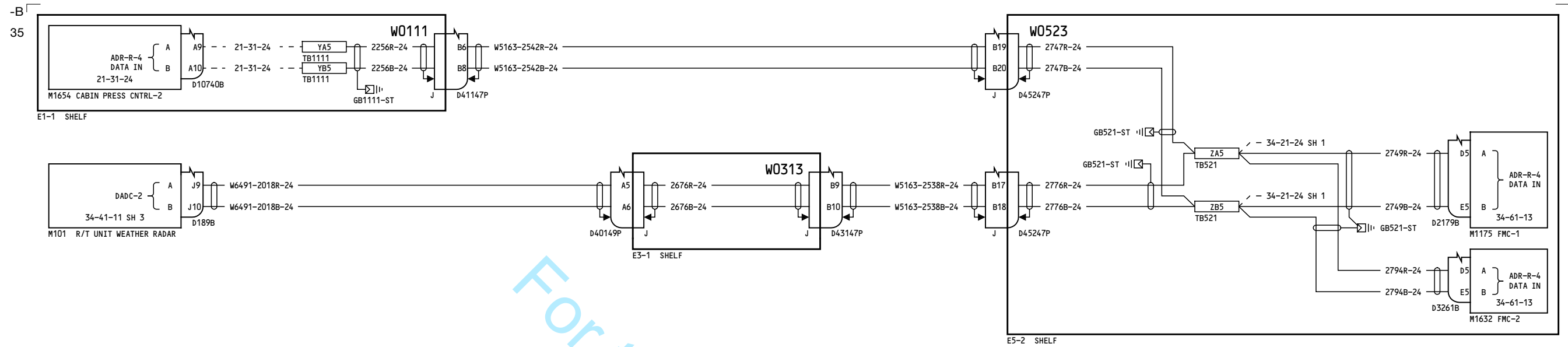
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# 737-700/800 WIRING DIAGRAM MANUAL



YN236-YR328

## AIR DATA INERTIAL REFERENCE SYSTEM (ADIRS) - RIGHT ADR OUTPUTS

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For training purposes only!

ALL

RMI BEARING AND HEADING

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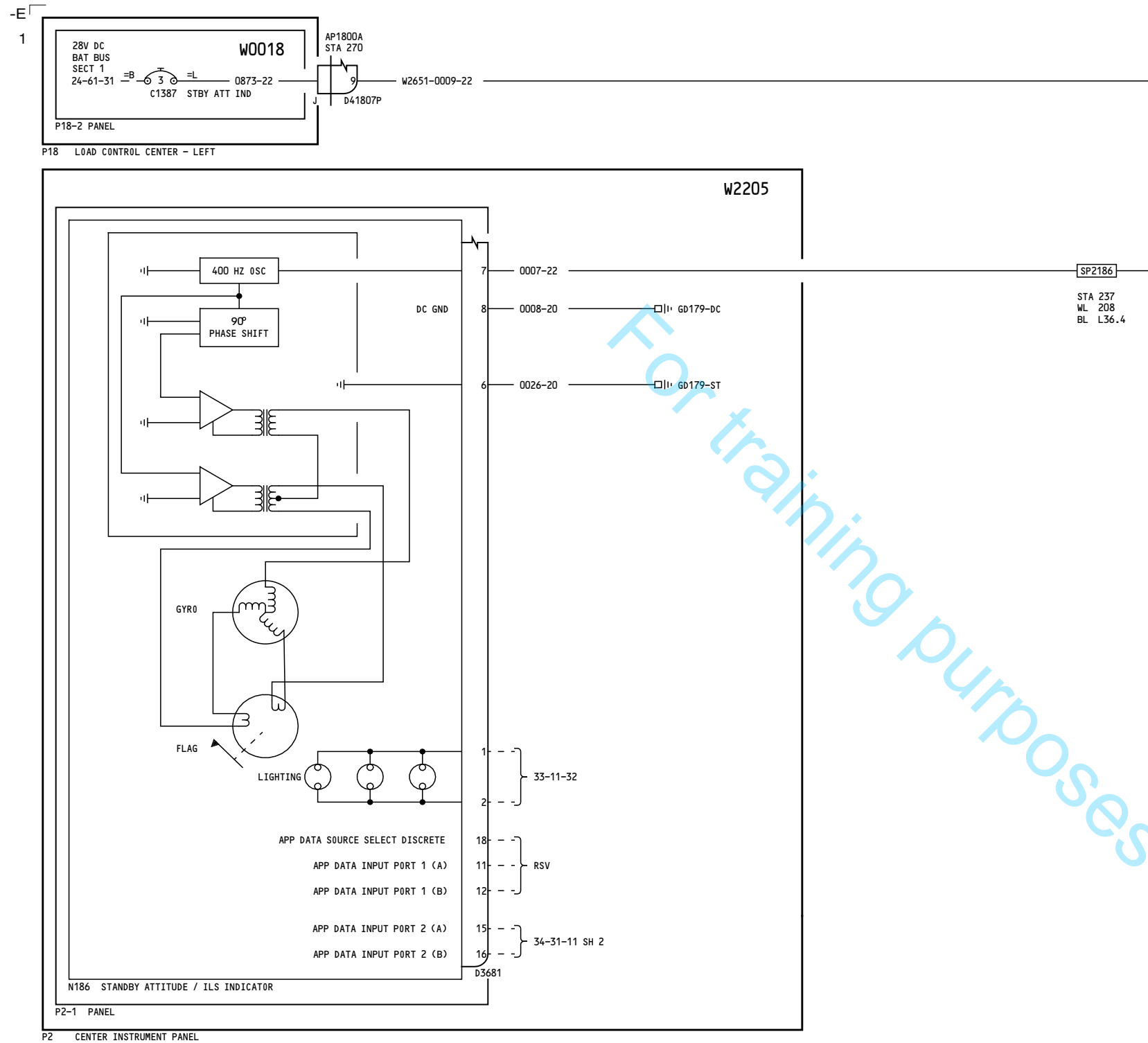
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YC051-YD157

**STANDBY ATTITUDE - ILS**

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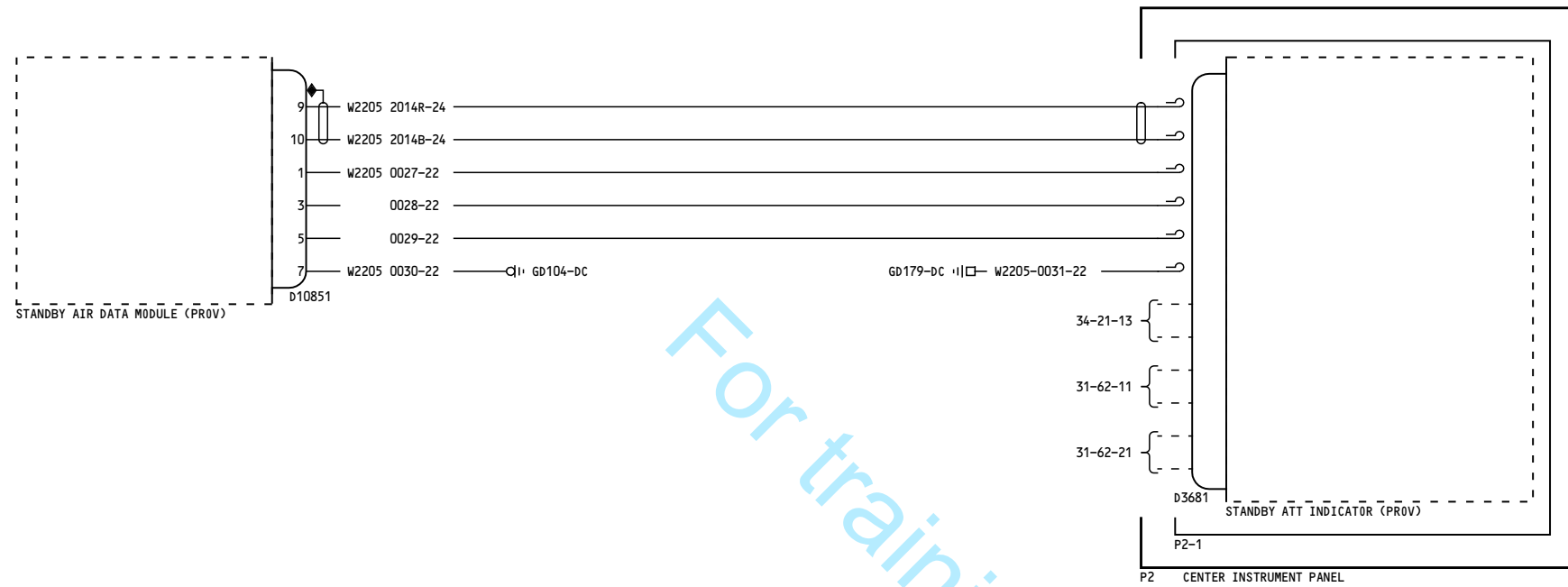
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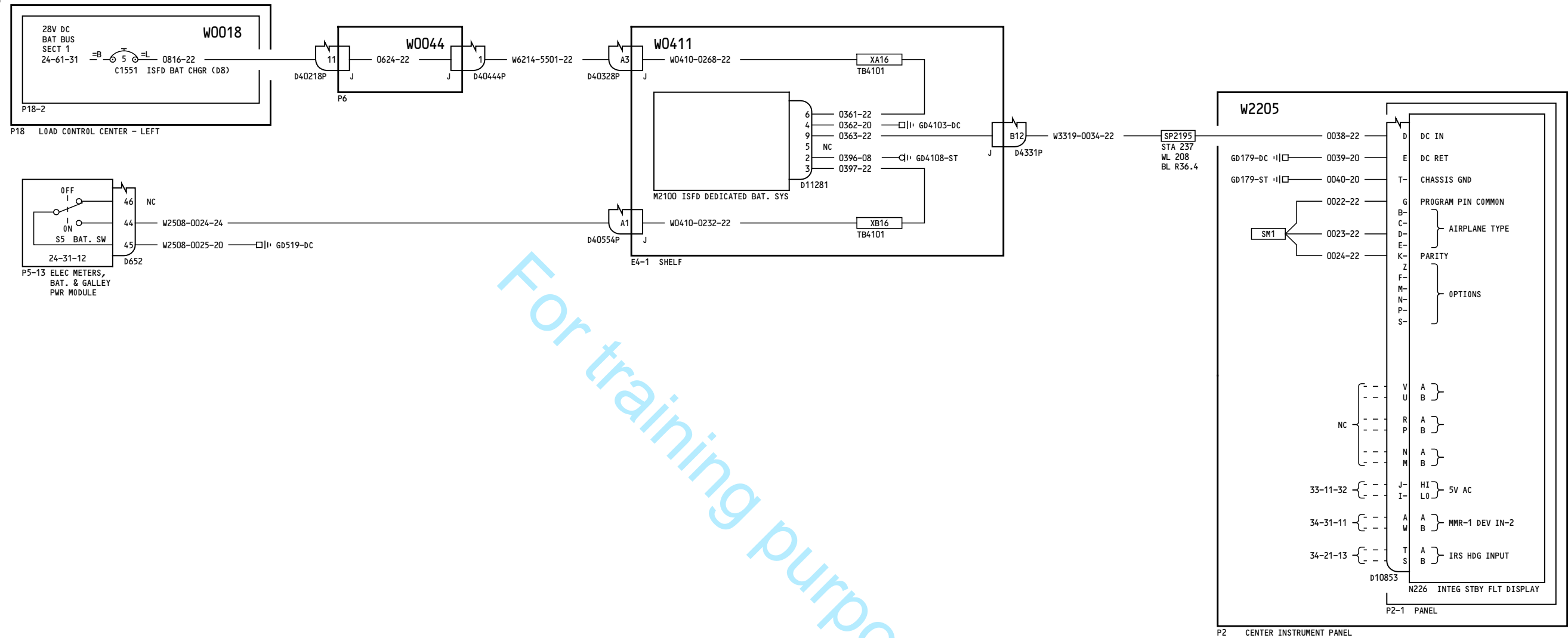
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YD158

INTEGRATED STANDBY FLIGHT  
DISPLAY SYSTEM

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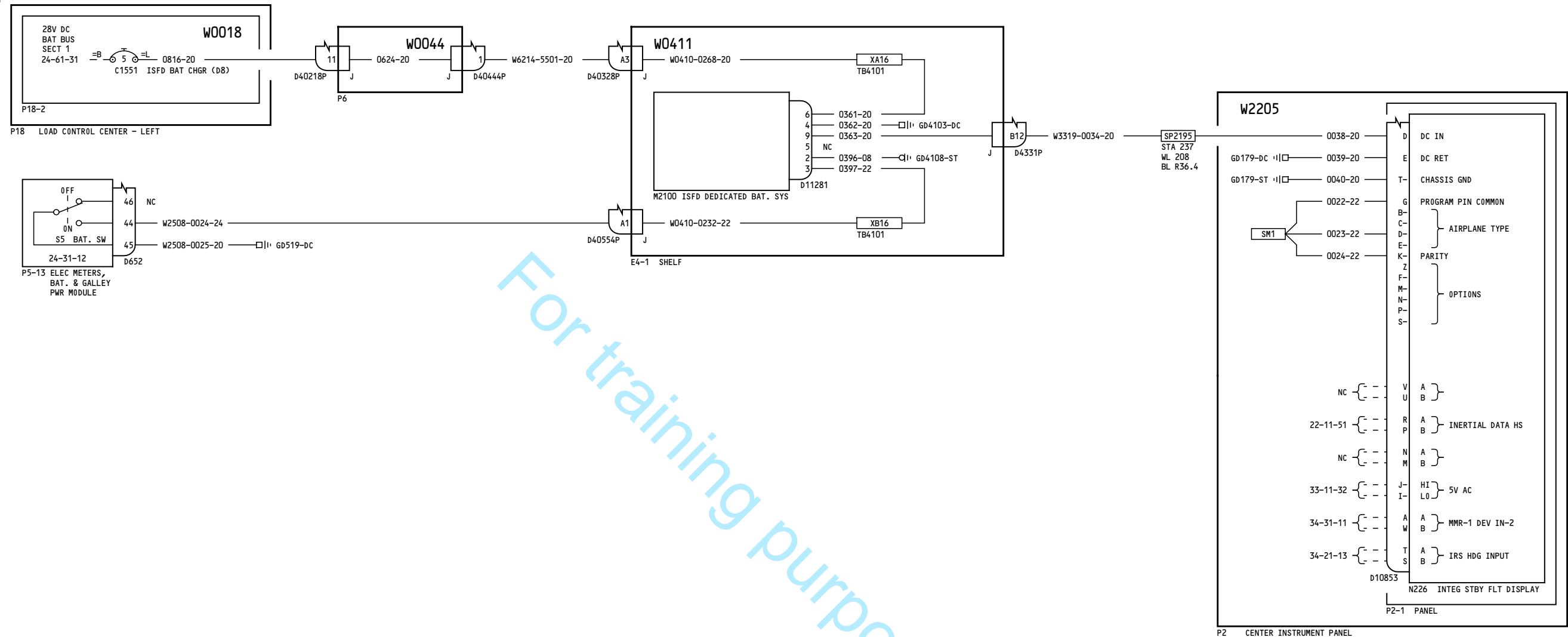
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INTEGRATED STANDBY FLIGHT  
DISPLAY SYSTEM

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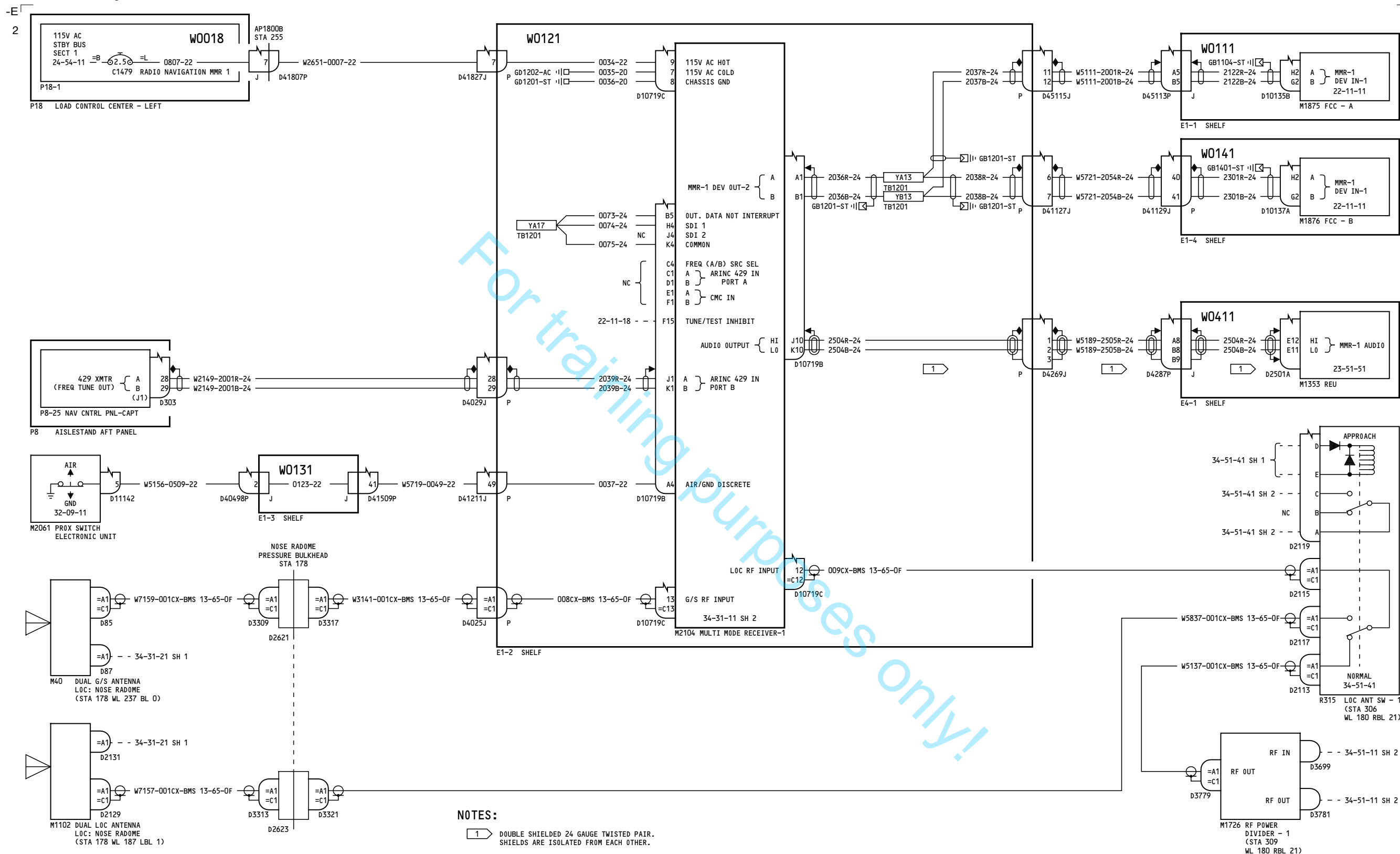
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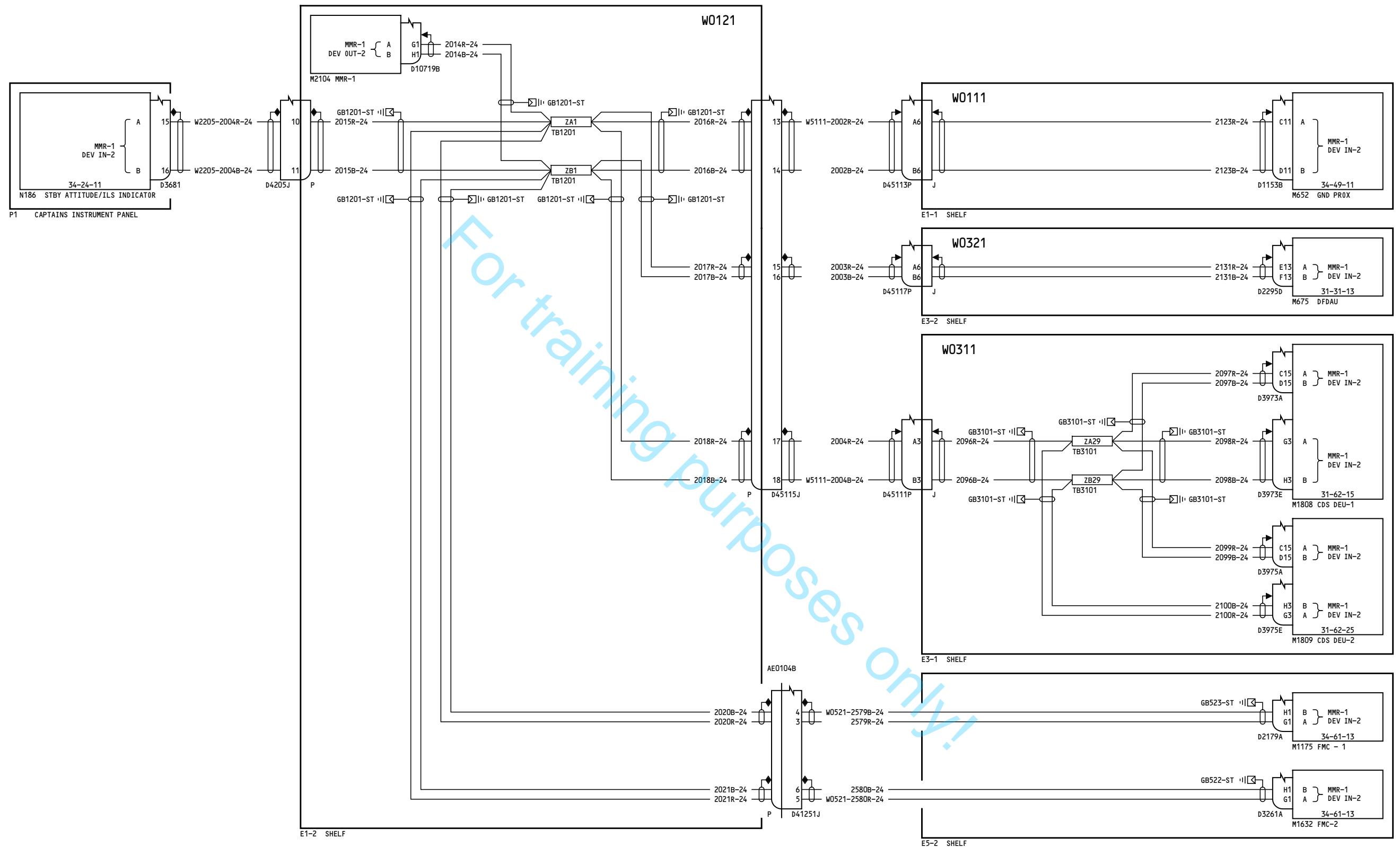
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YC051-YD157

**MMR - ILS NO. 1**

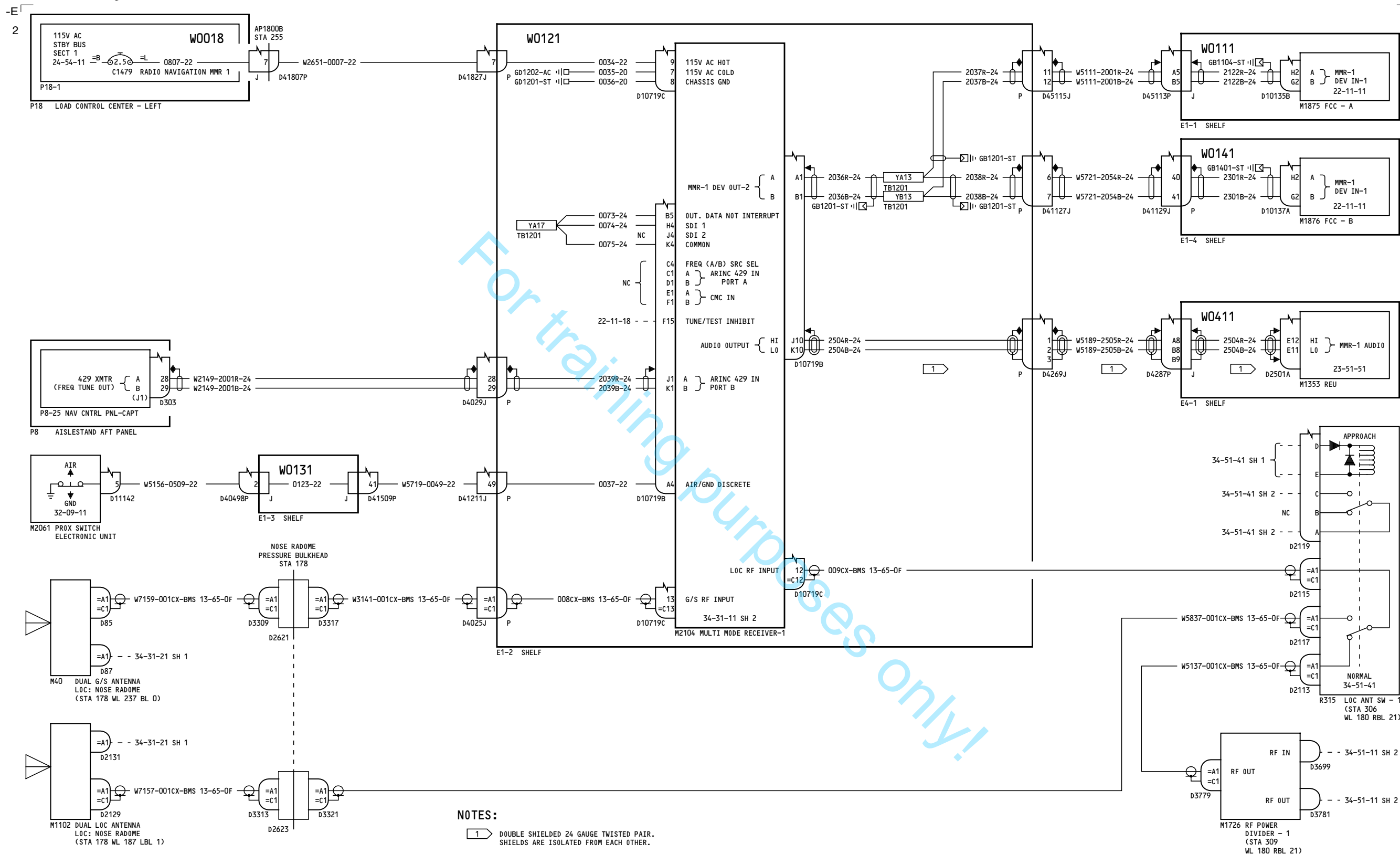
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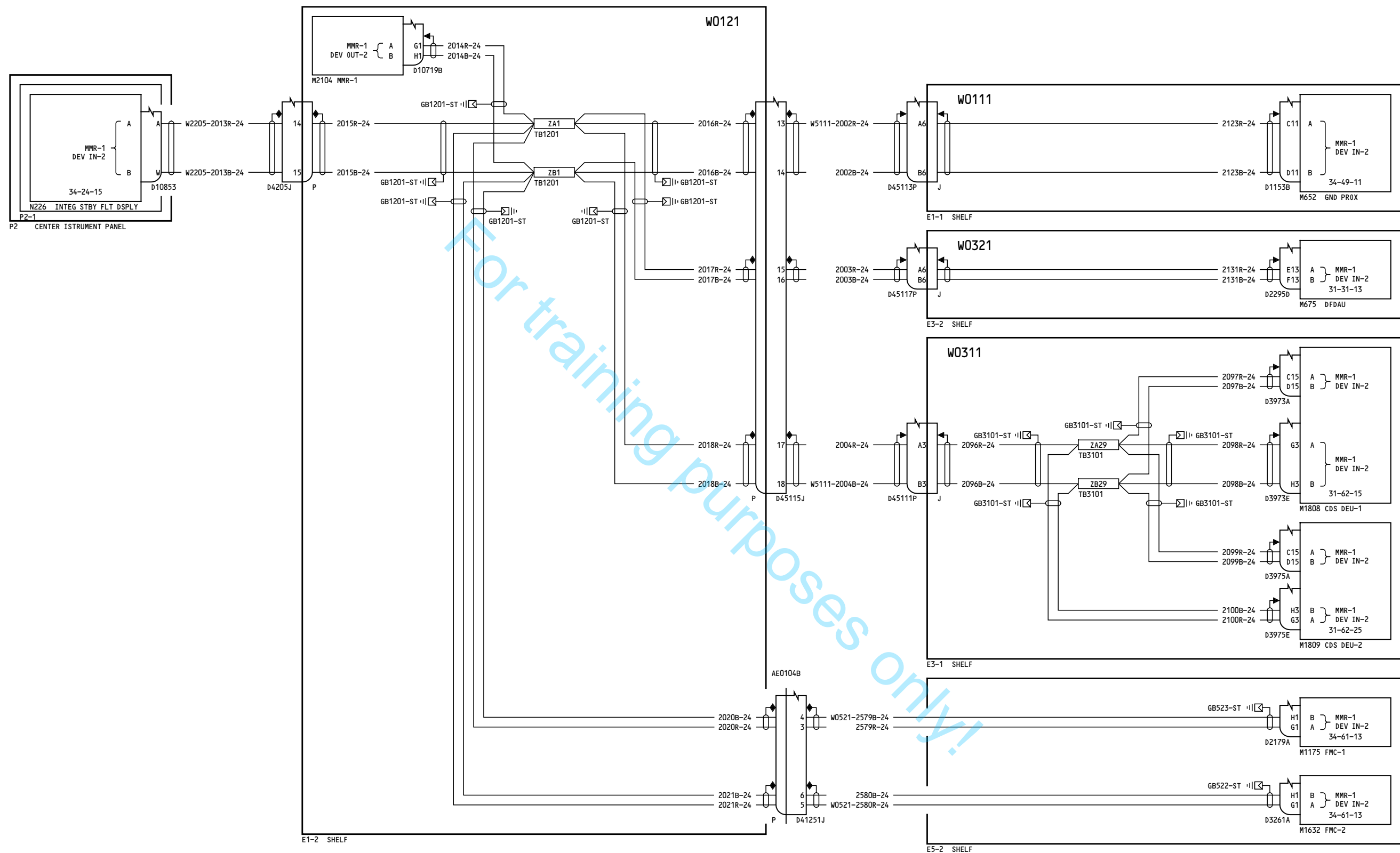
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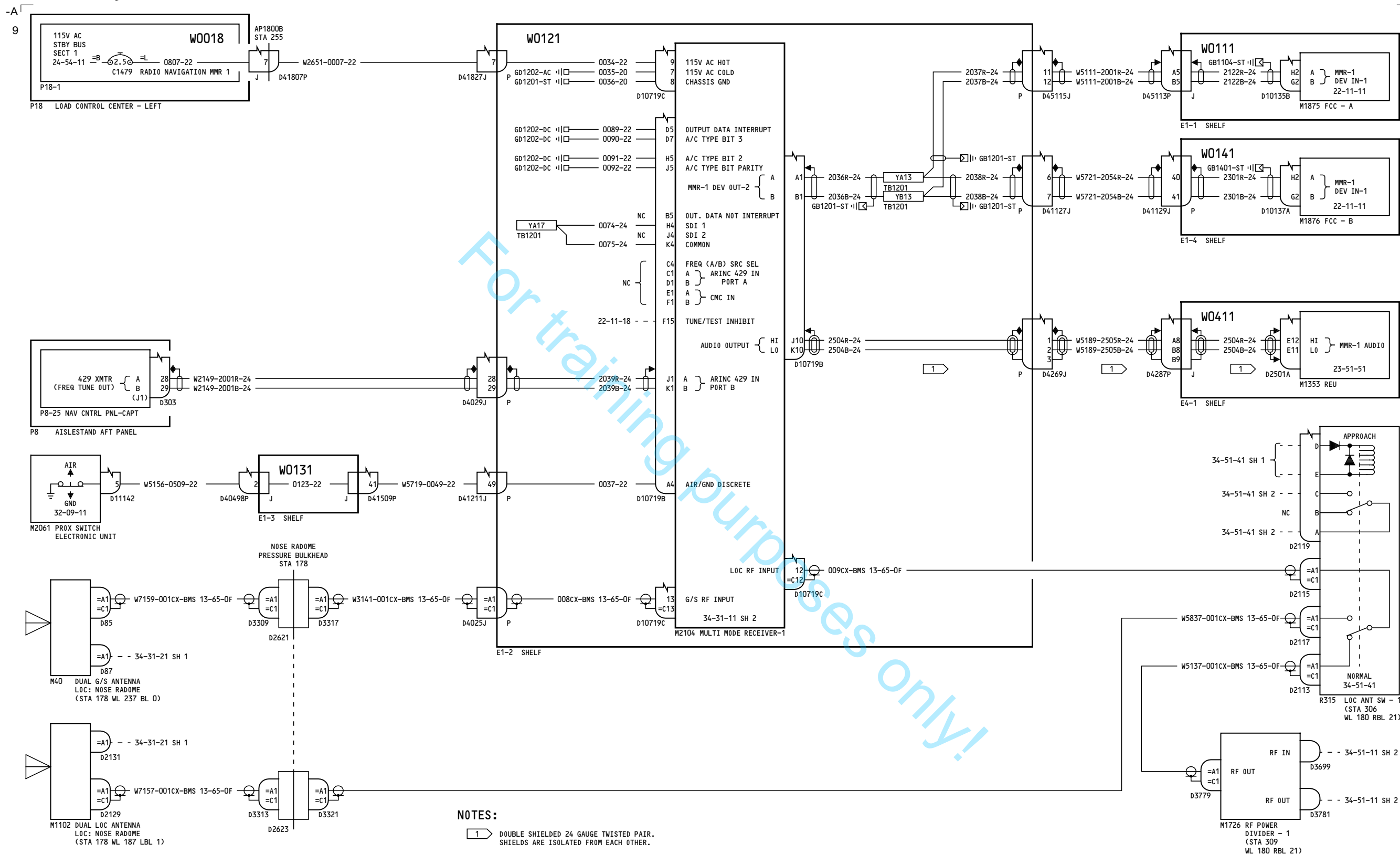
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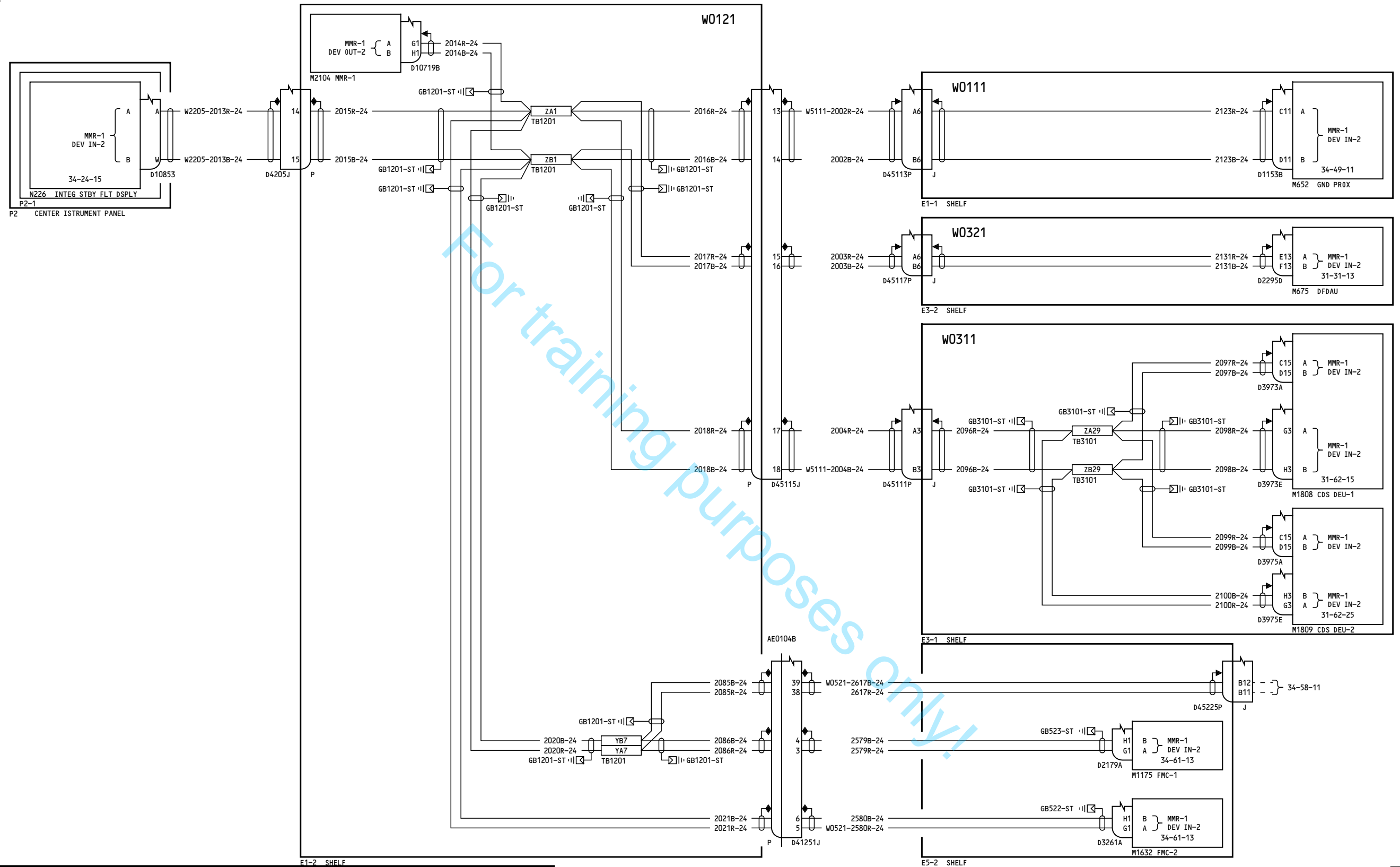
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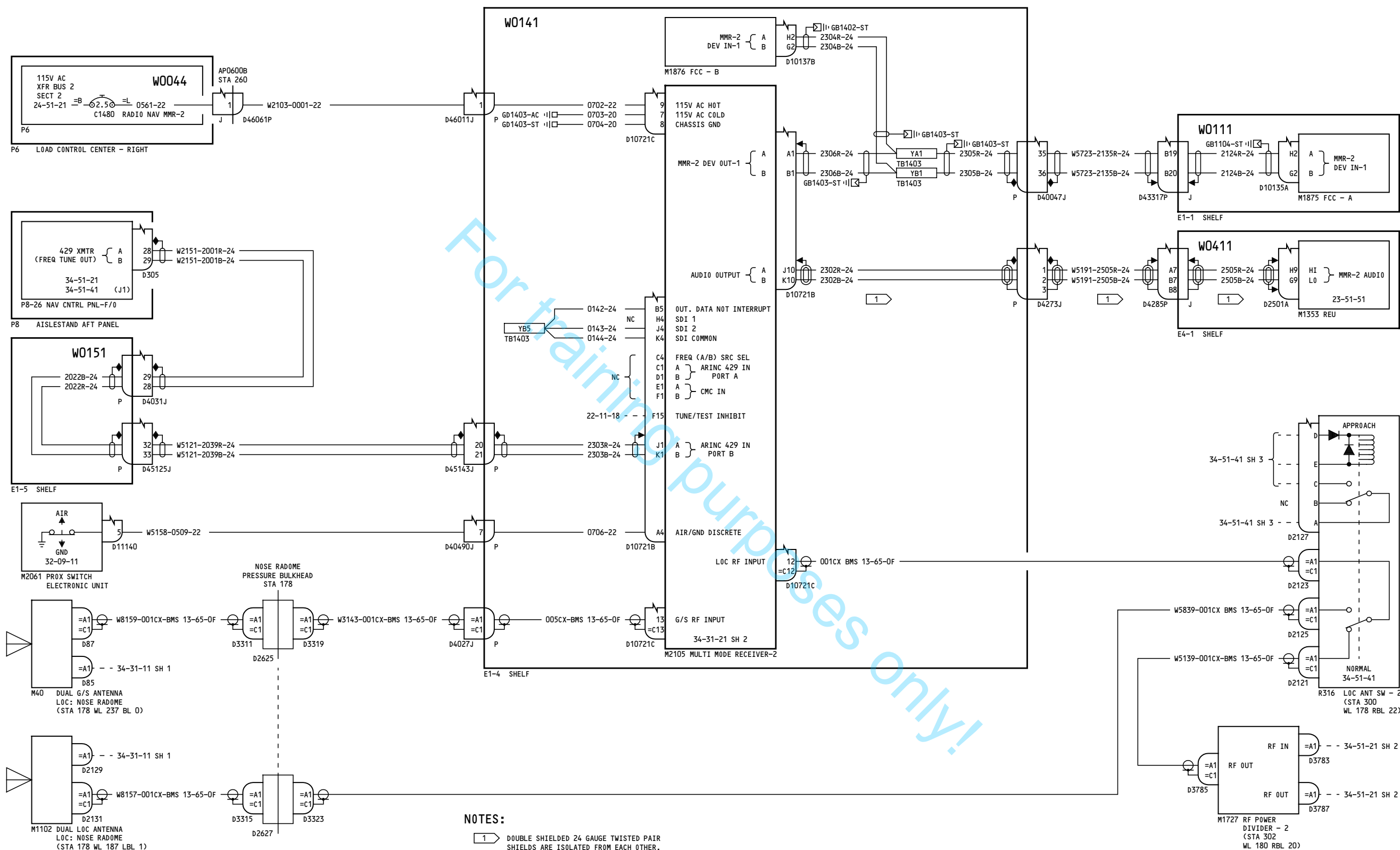
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YC051-YC052

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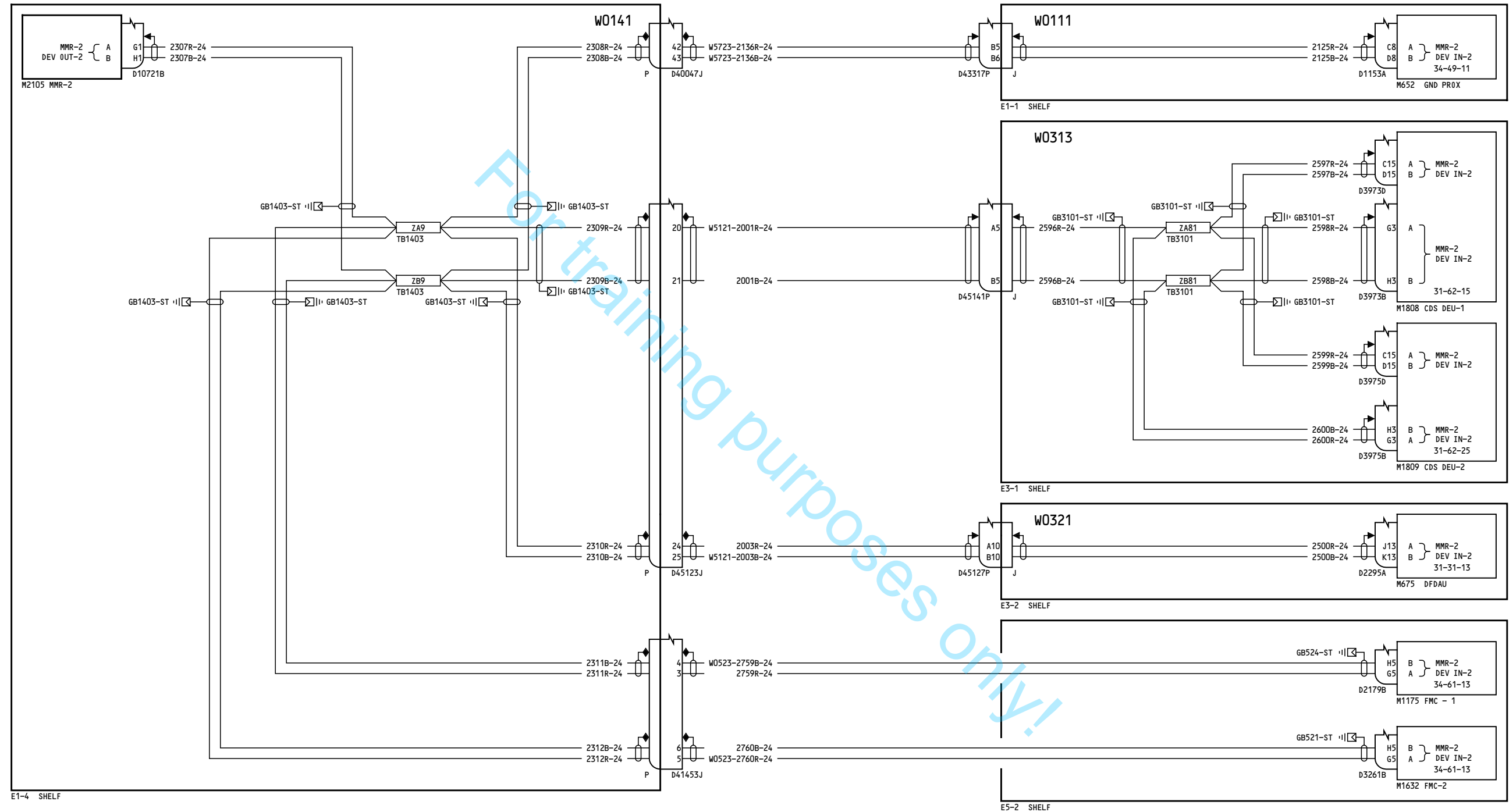
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MMR - ILS NO. 2

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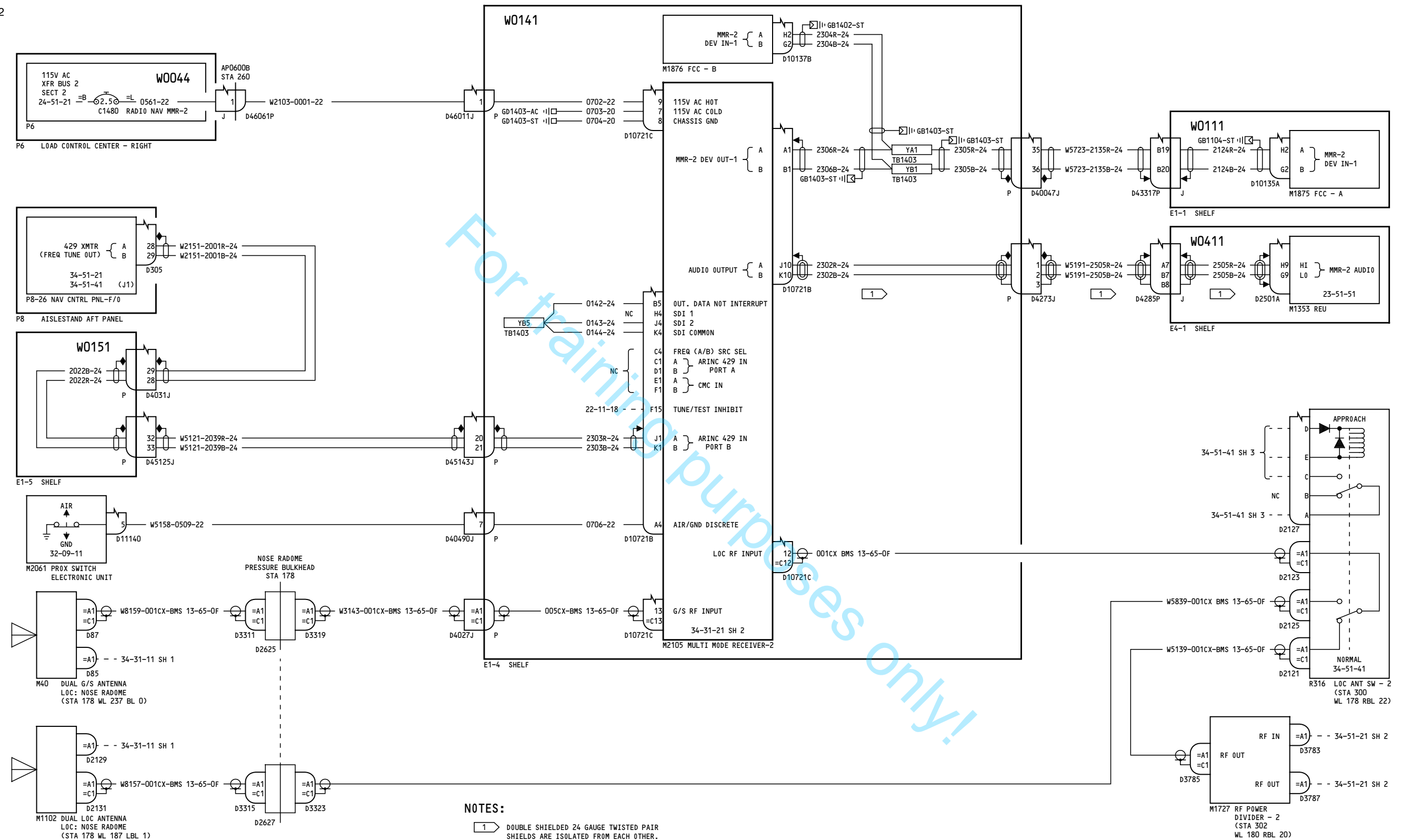
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YC053-YC064

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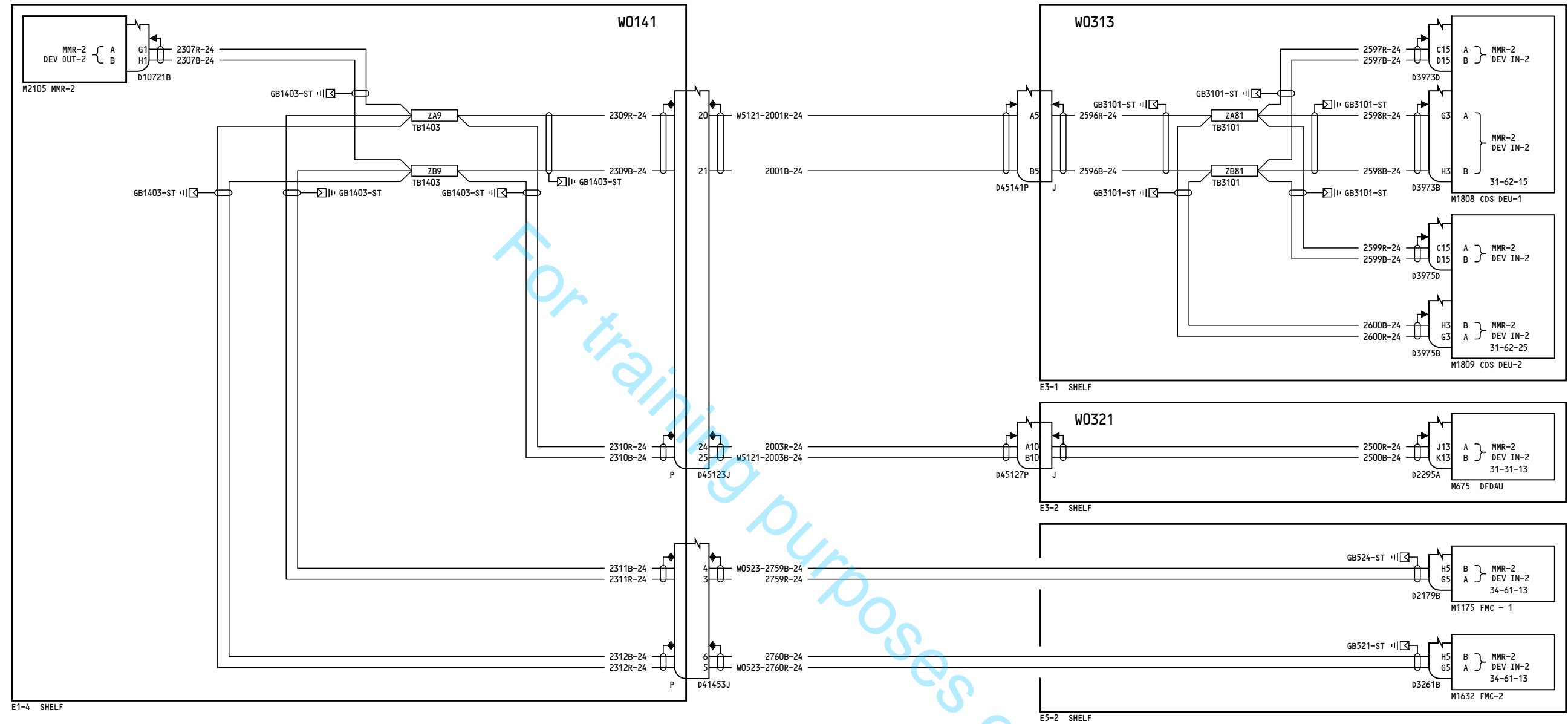
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YC053-YC064

MMR - ILS NO. 2

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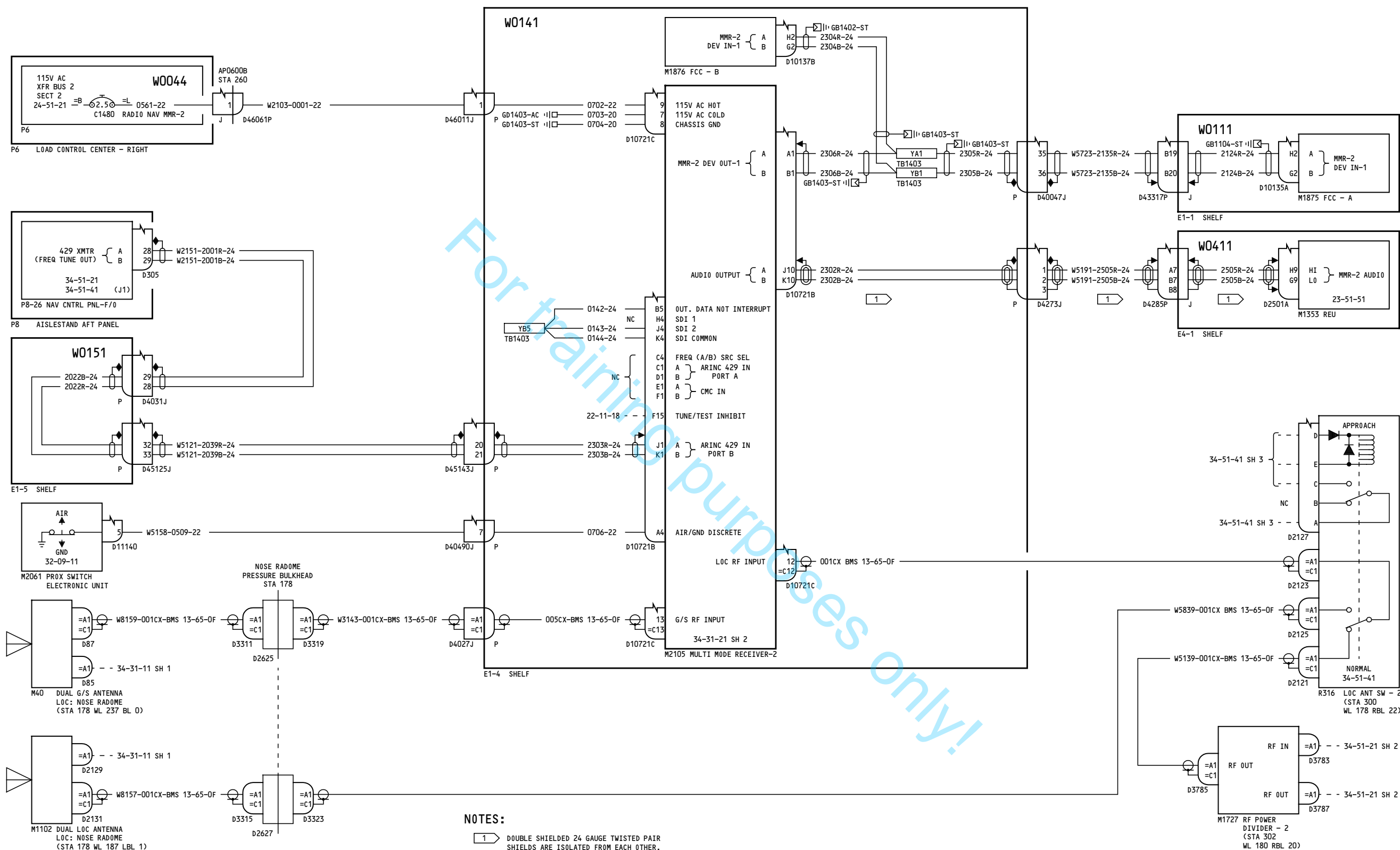
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YC065-YD158

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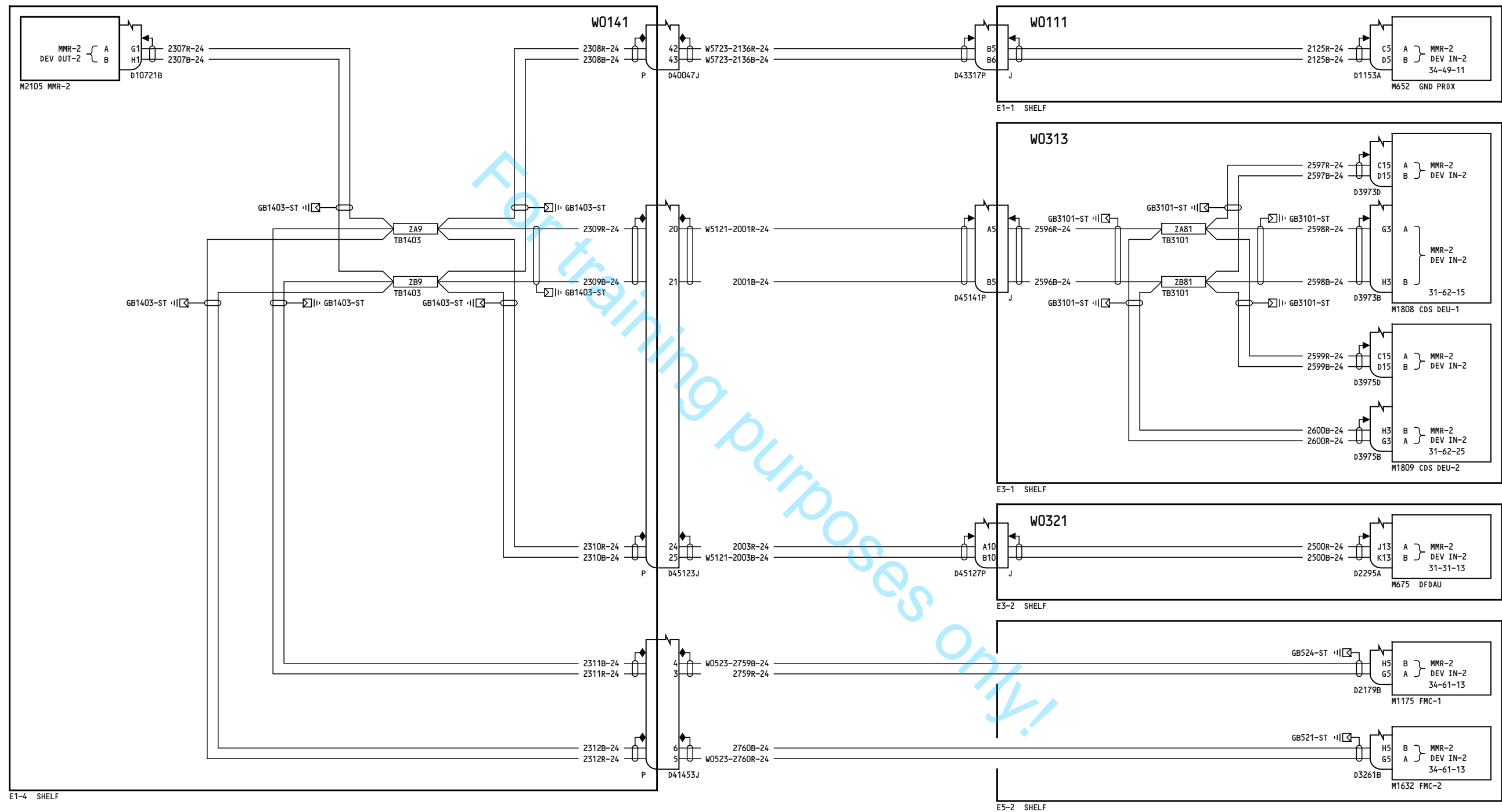
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MMR - ILS NO. 2

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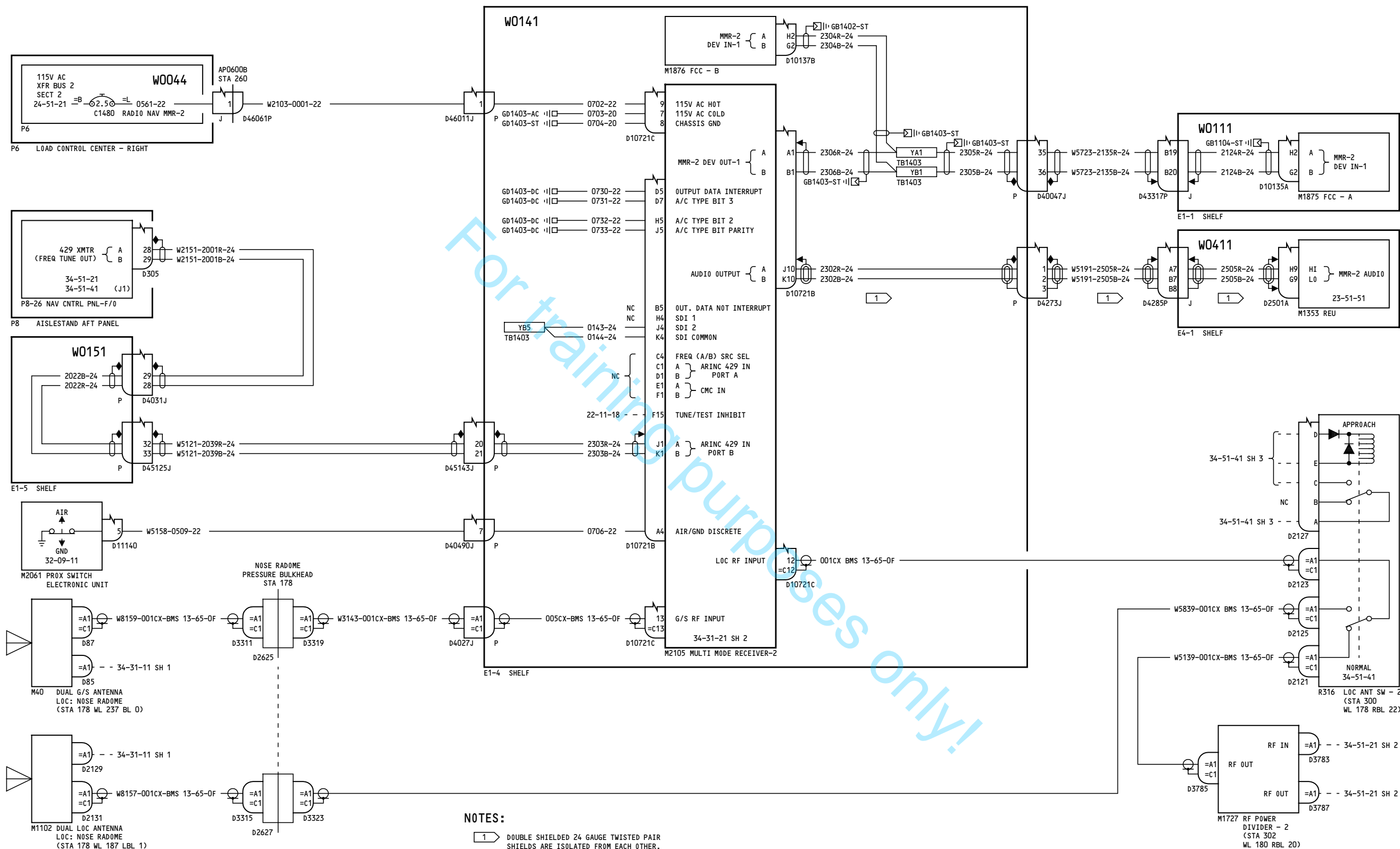
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MMR - ILS NO. 2

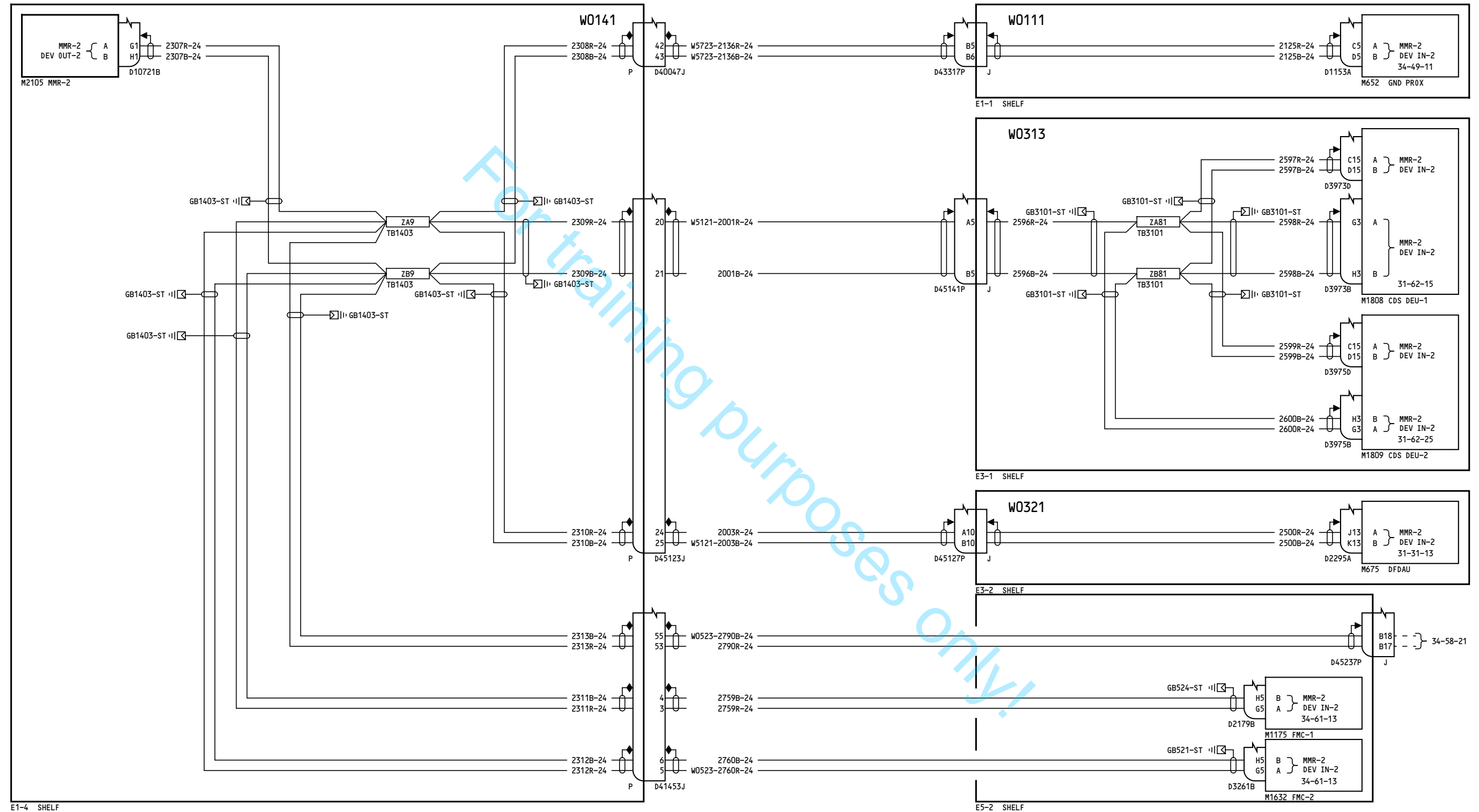
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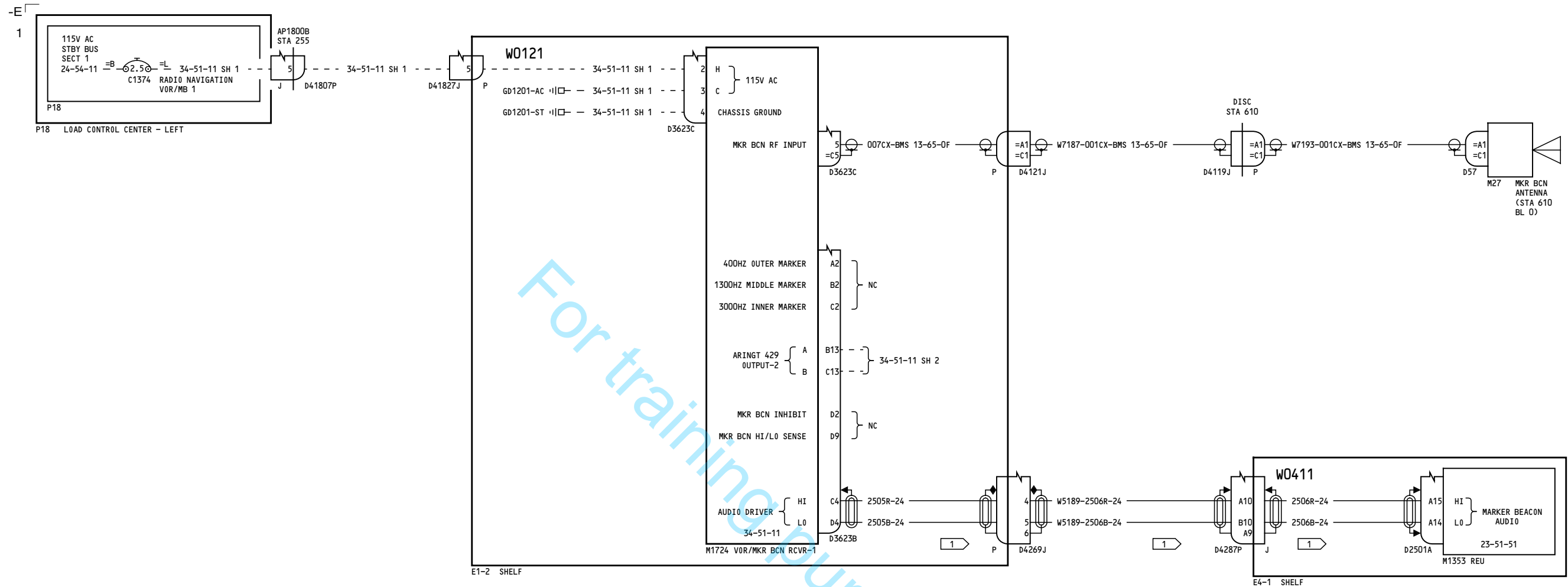
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**NOTES:**

1 DOUBLE SHIELDED 24 GAUGE TWISTED PAIR.  
SHIELDS ARE ISOLATED FROM EACH OTHER.

ALL	MARKER BEACON
	D280A108

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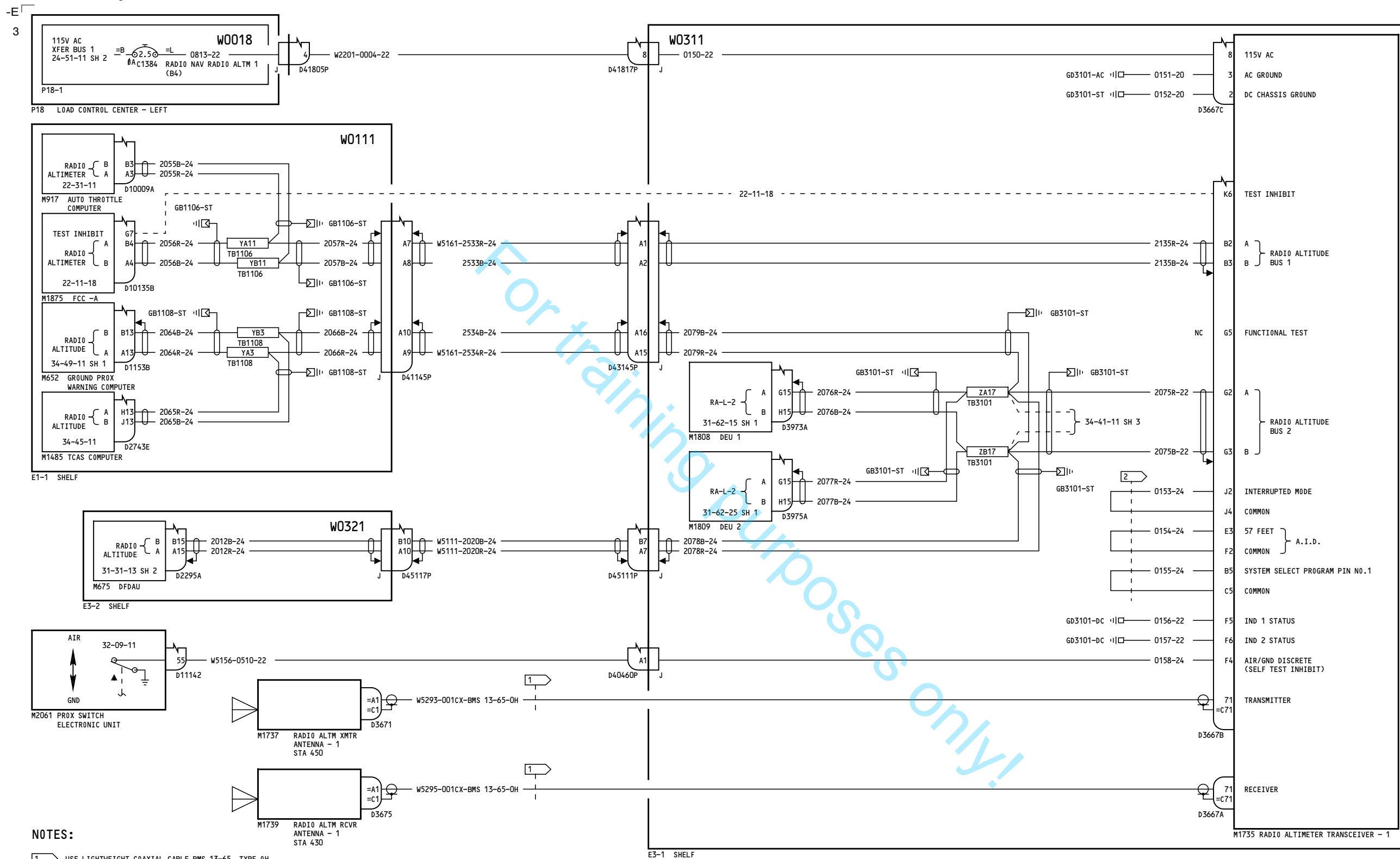
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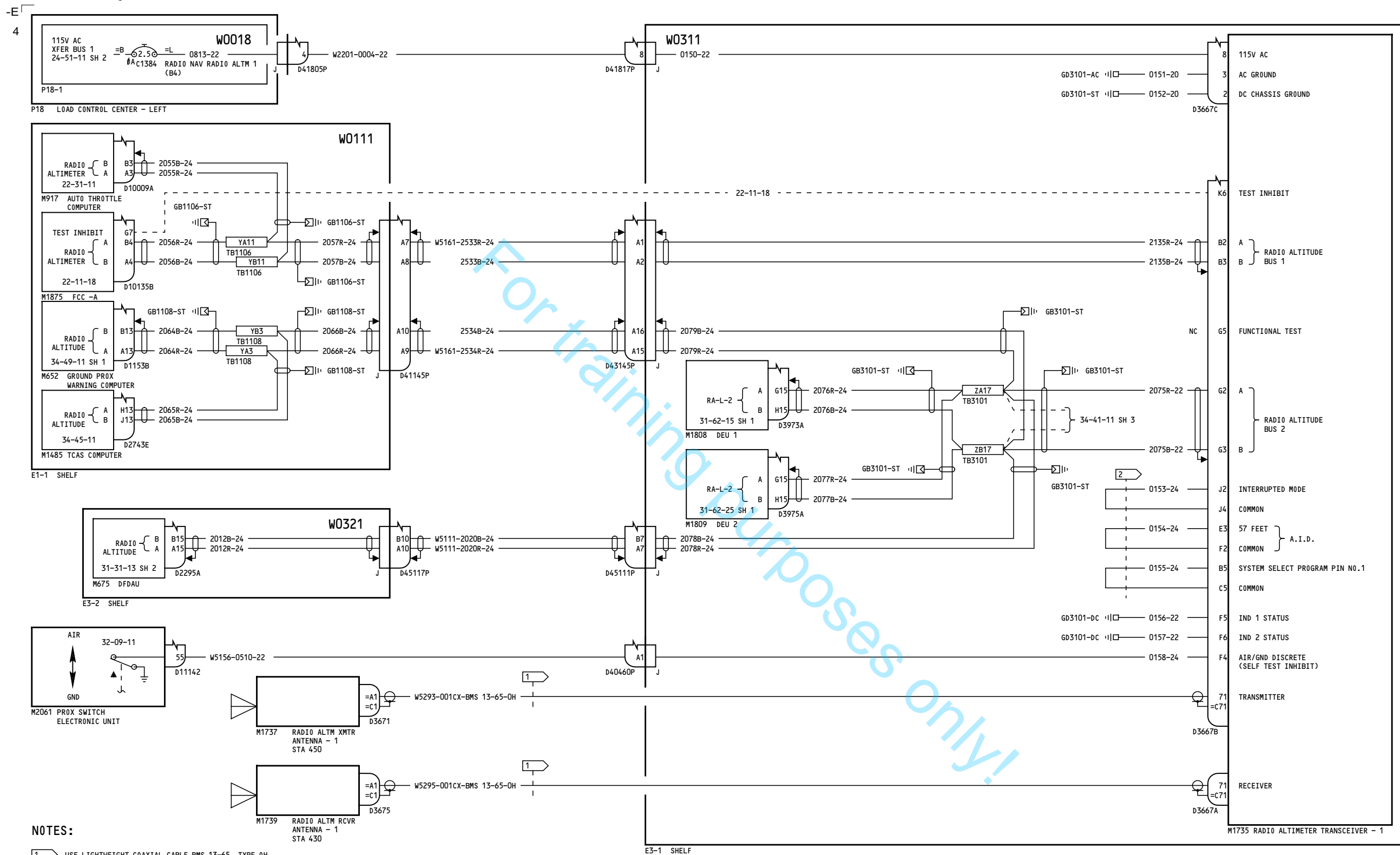
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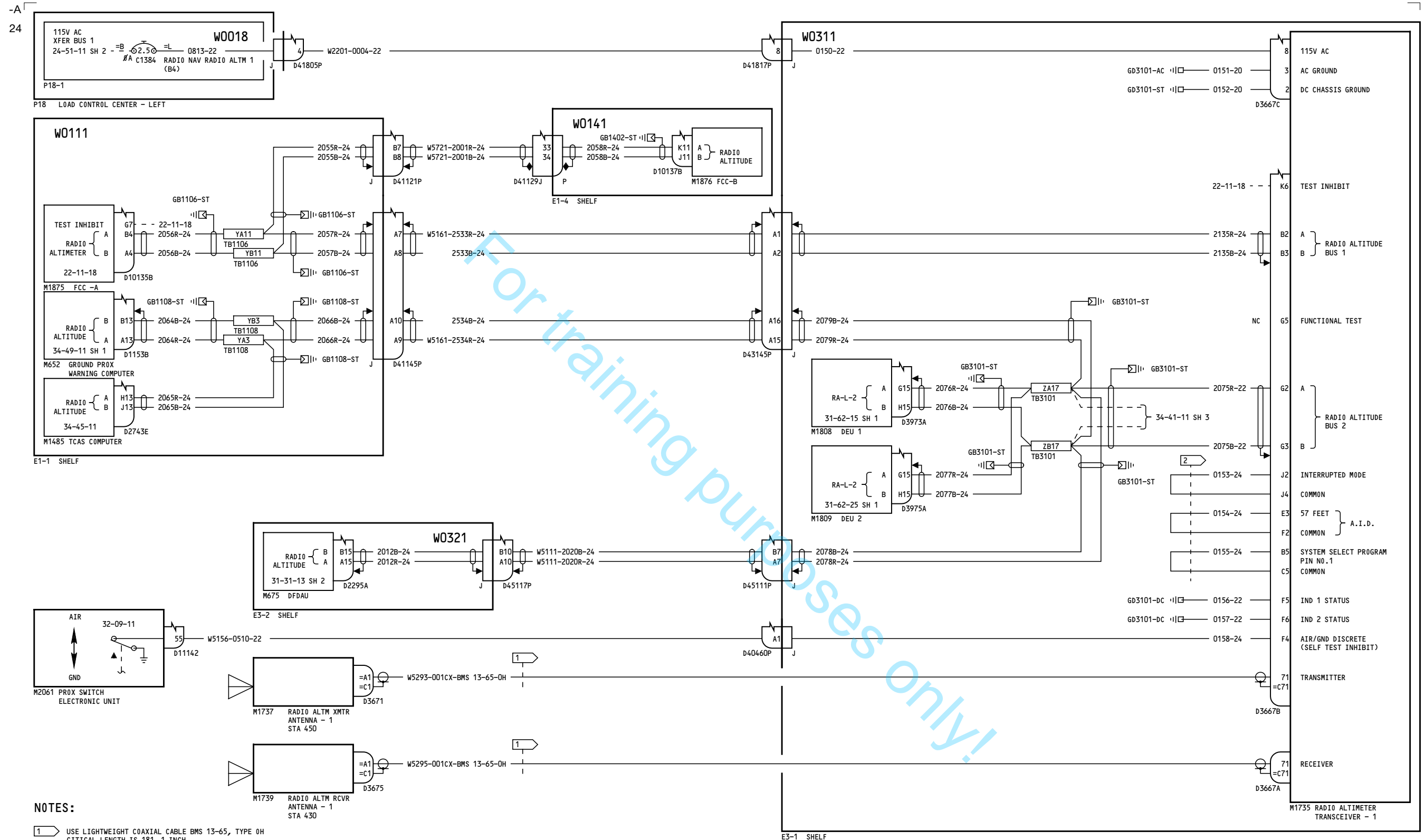
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RADIO ALTIMETER SYSTEM -1

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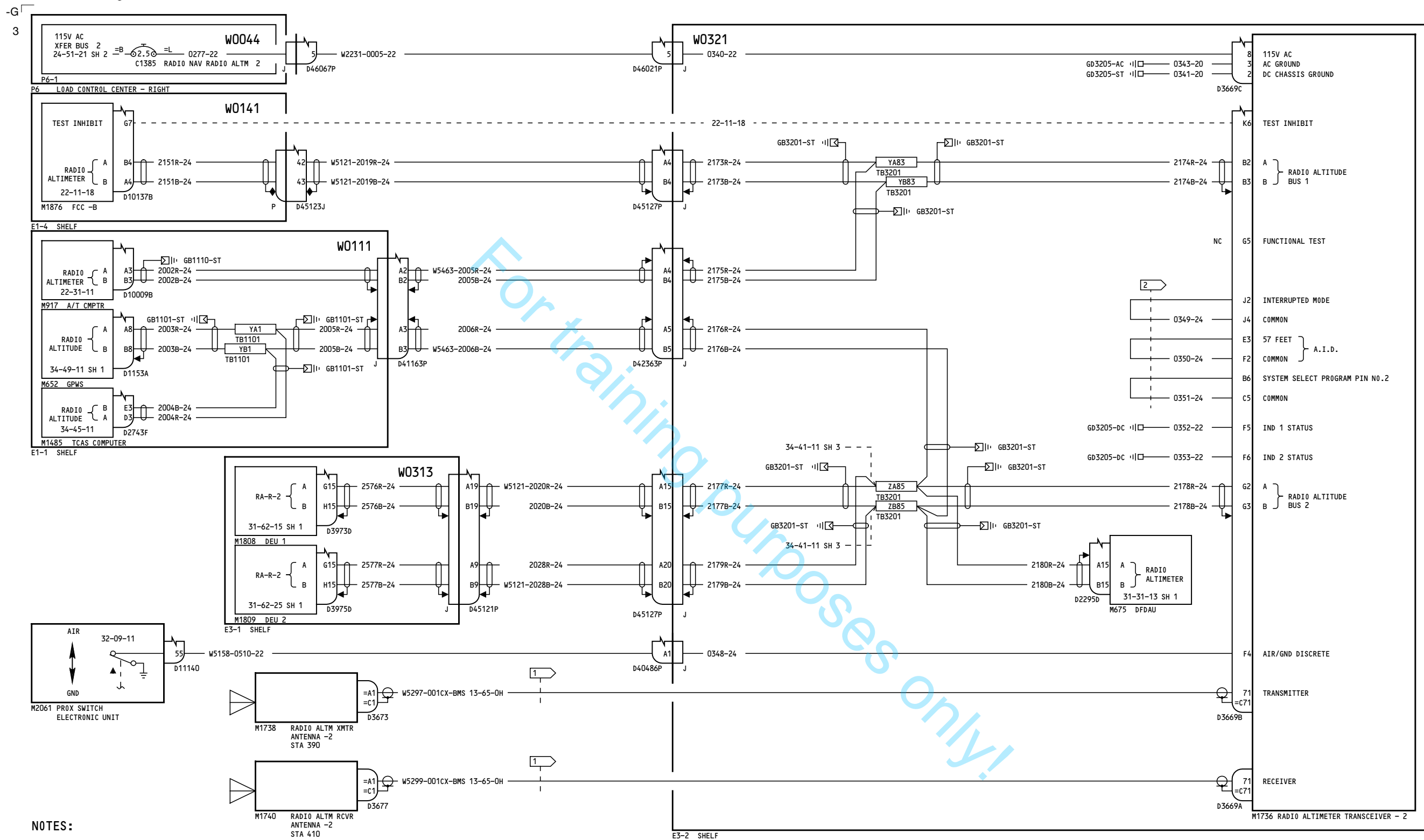
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**RADIO ALTIMETER SYSTEM -2**

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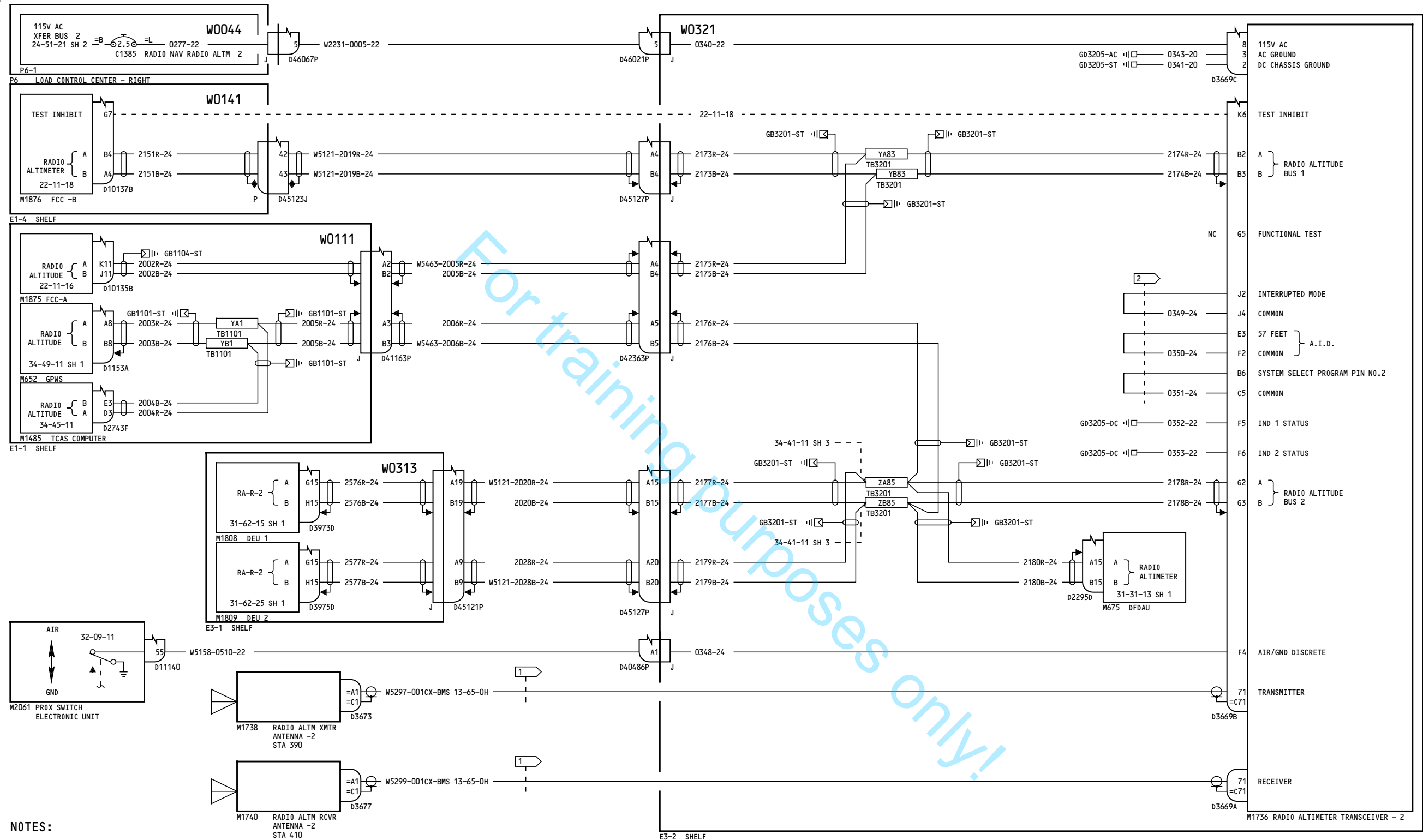
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RADIO ALTIMETER SYSTEM -2

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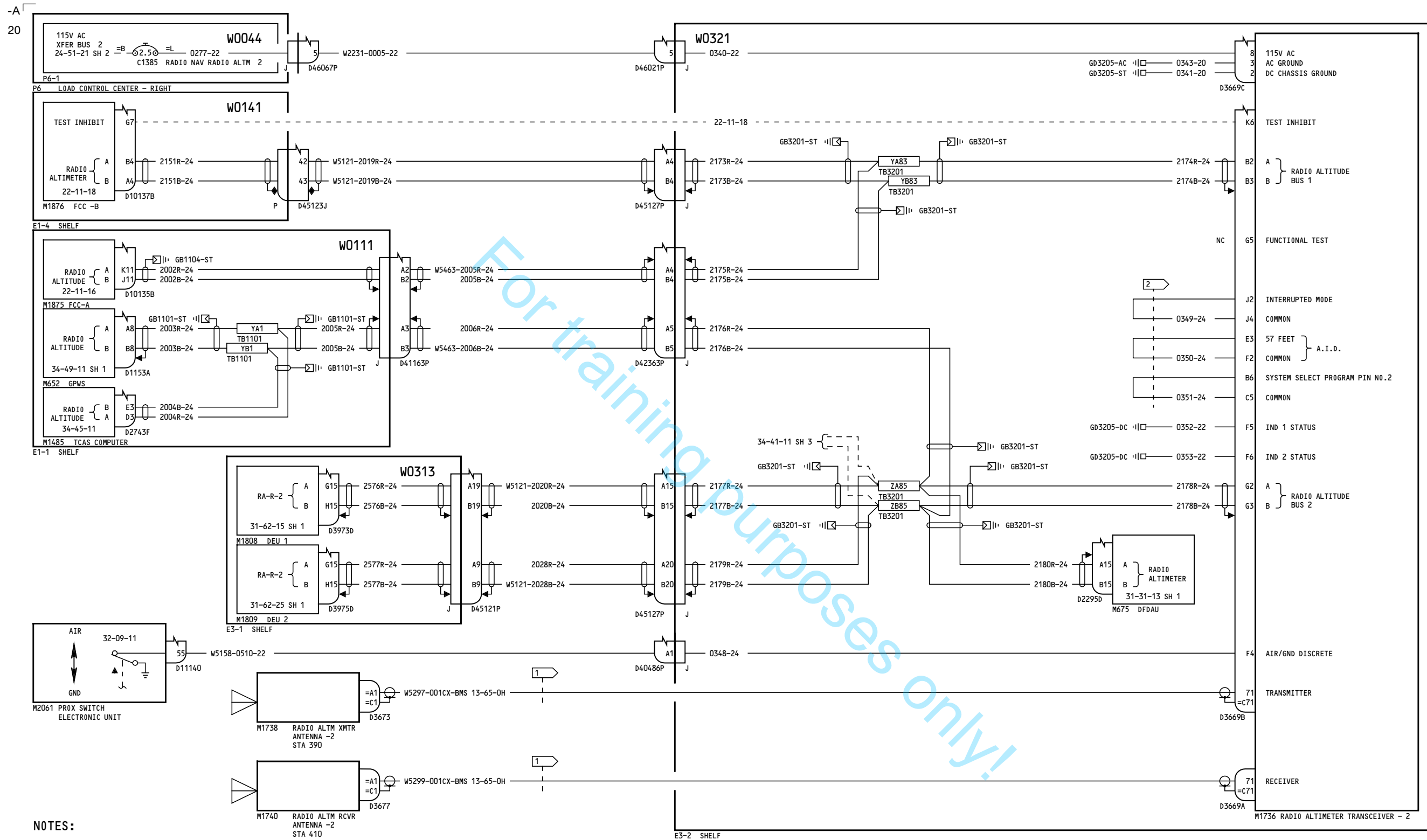
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**RADIO ALTIMETER SYSTEM -2**

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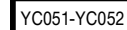
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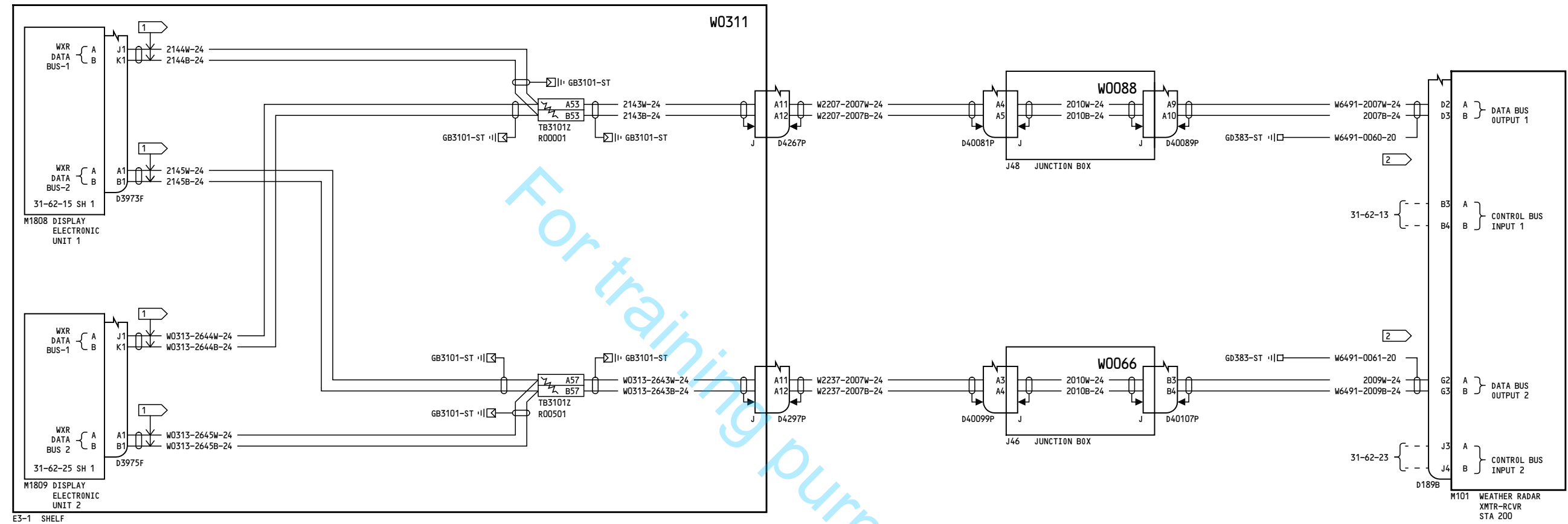


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NOTES:

- 1 STUB LINE 6 INCHES ~~70 OHMS~~.
- 2 GROUND WIRE LESS THAN OR EQUAL TO 18 INCHES.

YC051-YC052

## WEATHER RADAR

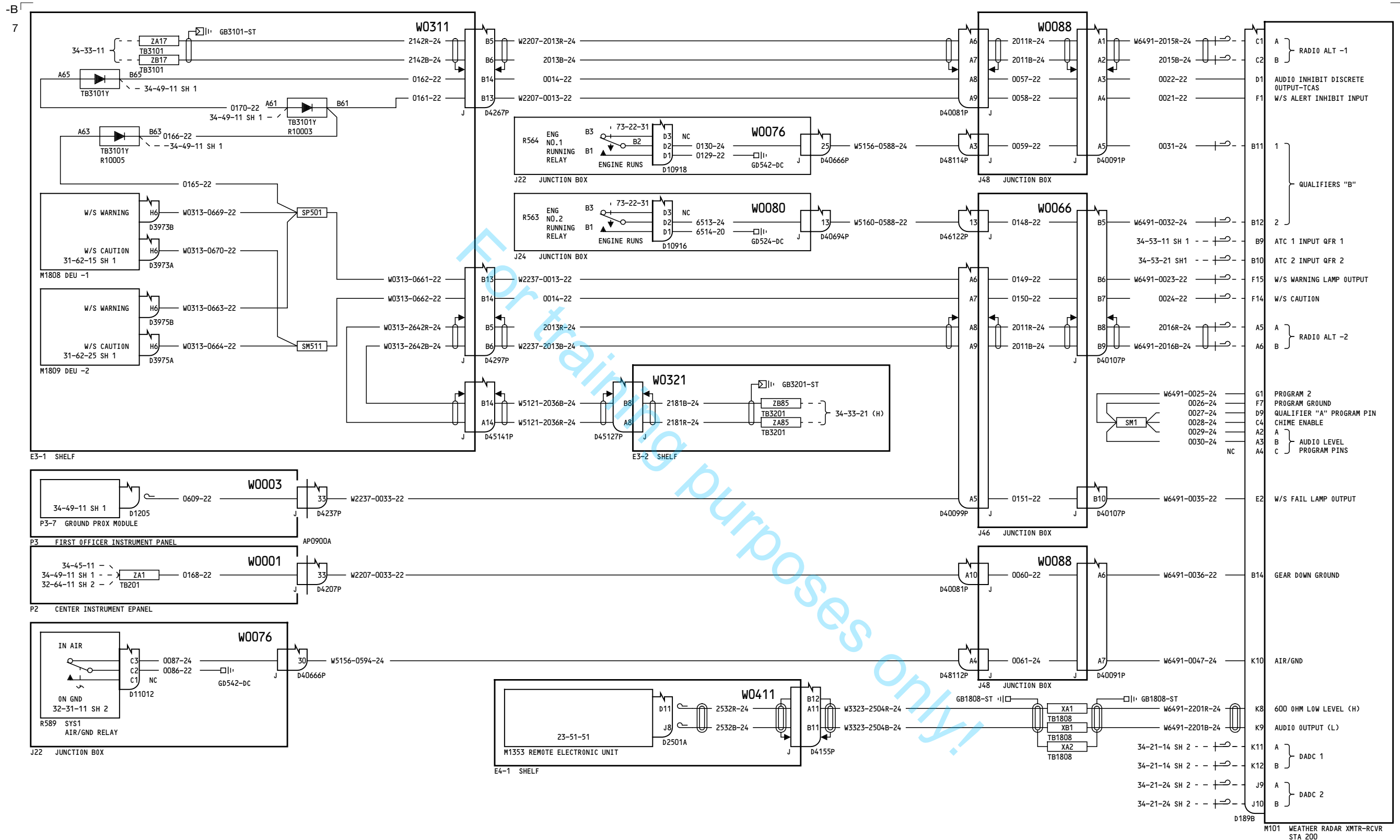
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WEATHER RADAR

D280A108

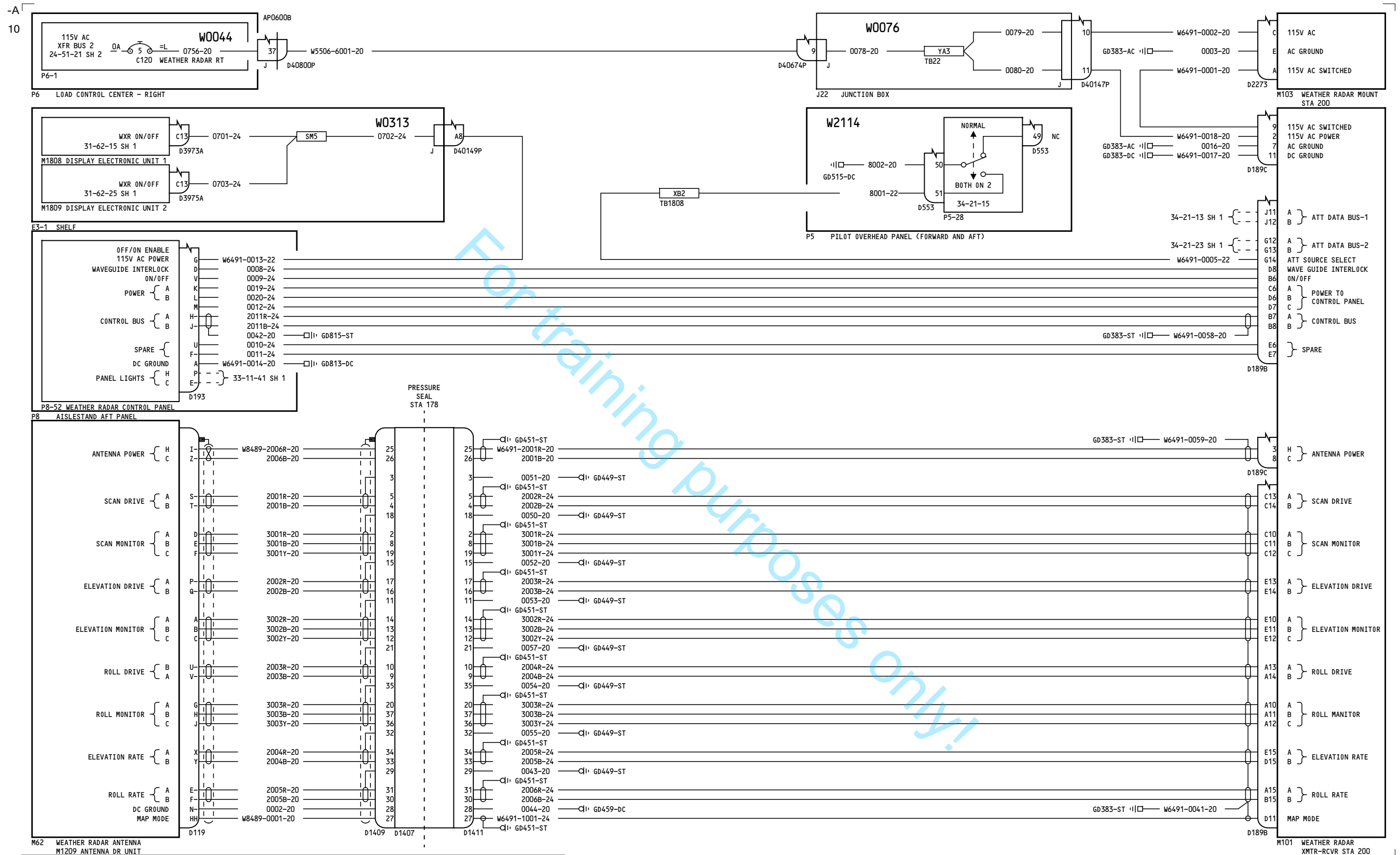
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YC053-YC058

WEATHER RADAR

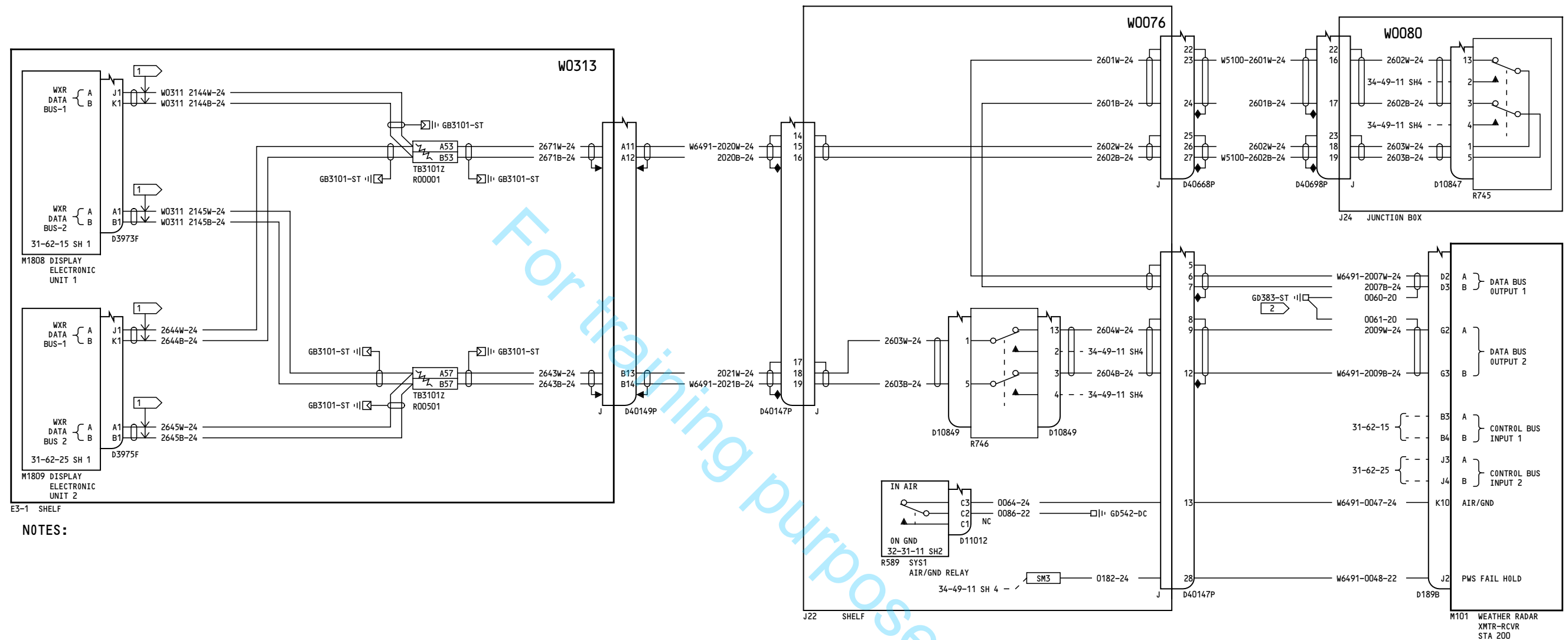
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YC053-YC058

**WEATHER RADAR**

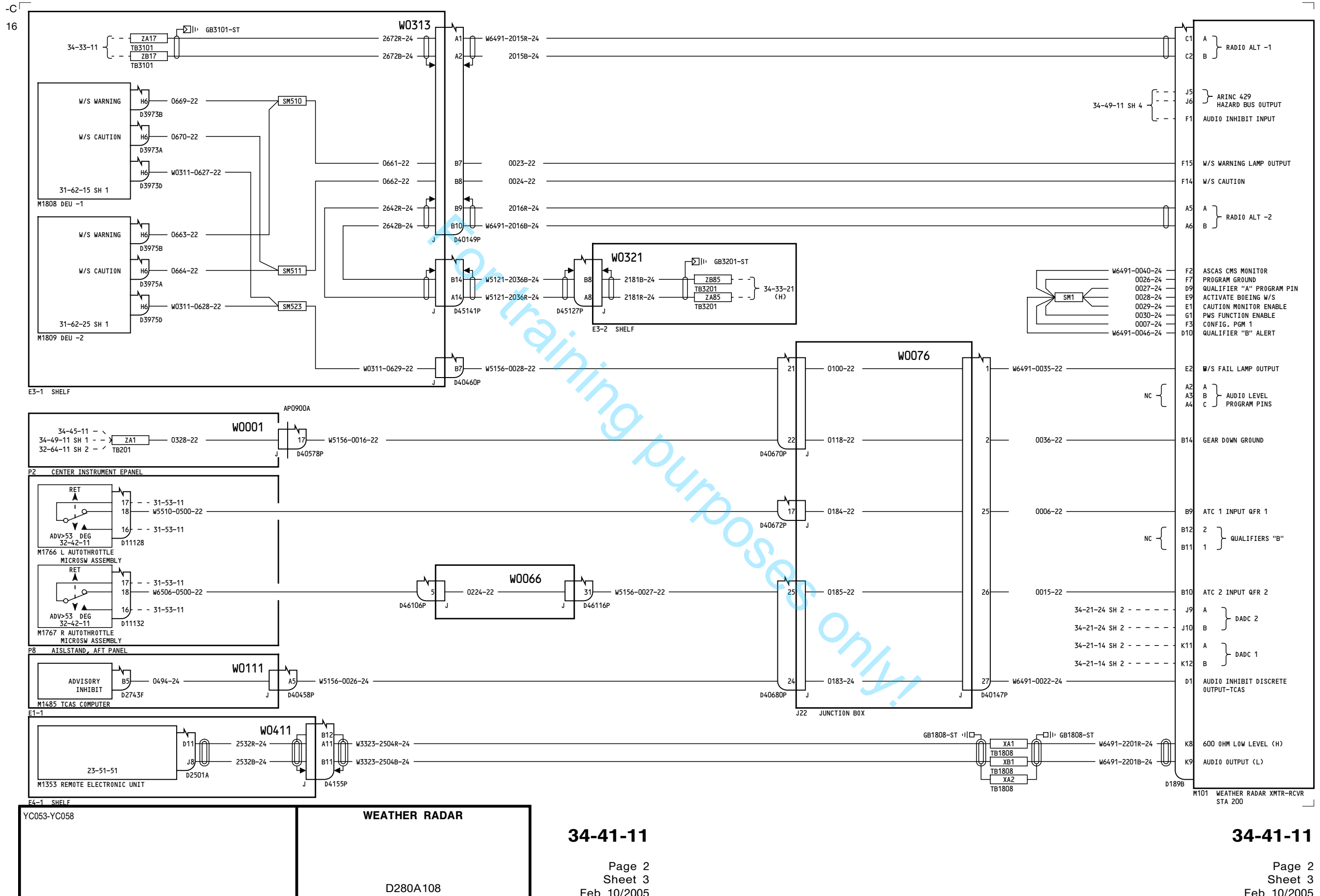
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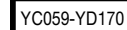
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## WEATHER RADAR

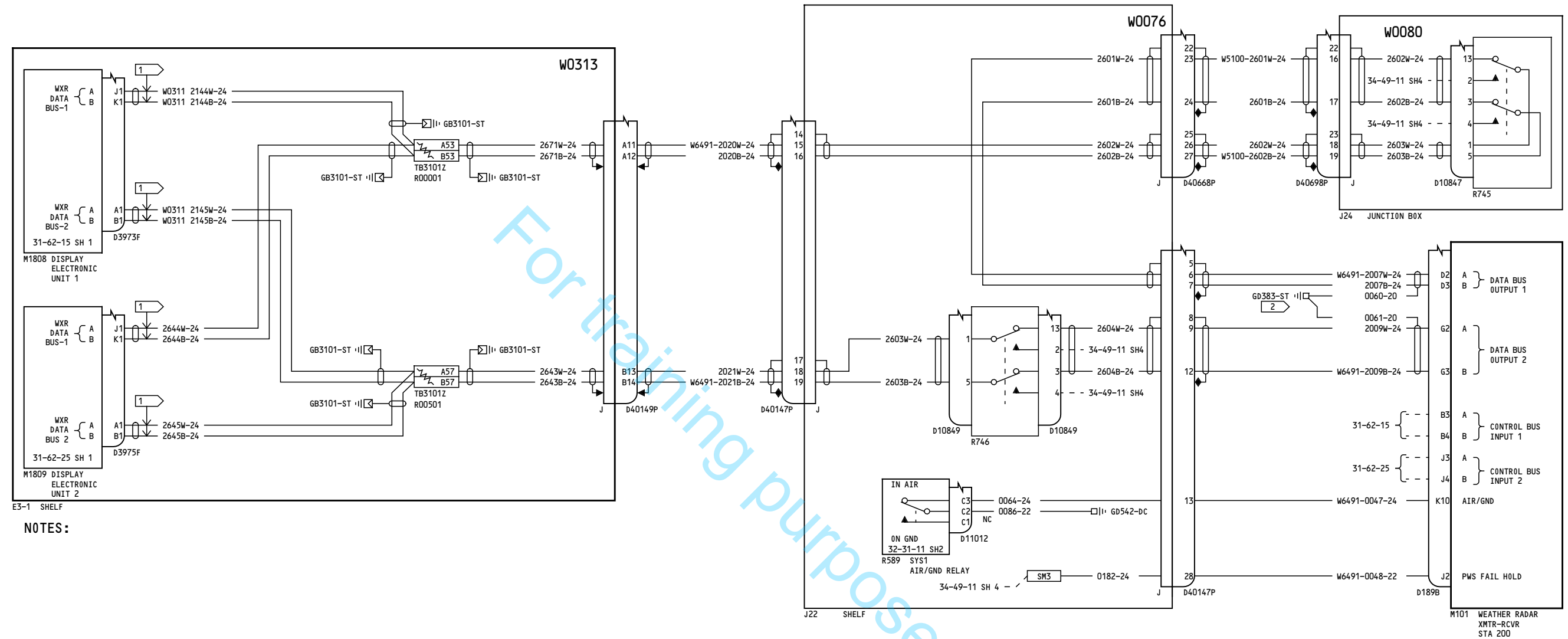
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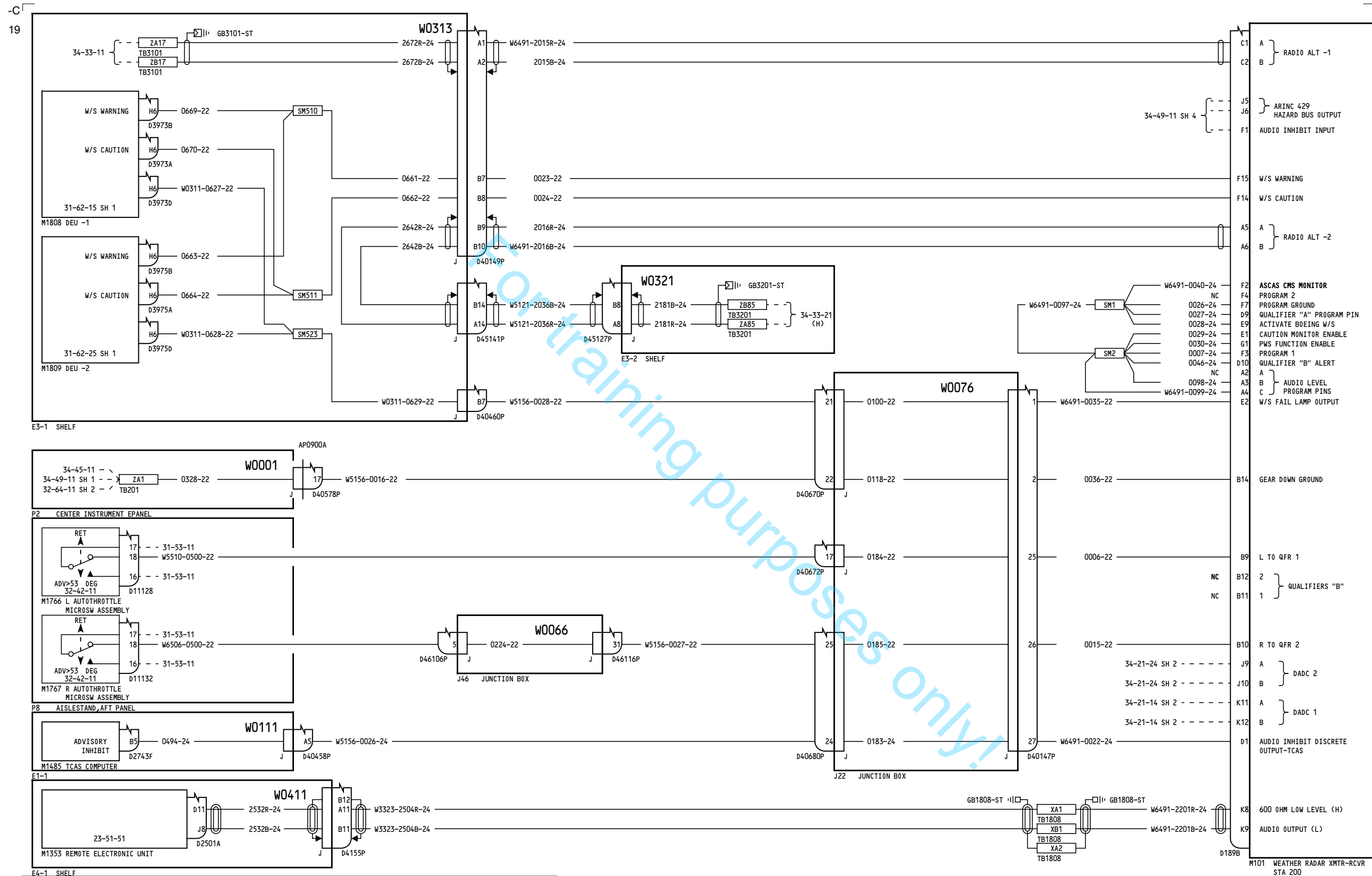
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1 STUB LINE 6 INCHES  70 OHMS.

2 GROUND WIRE LESS THAN OR EQUAL TO 18 INCHES.

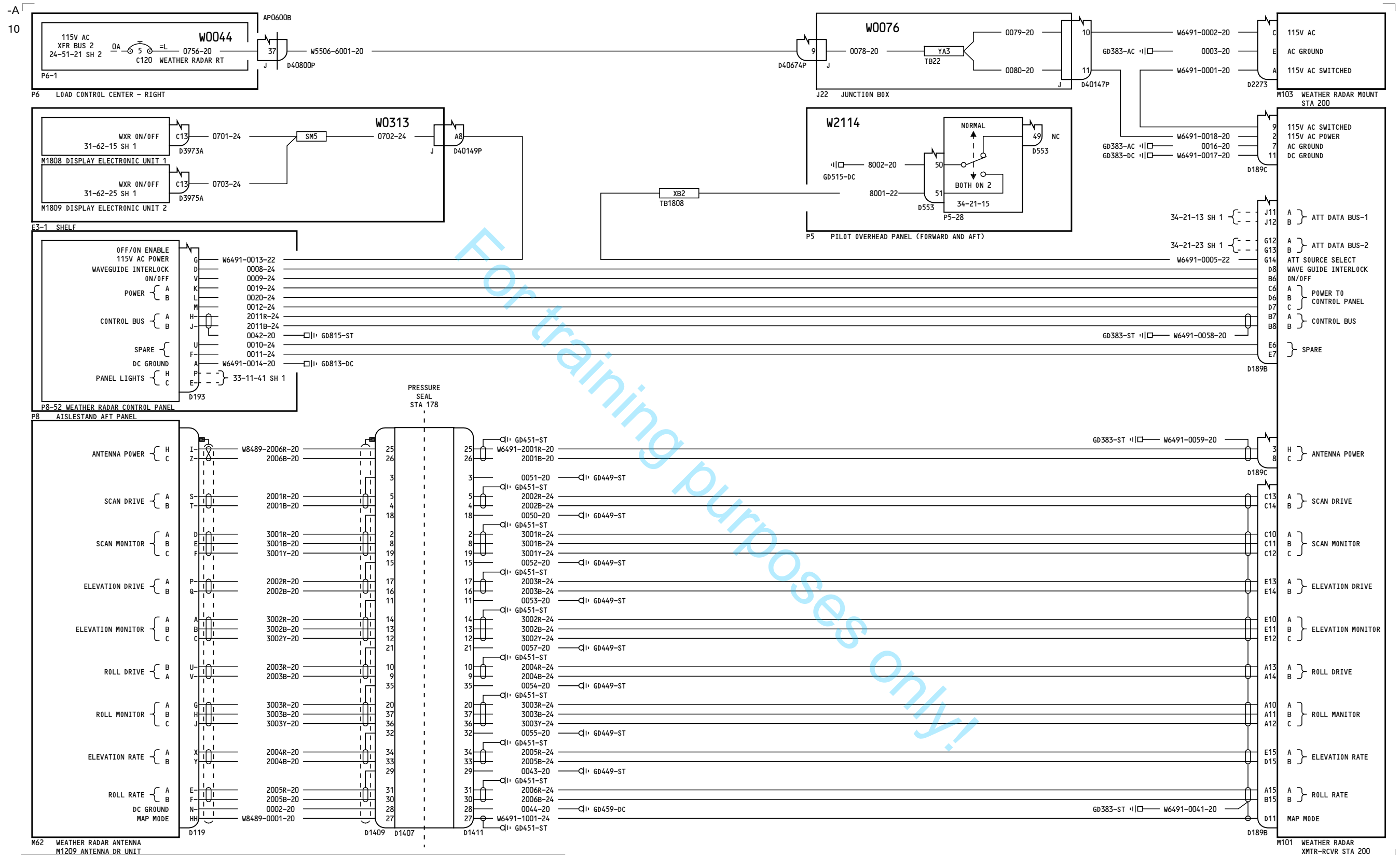


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WEATHER RADAR

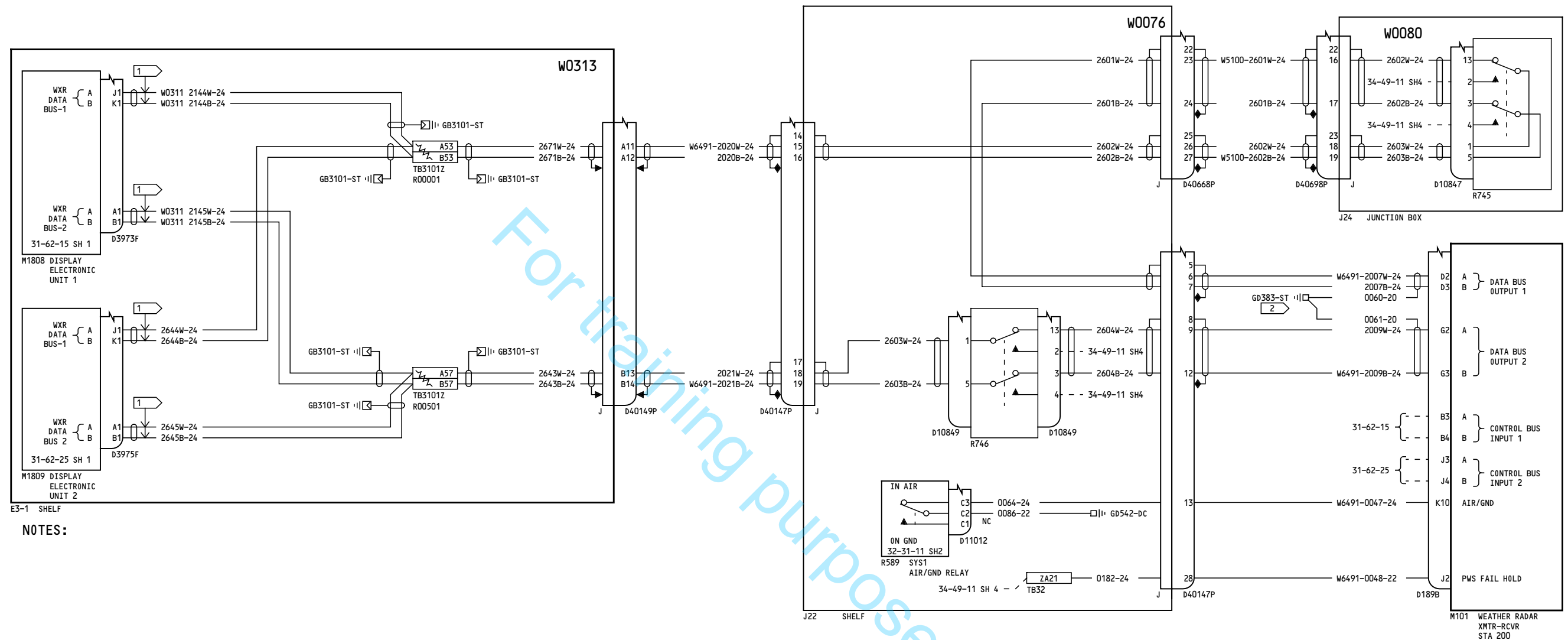
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**WEATHER RADAR**

D280A108

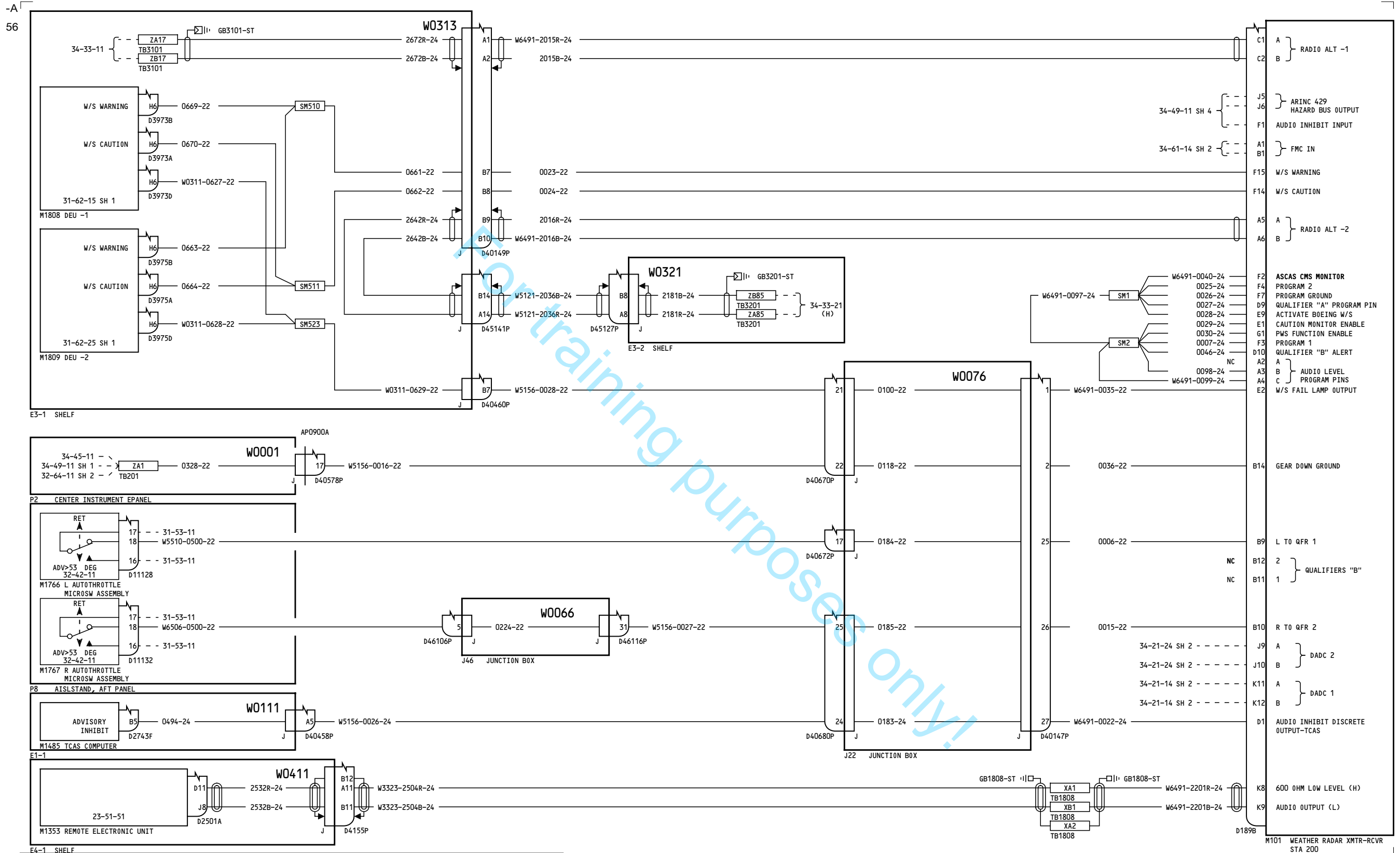
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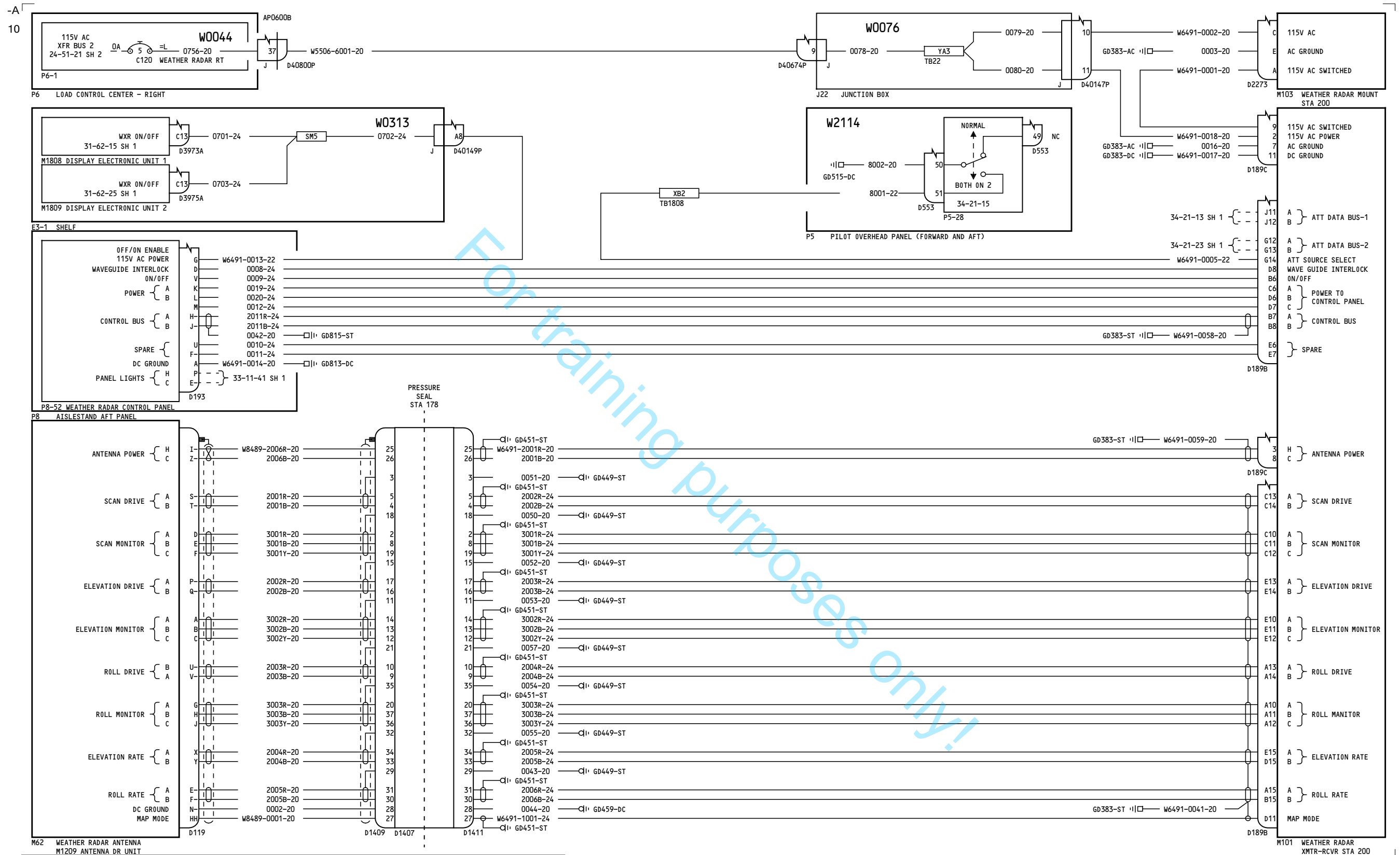
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YN501-YR328

WEATHER RADAR

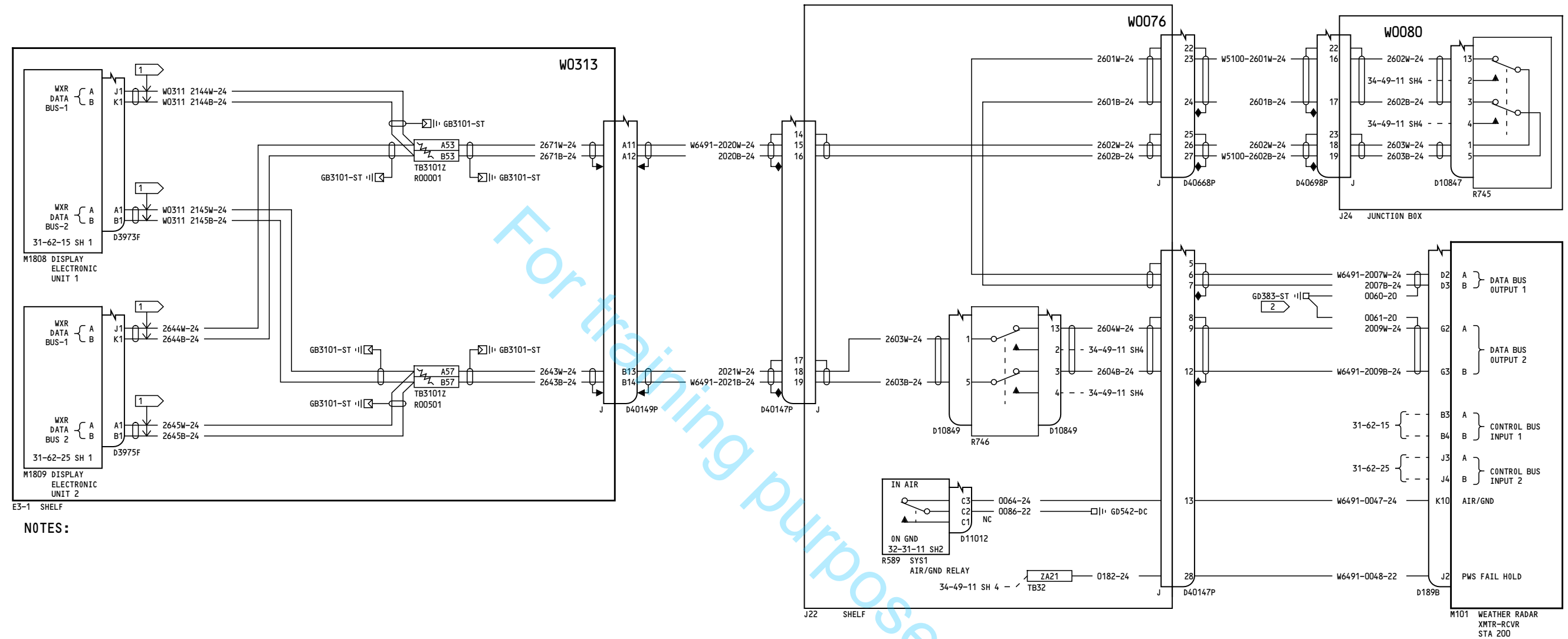
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1 STUB LINE 6 INCHES  70 OHMS.

2 GROUND WIRE LESS THAN OR EQUAL TO 18 INCHES.

YN501-YR328

## WEATHER RADAR

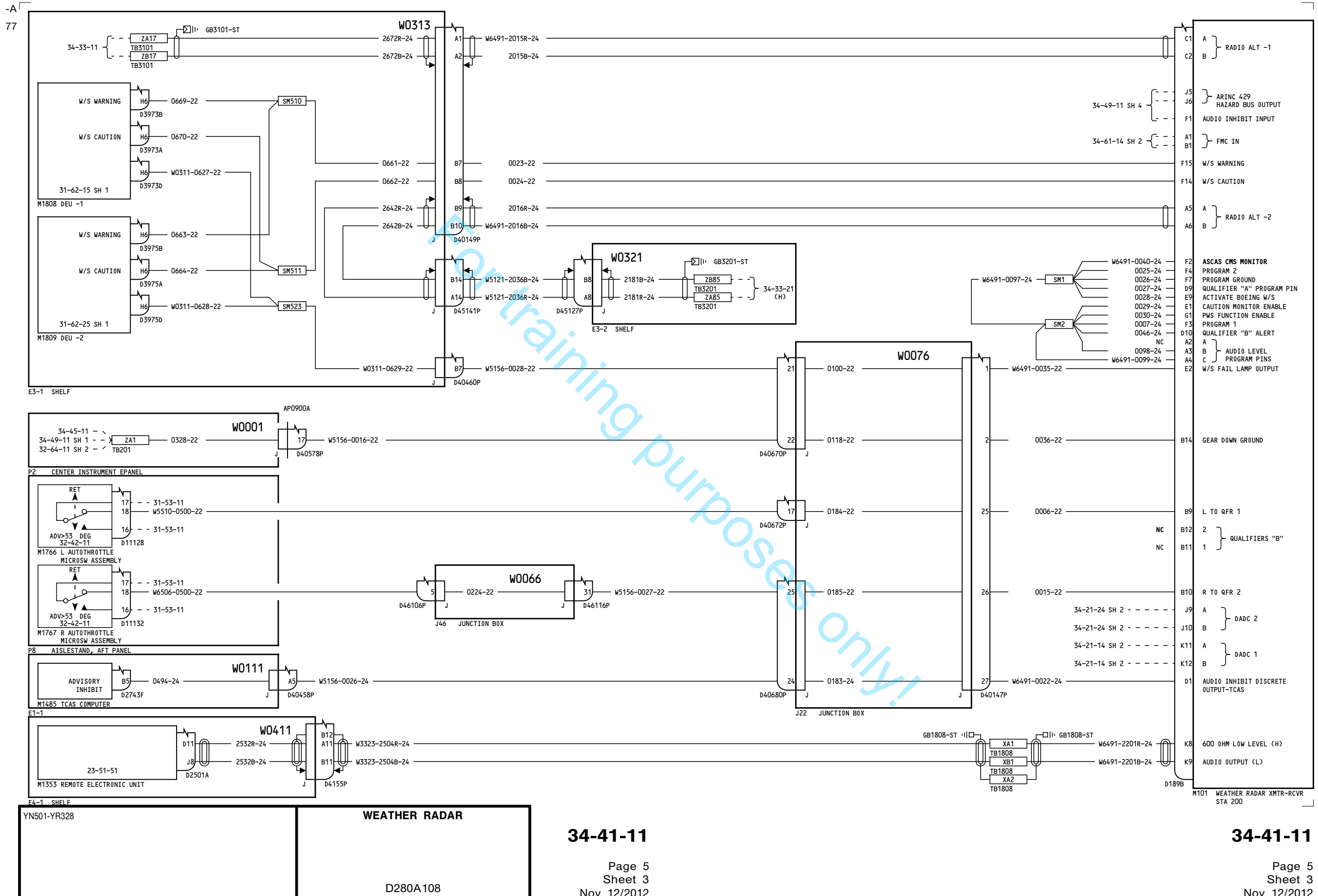
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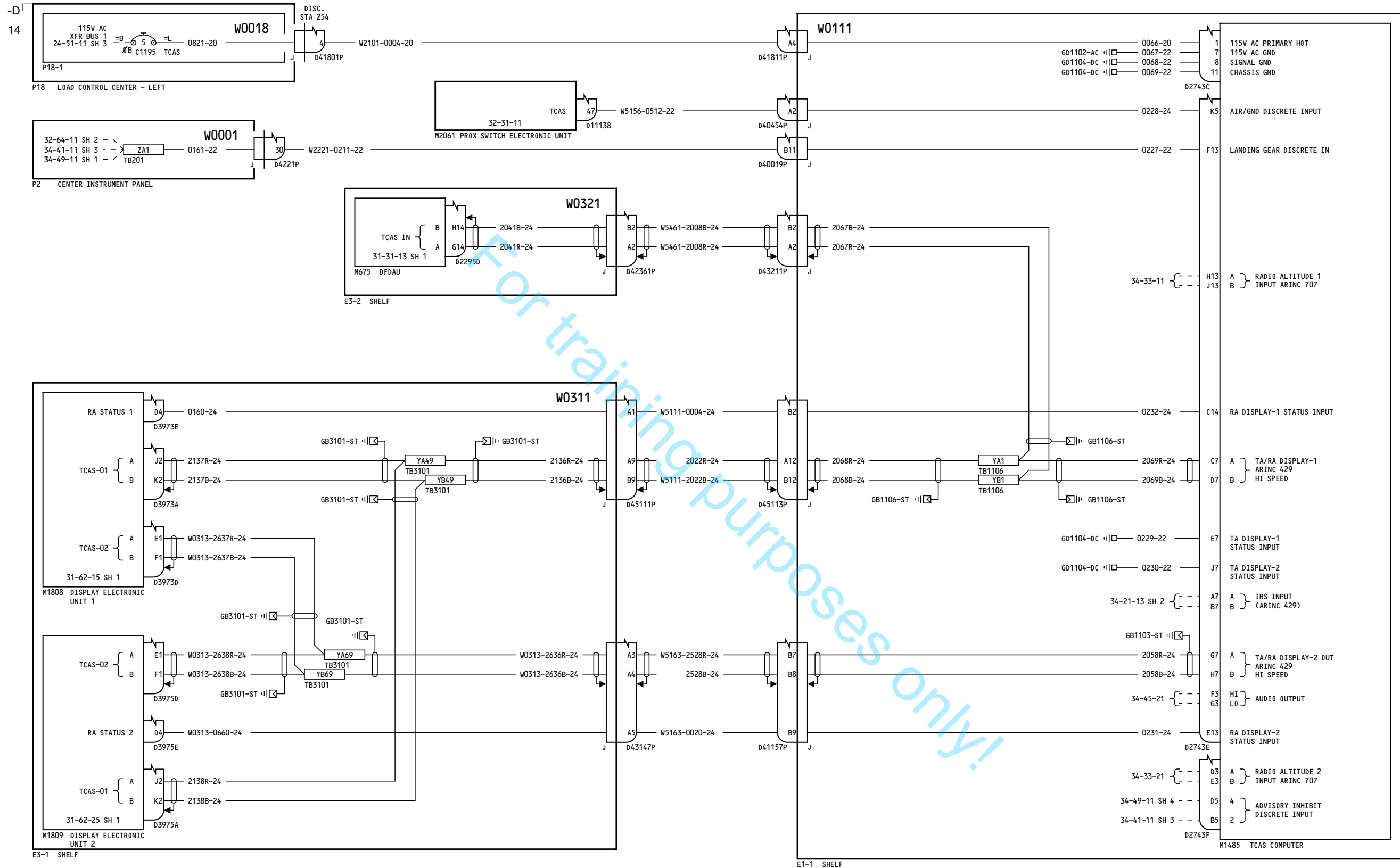
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YC053-YD170

TCAS POWER AND DISPLAY

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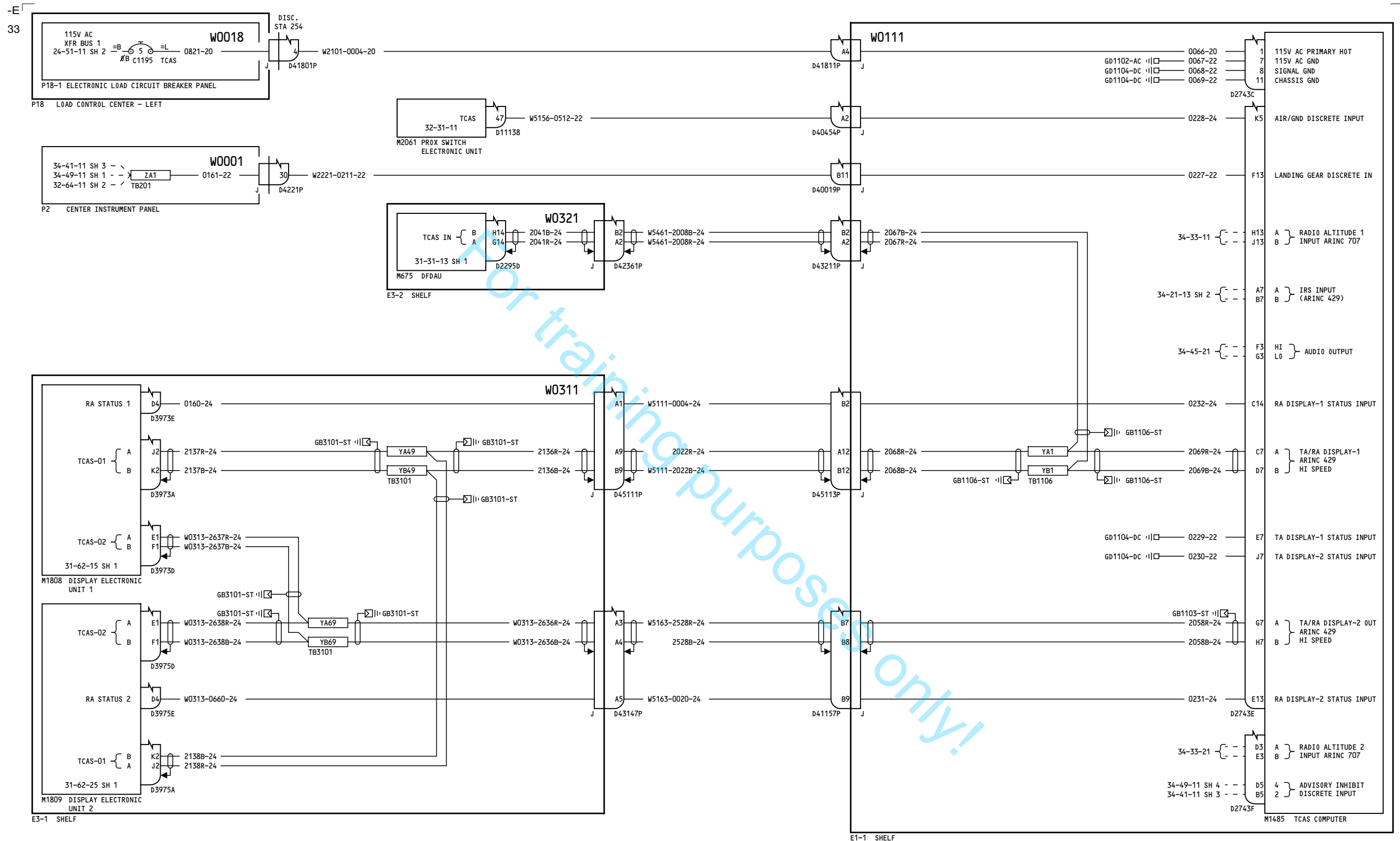
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YL951-YR328

TCAS POWER AND DISPLAY

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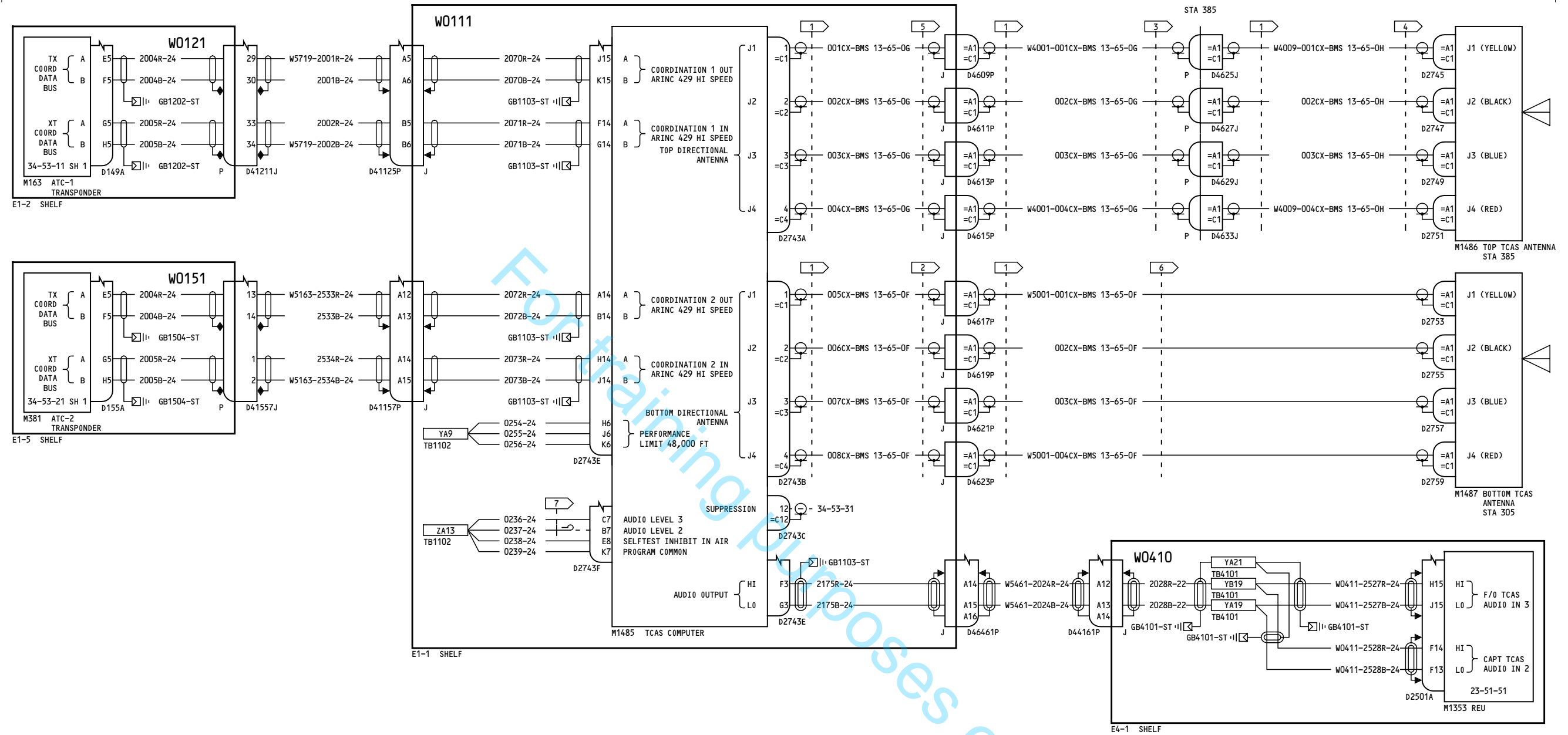
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NOTES:

- 1 BALANCED ASSEMBLY. ALL FOUR CABLES IN EACH GROUP MUST BE OF EQUAL LENGTH PLUS OR MINUS 1/2 INCH.
- 2 MAX. CABLE LENGTH 2 FEET MIN. CABLE LENGTH 1.5 FEET.
- 3 MAX. CABLE LENGTH 24 FEET MIN. CABLE LENGTH 20 FEET.
- 4 MAX. CABLE LENGTH 3 FEET MIN. CABLE LENGTH 1.5 FEET.
- 5 MAX. CABLE LENGTH 2 FEET.
- 6 MAX. CABLE LENGTH 18 FEET MIN. CABLE LENGTH 12 FEET 9 INCHES.
- 7 TAPE AND STOW NEAR D2743F.

YC051-YD157

## TCAS ANTENNA/INTERFACE

D280A108

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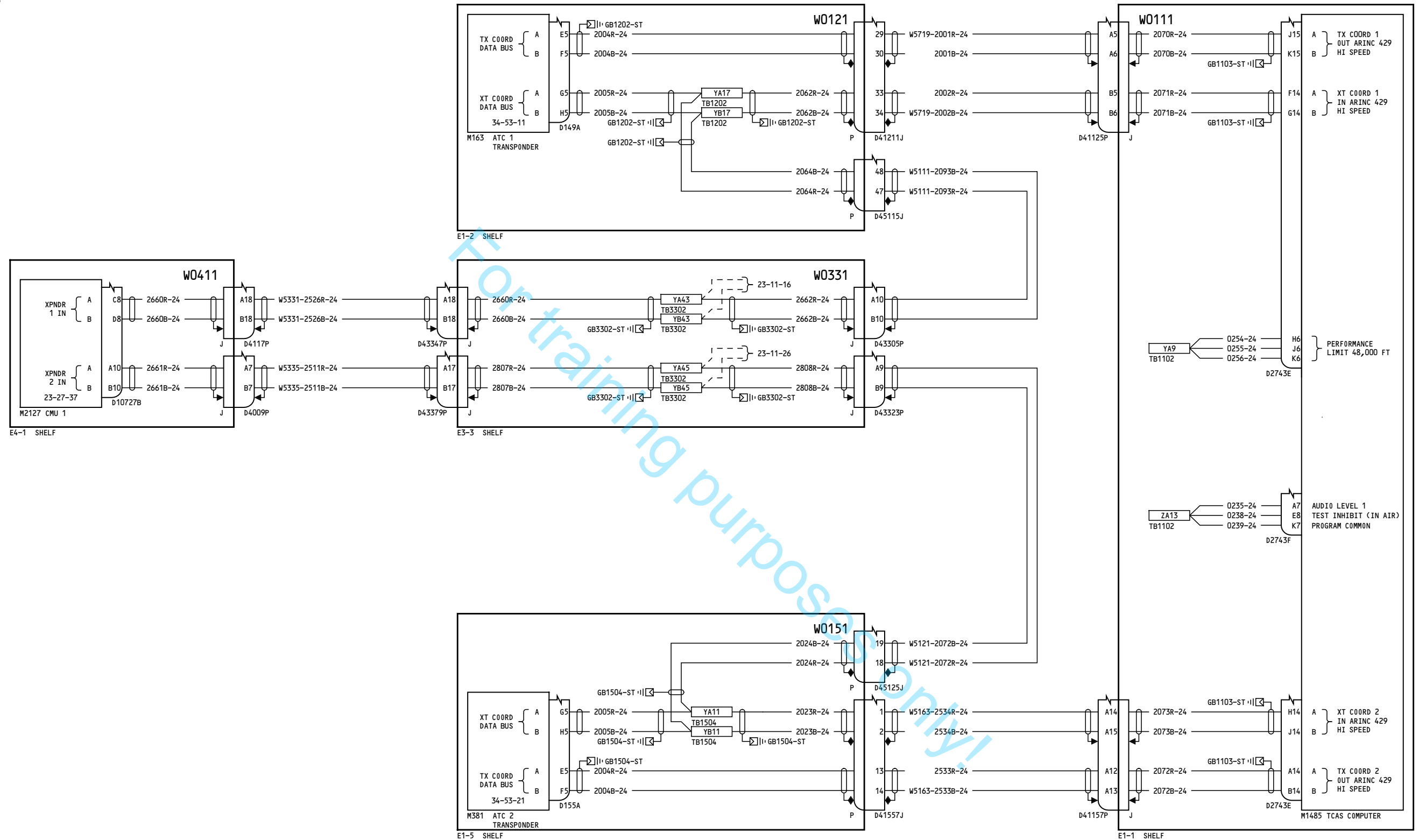
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YD158-YD170

TCAS ANTENNA/INTERFACE

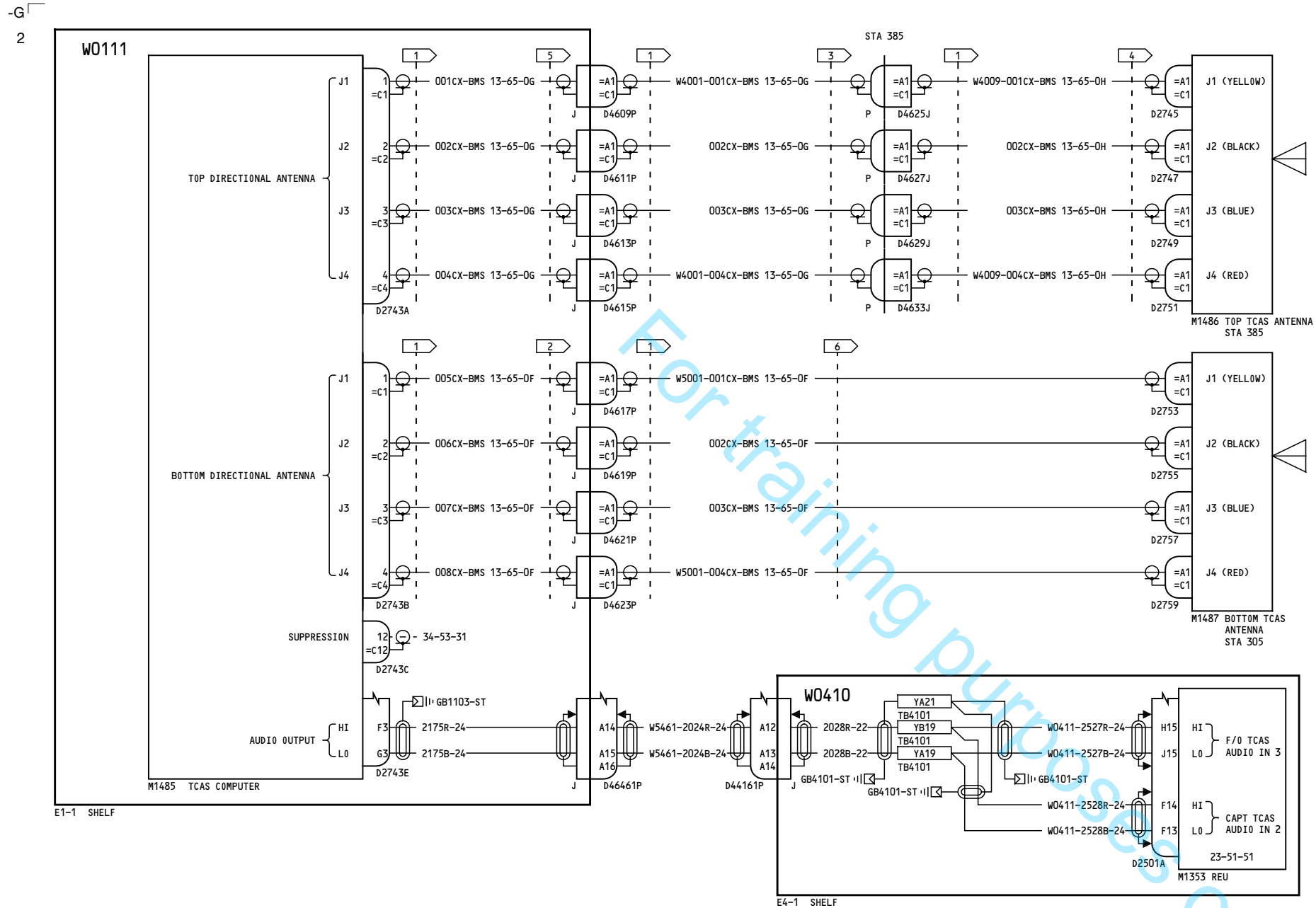
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**NOTES:**

- 1 BALANCED ASSEMBLY. ALL FOUR CABLES IN EACH GROUP MUST BE OF EQUAL LENGTH PLUS OR MINUS 1/2 INCH.
- 2 MAX. CABLE LENGTH 2 FEET MIN. CABLE LENGTH 1.5 FEET.
- 3 MAX. CABLE LENGTH 24 FEET MIN. CABLE LENGTH 20 FEET.
- 4 MAX. CABLE LENGTH 3 FEET MIN. CABLE LENGTH 1.5 FEET.
- 5 MAX. CABLE LENGTH 2 FEET.
- 6 MAX. CABLE LENGTH 18 FEET MIN. CABLE LENGTH 12 FEET 9 INCHES.

YD158-YD170

**TCAS ANTENNA/INTERFACE**

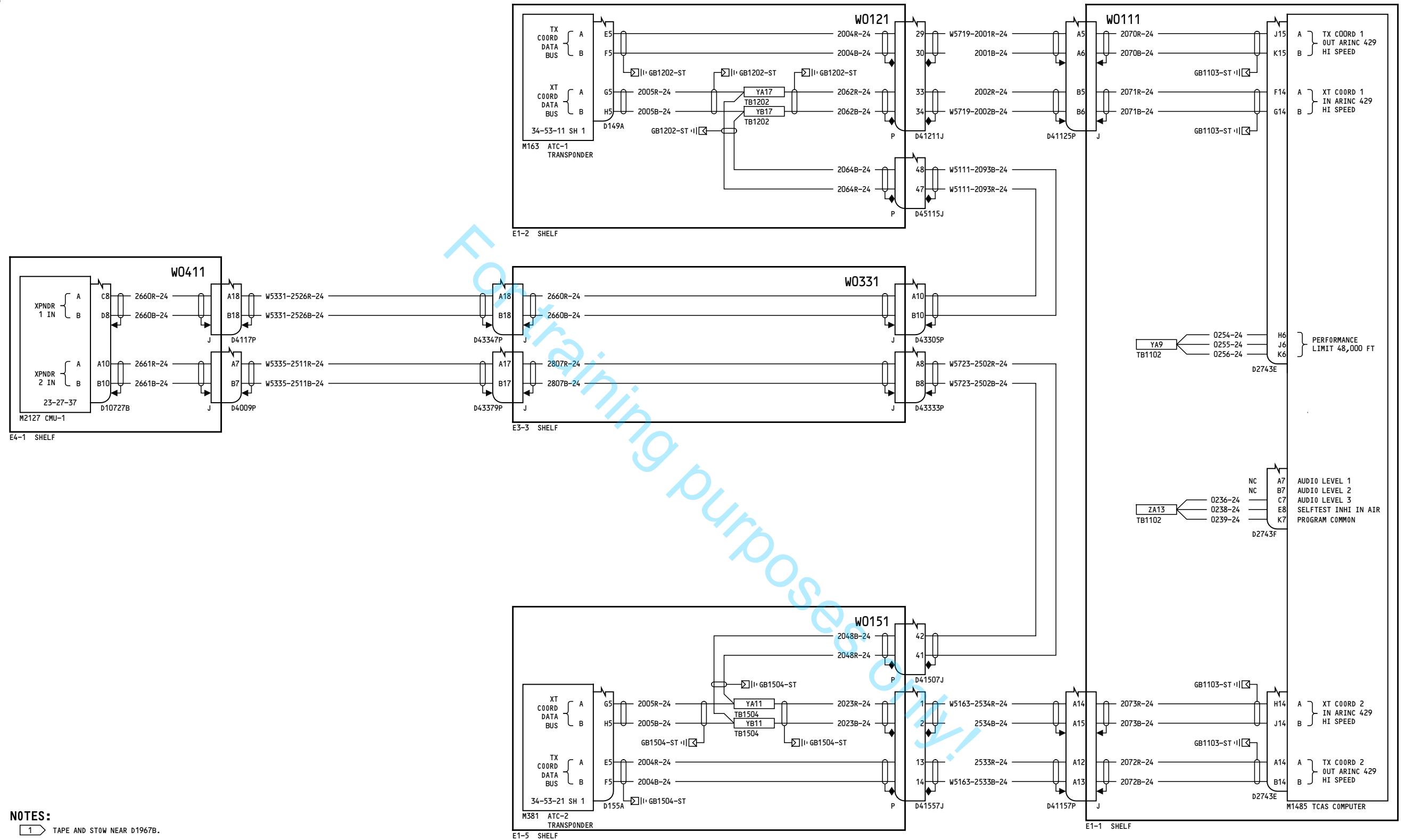
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TCAS ANTENNA/INTERFACE

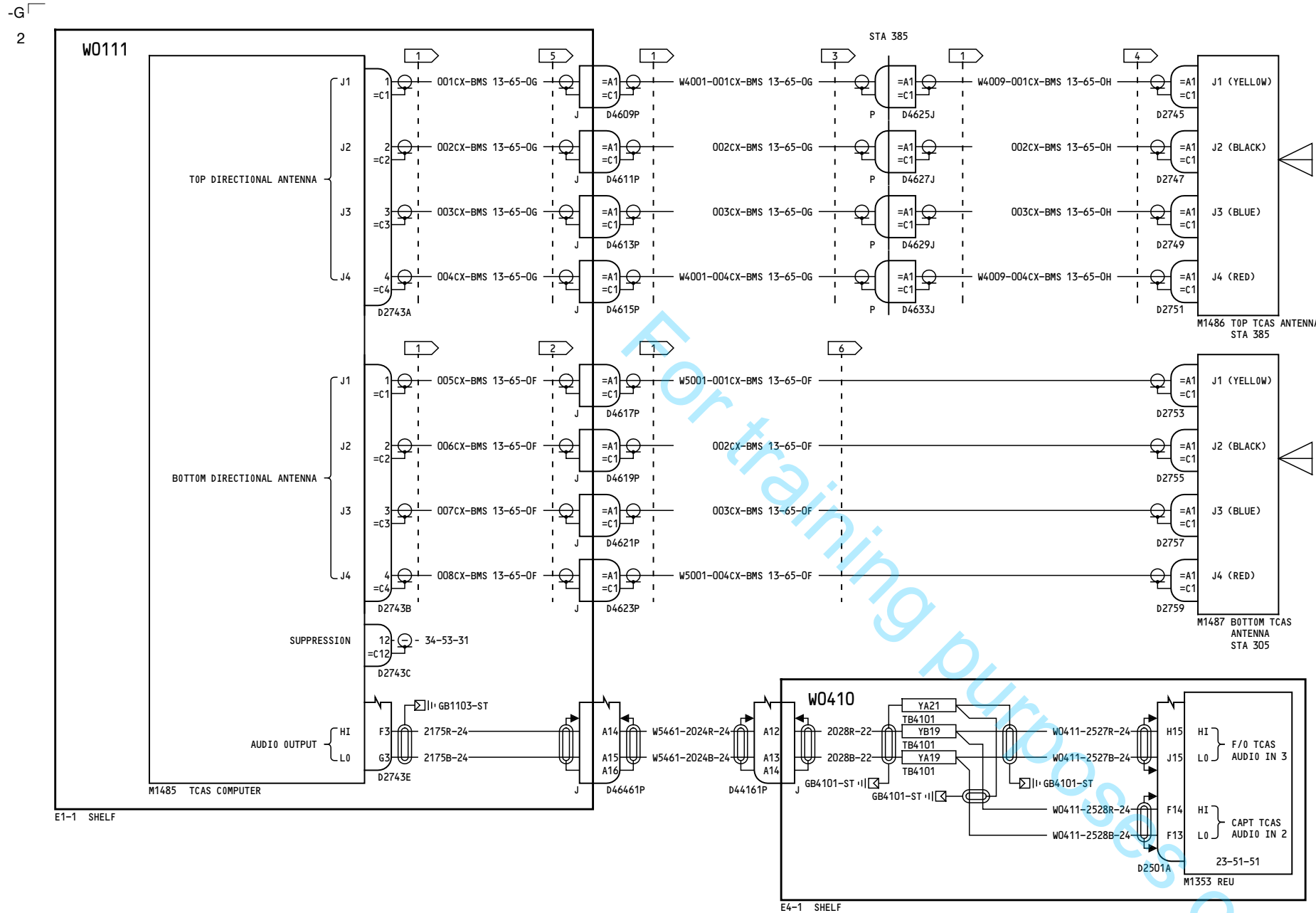
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**NOTES:**

- 1 BALANCED ASSEMBLY. ALL FOUR CABLES IN EACH GROUP MUST BE OF EQUAL LENGTH PLUS OR MINUS 1/2 INCH.
- 2 MAX. CABLE LENGTH 2 FEET MIN. CABLE LENGTH 1.5 FEET.
- 3 MAX. CABLE LENGTH 24 FEET MIN. CABLE LENGTH 20 FEET.
- 4 MAX. CABLE LENGTH 3 FEET MIN. CABLE LENGTH 1.5 FEET.
- 5 MAX. CABLE LENGTH 2 FEET.
- 6 MAX. CABLE LENGTH 18 FEET MIN. CABLE LENGTH 12 FEET 9 INCHES.

YL951-YR328

**TCAS ANTENNA/INTERFACE**

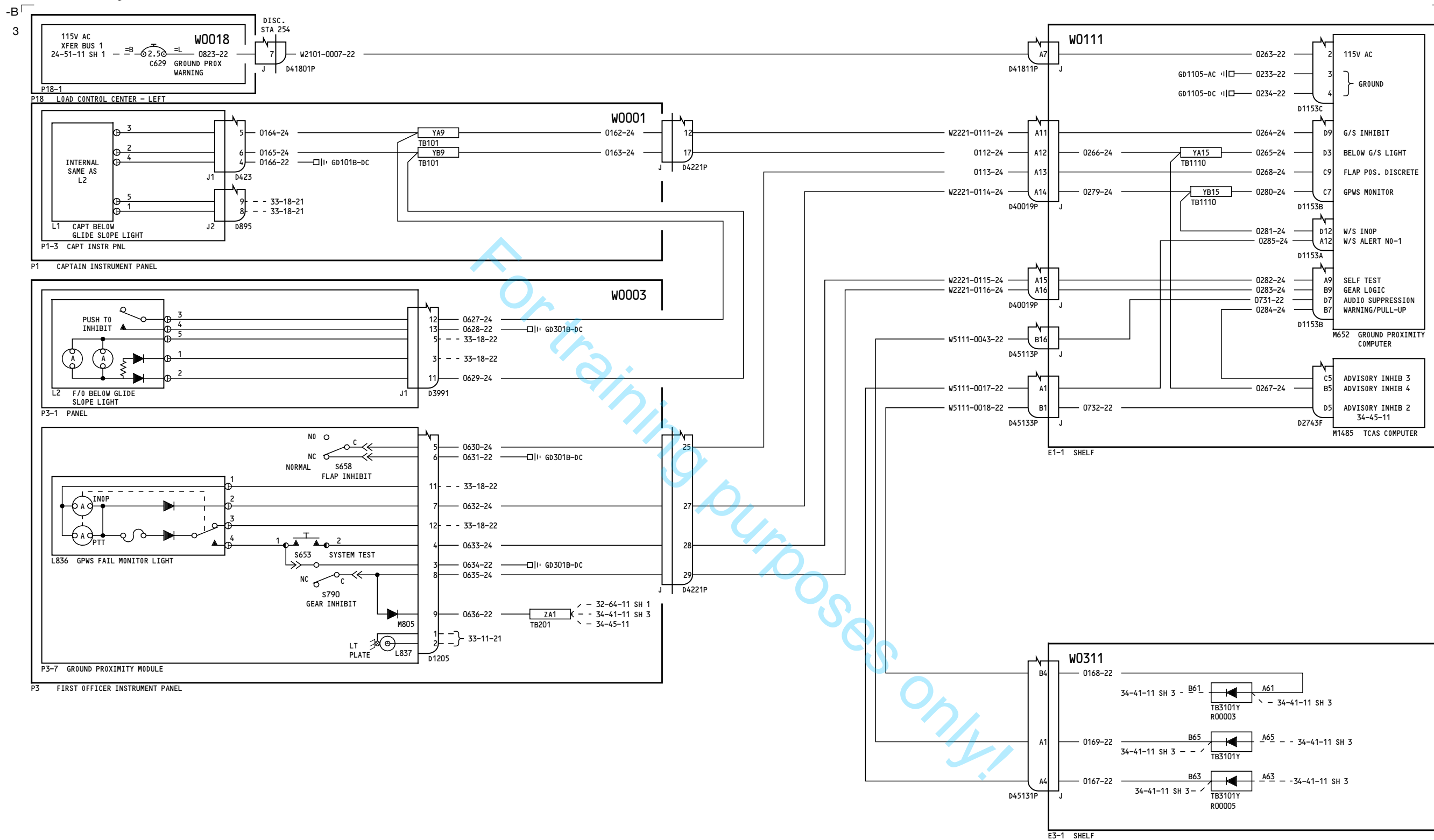
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YC051-YC052

GROUND PROXIMITY WARNING

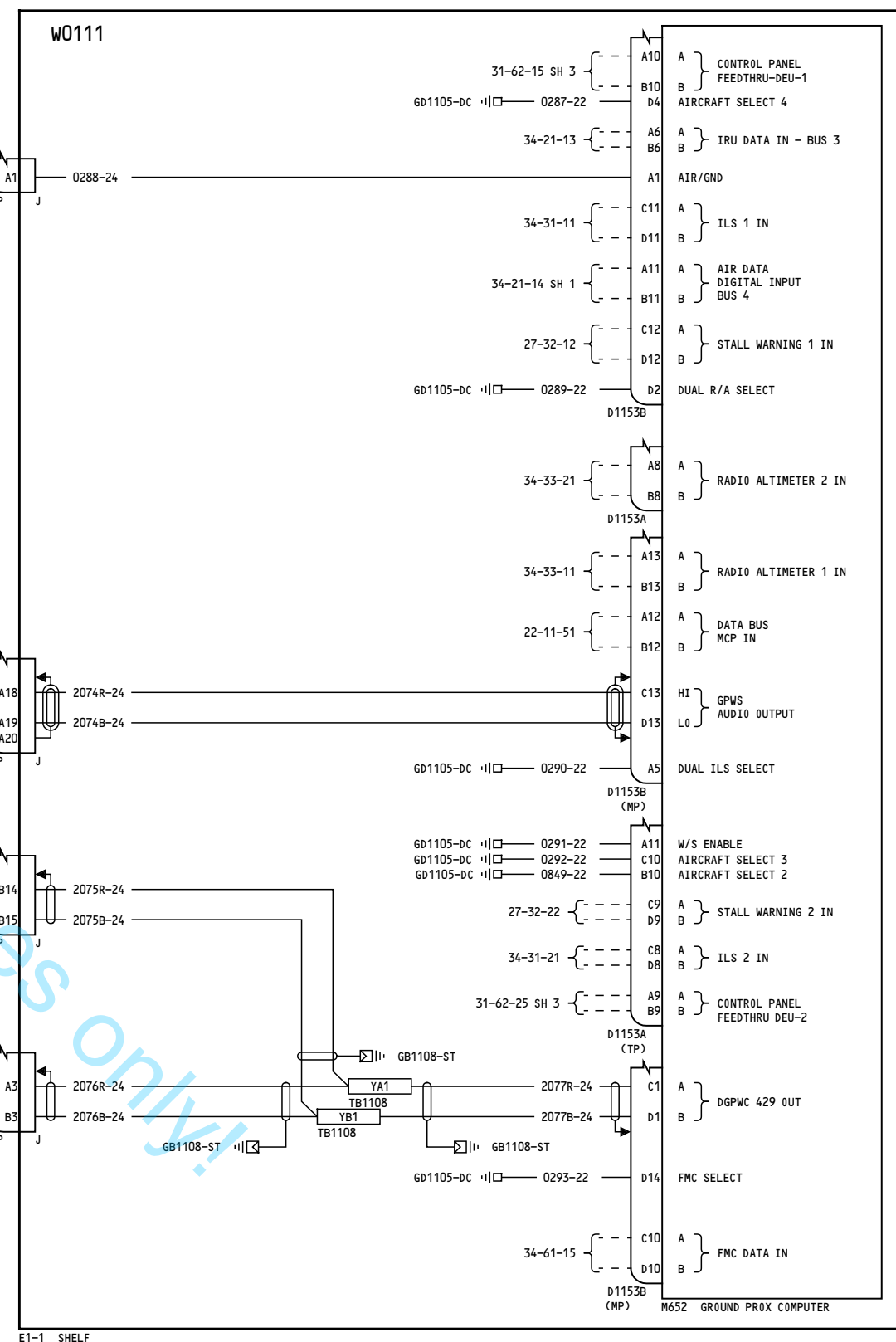
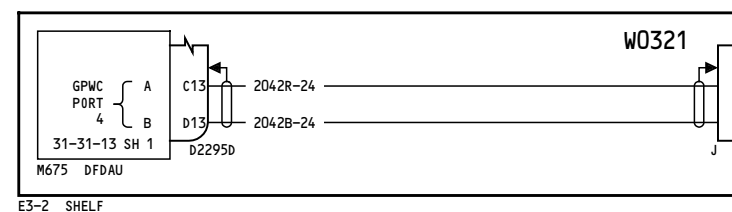
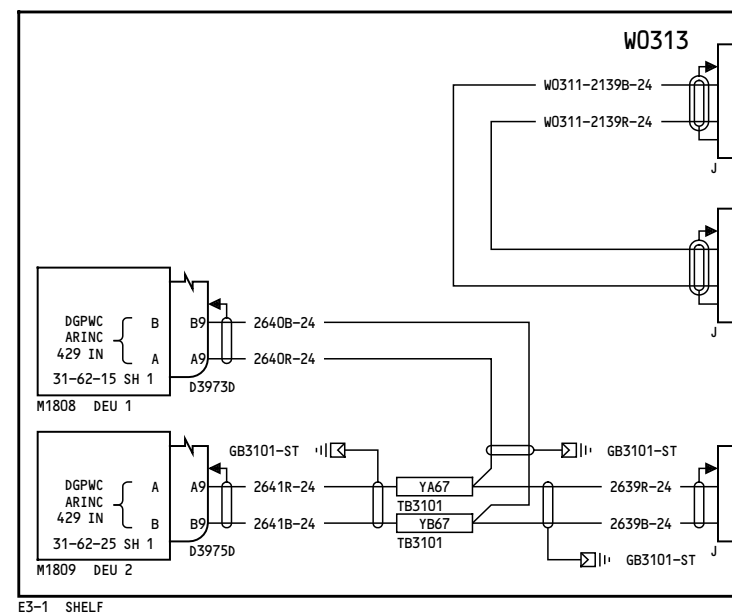
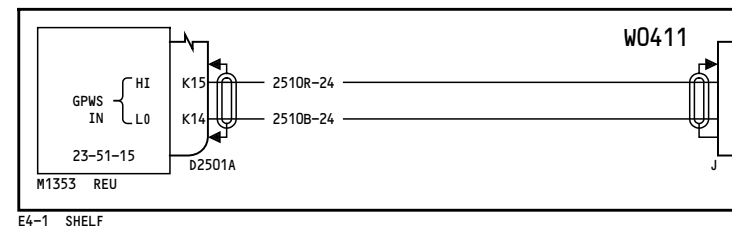
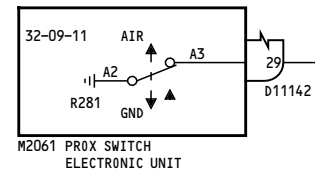
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YC051-YC052

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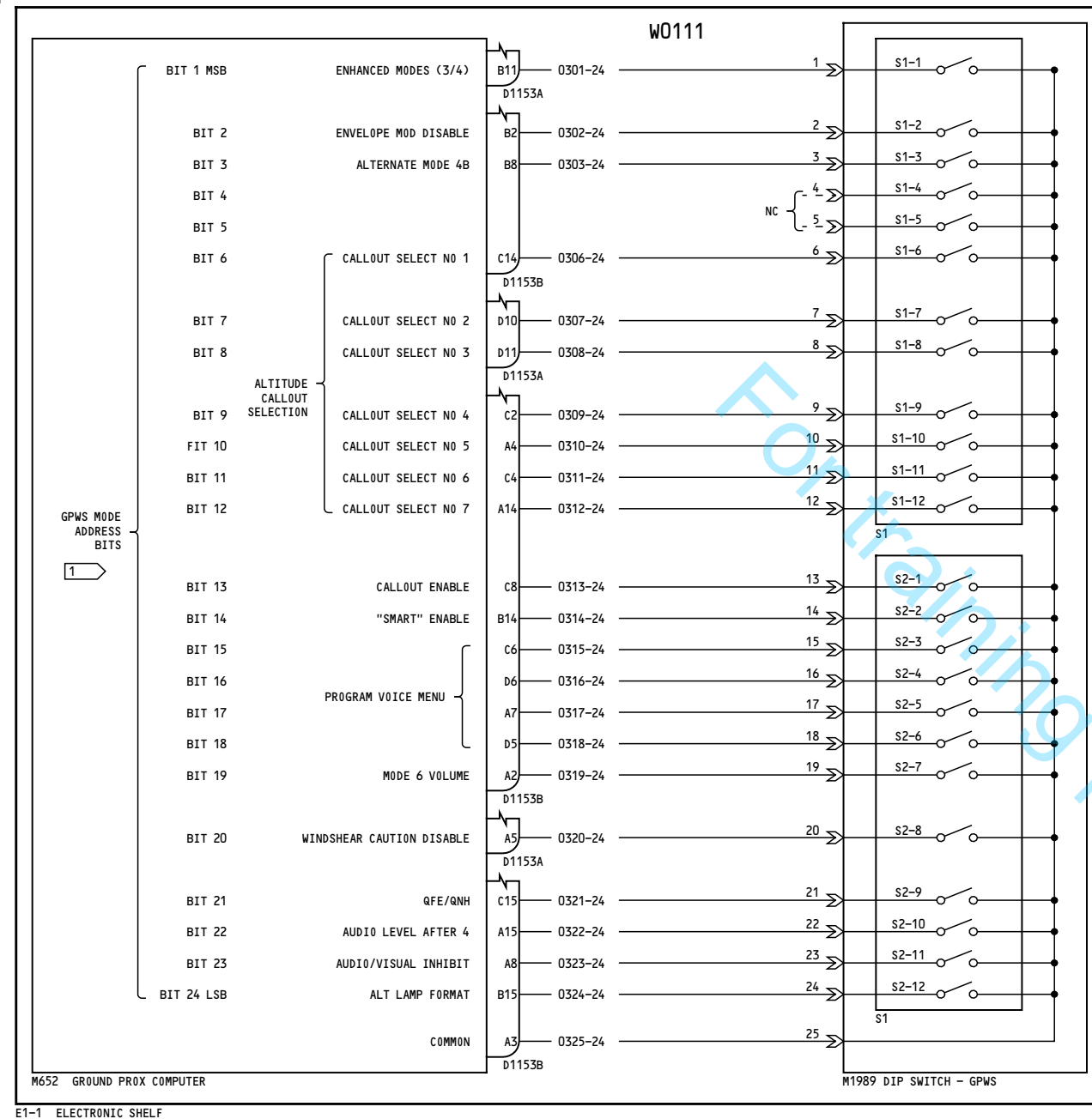
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**1**

**M1989**

ADDRESS BIT		S1																							
AIRPLANE	OCTAL CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	00164021	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	0	0	0	1

**NOTES:**

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

YC051-YC052

**GROUND PROXIMITY WARNING**

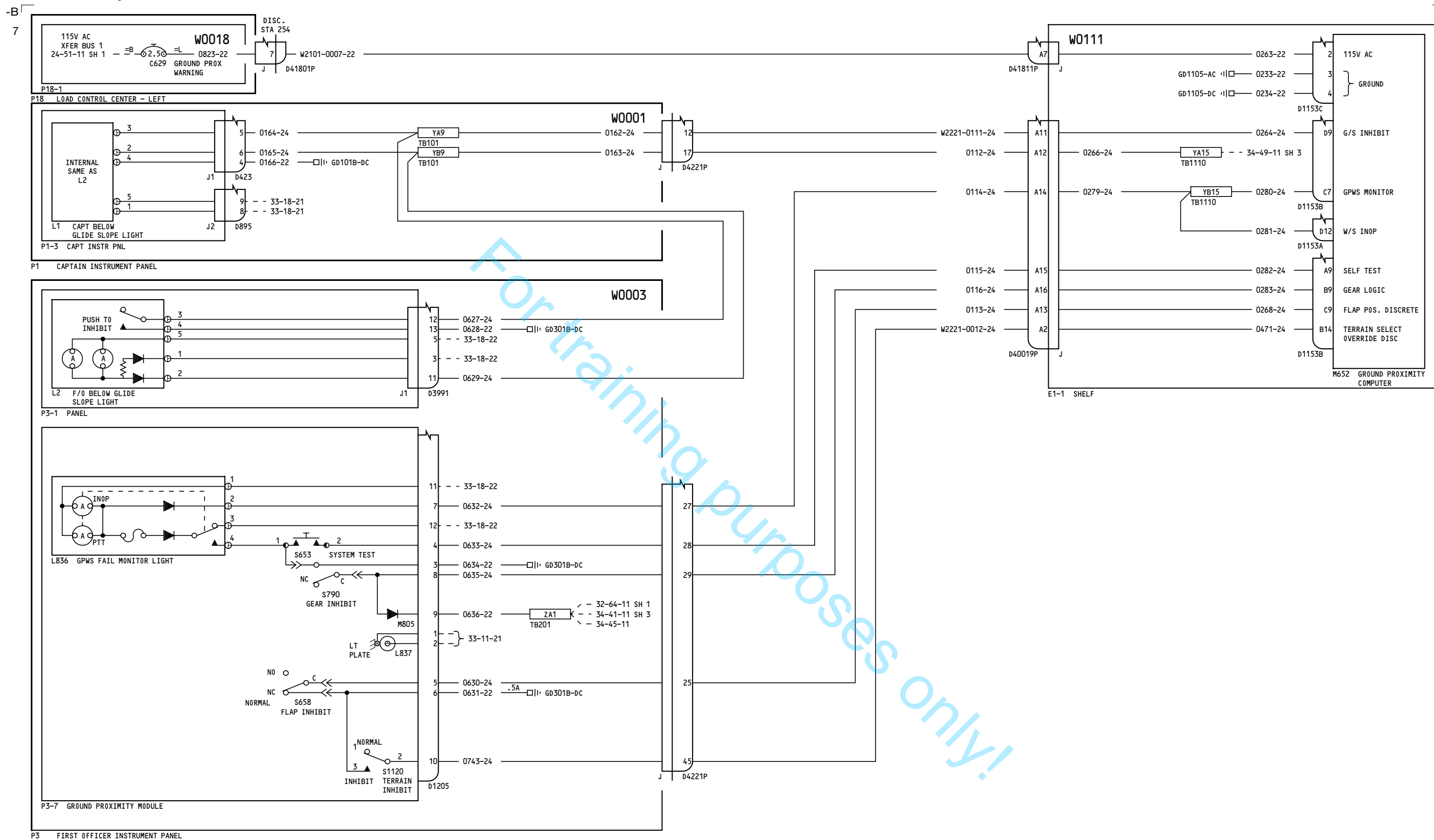
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YC053-YC064

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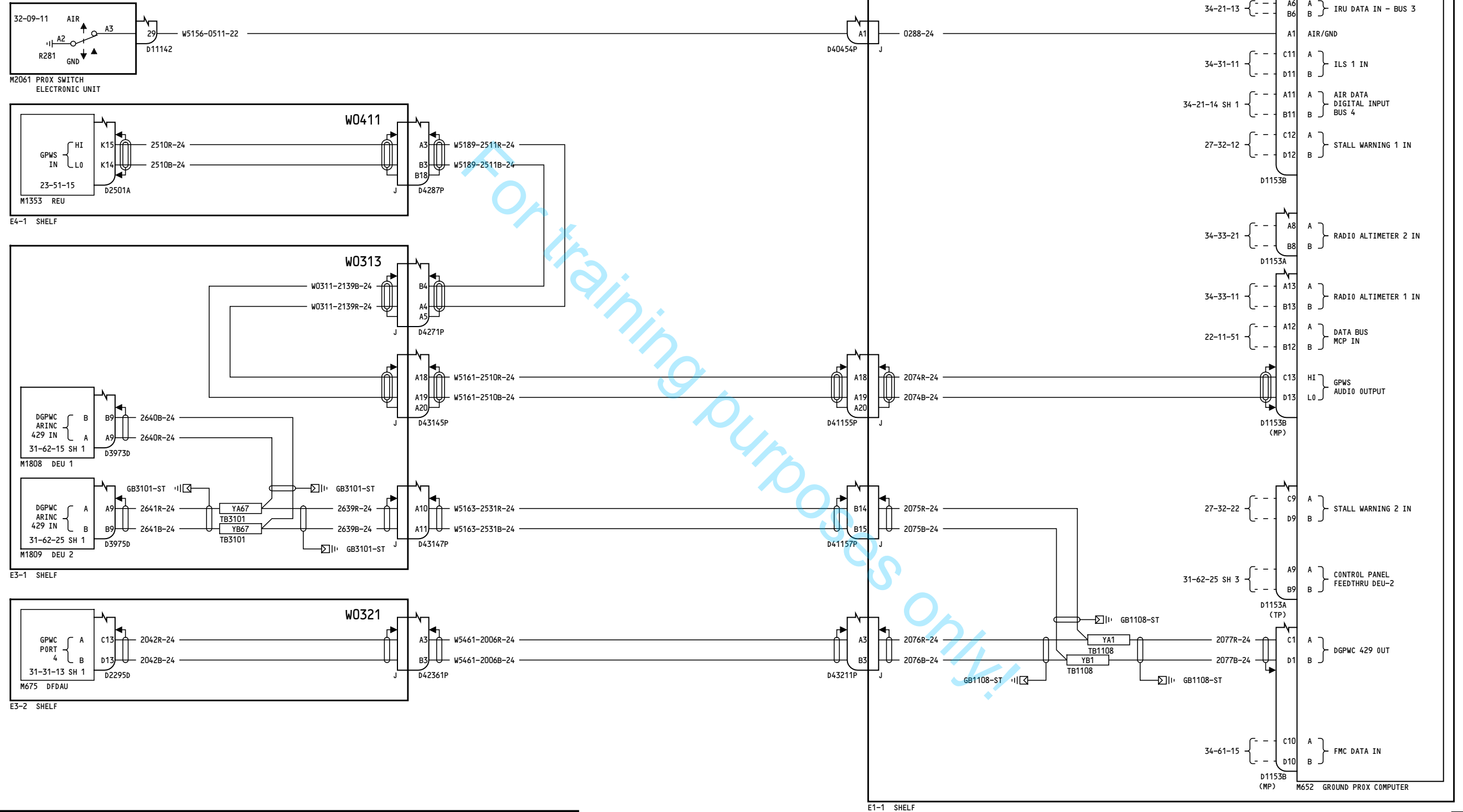
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YC053-YC064

GROUND PROXIMITY WARNING

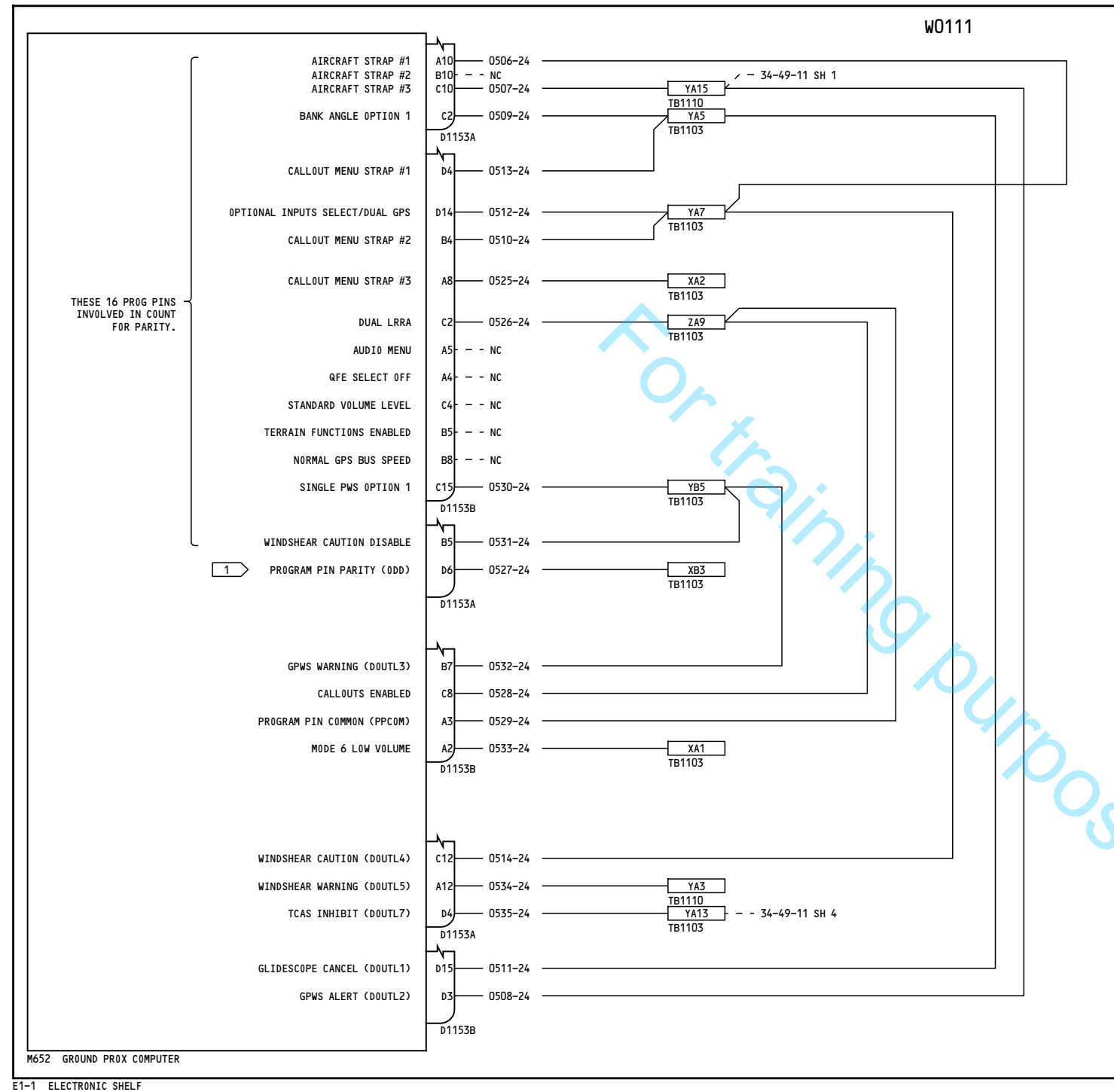
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YC053-YC064

**GROUND PROXIMITY WARNING**

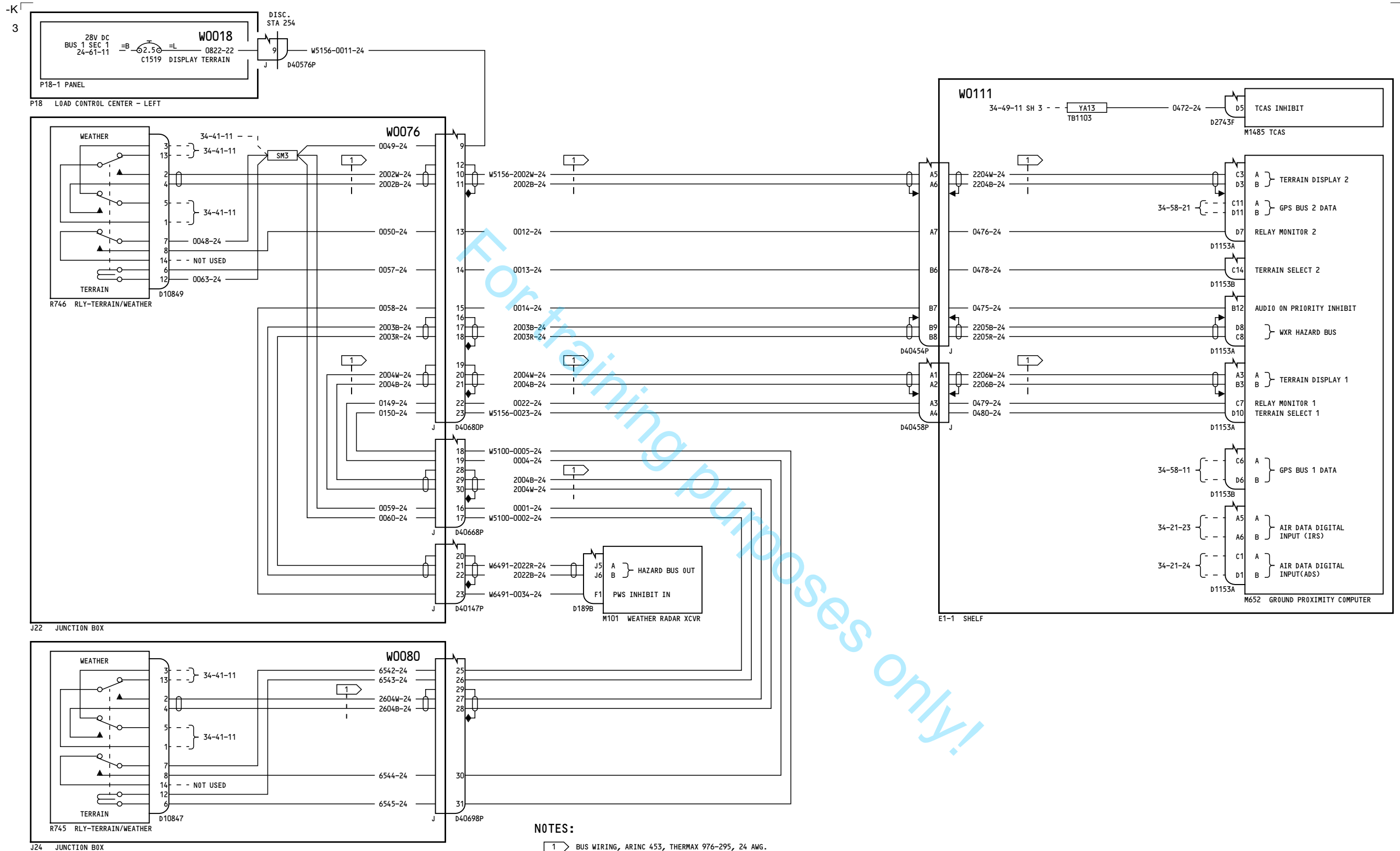
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YC053-YC064

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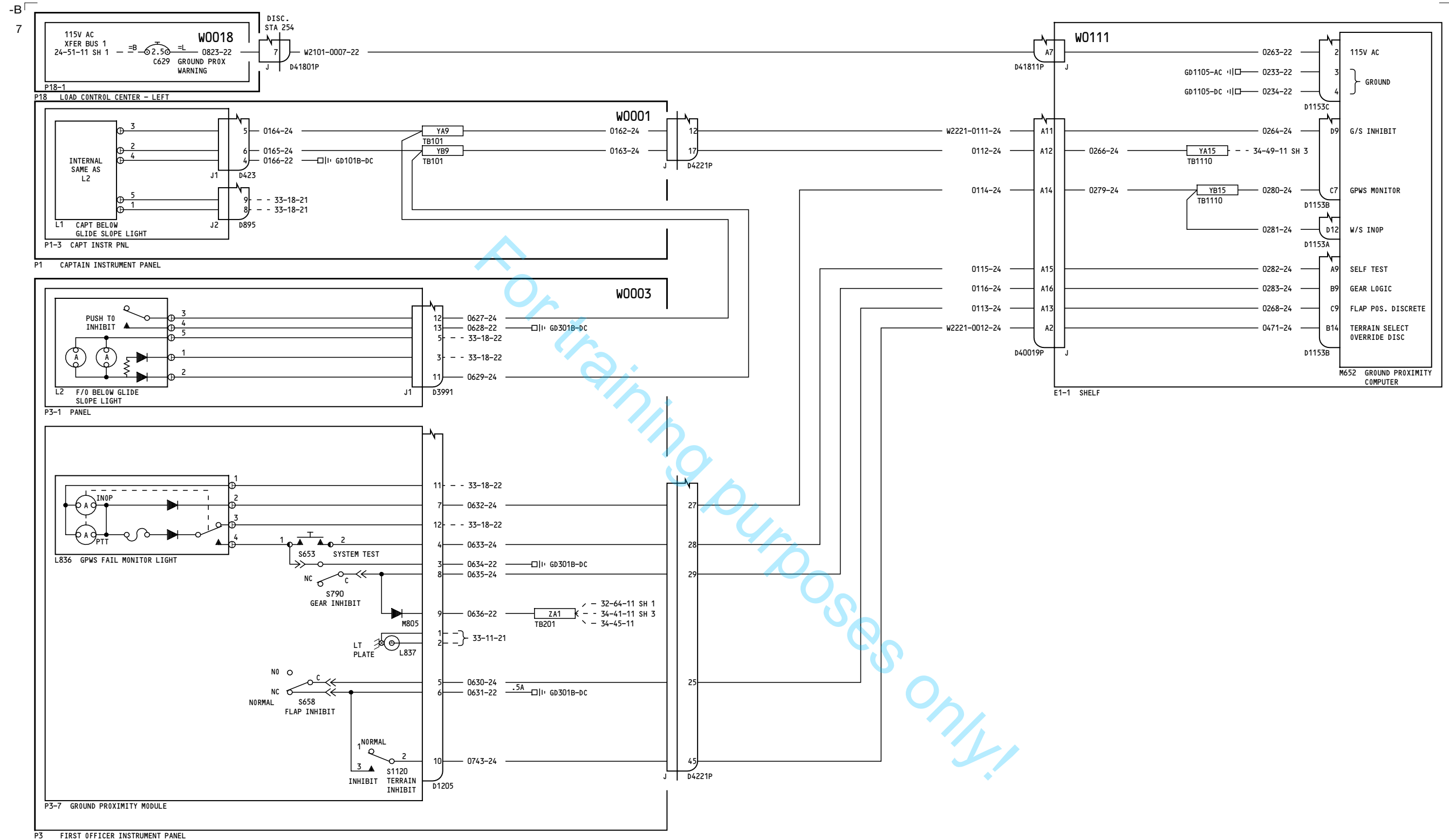
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YC053, YC055

## GROUND PROXIMITY WARNING

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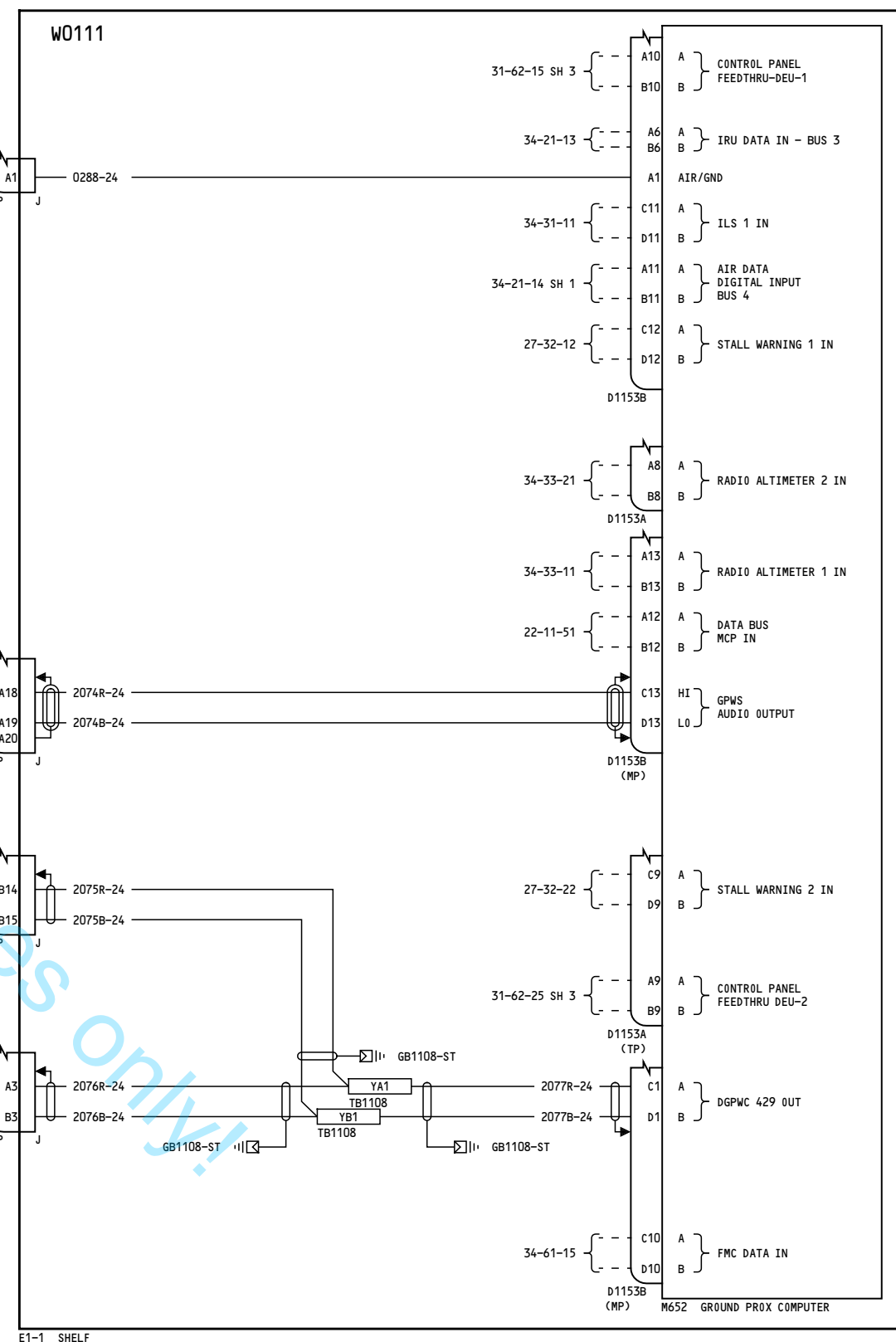
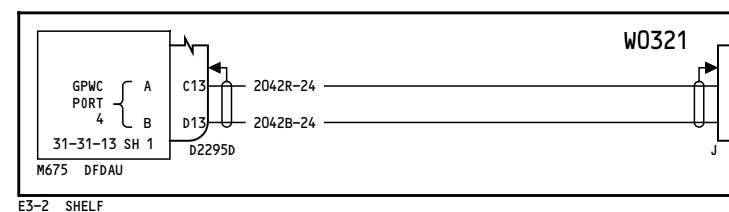
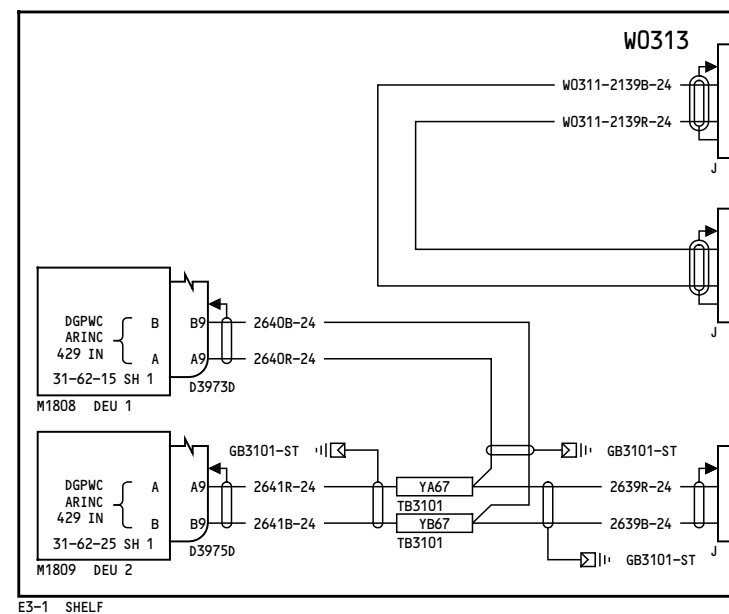
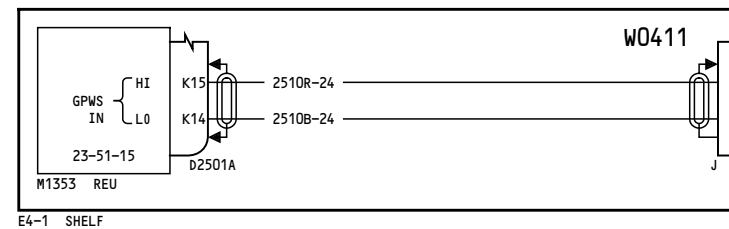
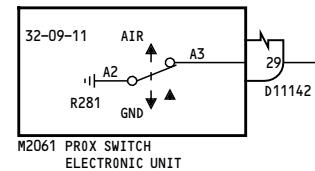
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YC053, YC055

GROUND PROXIMITY WARNING

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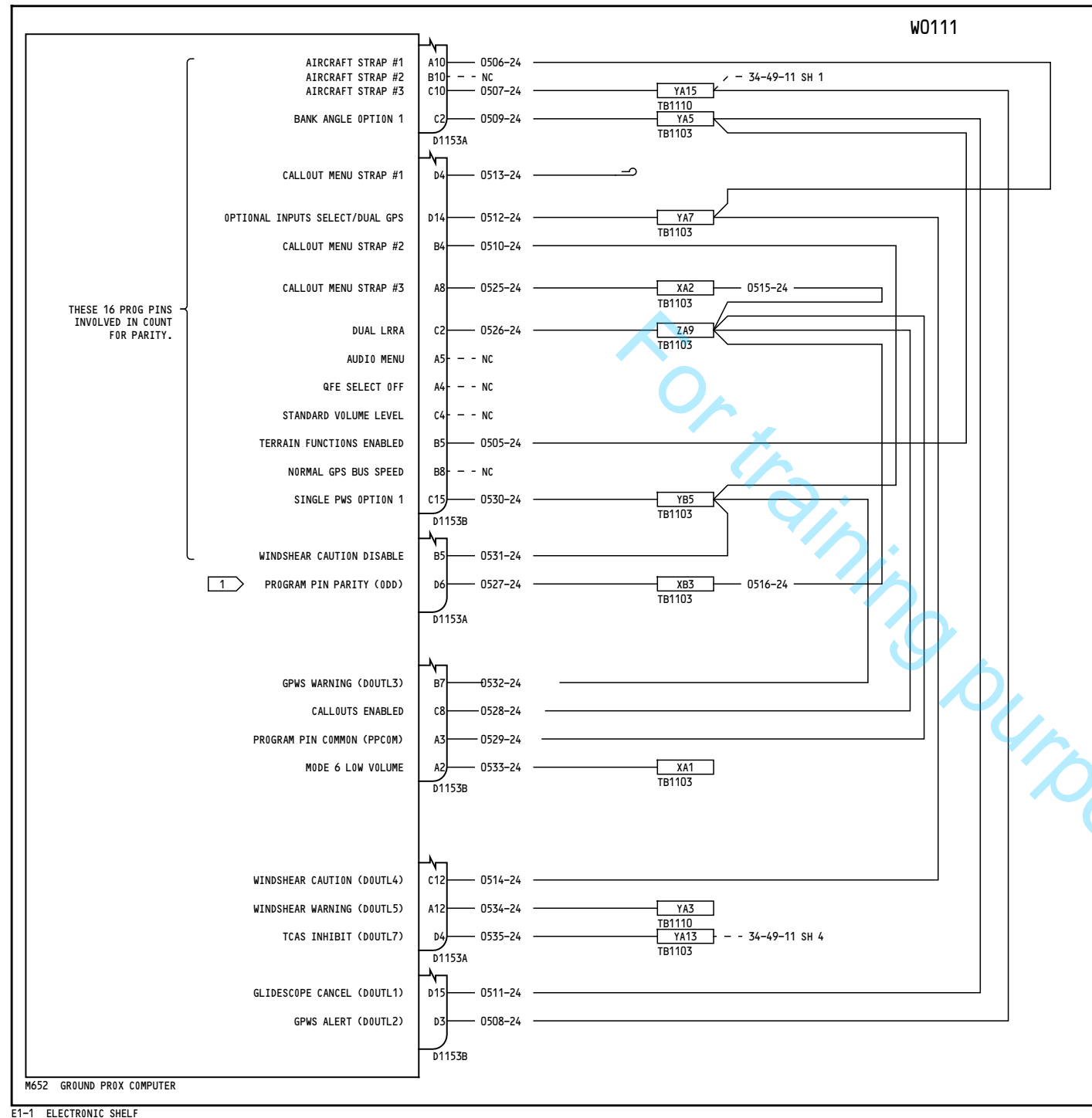
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NOTES:

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YC053, YC055

GROUND PROXIMITY WARNING

D280A108

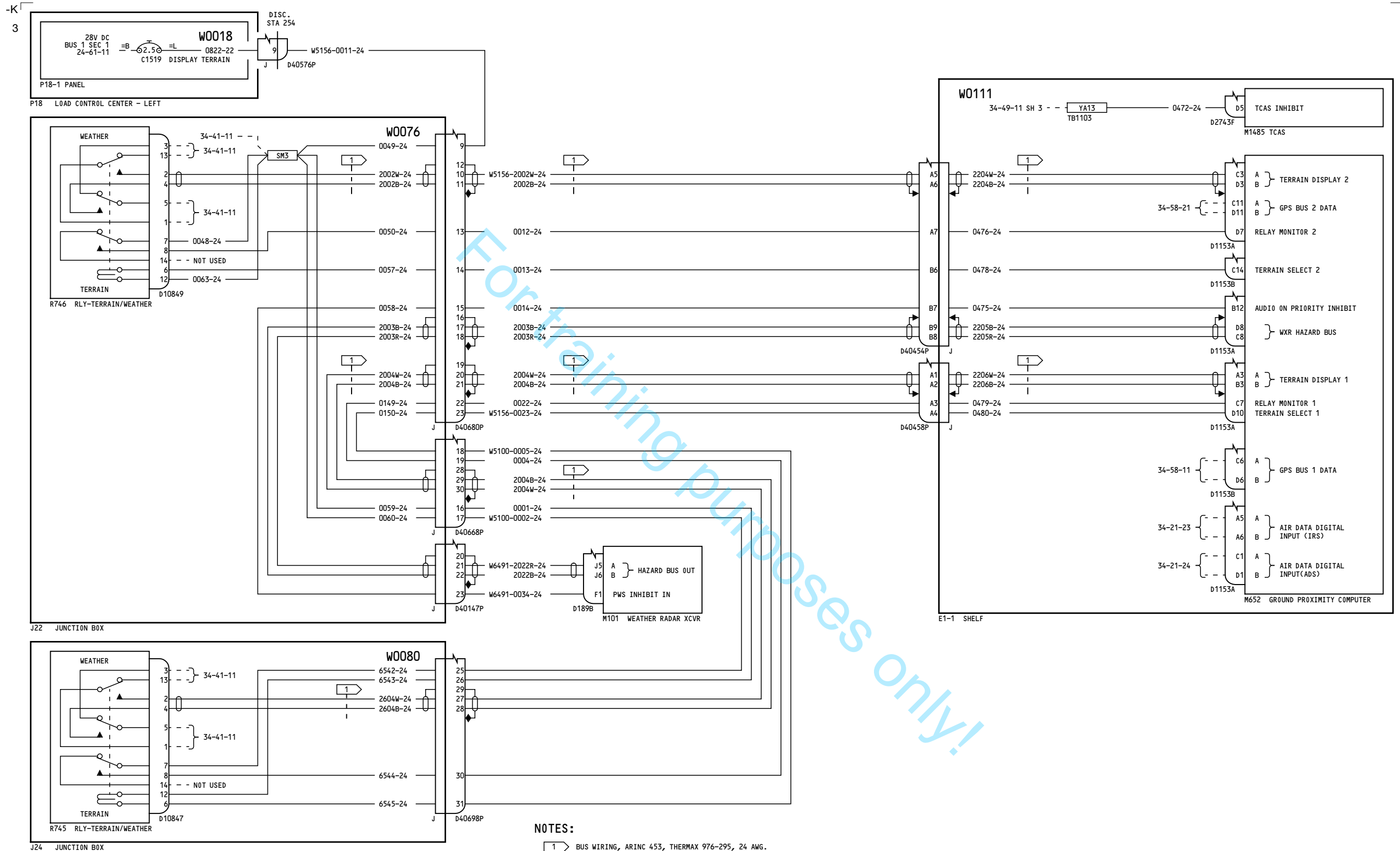
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YC053, YC055

GROUND PROXIMITY WARNING

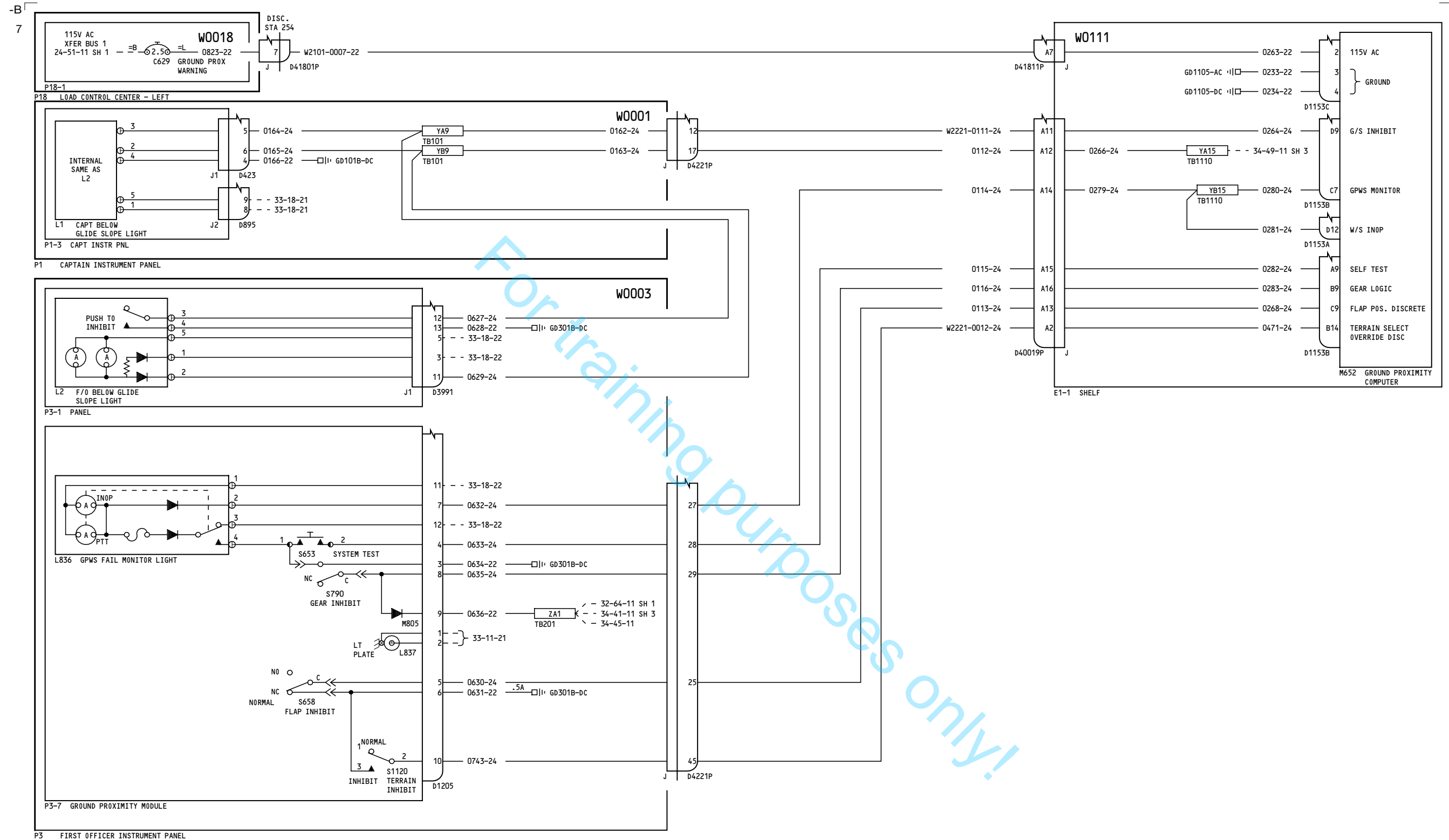
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YC065-YC070

## GROUND PROXIMITY WARNING

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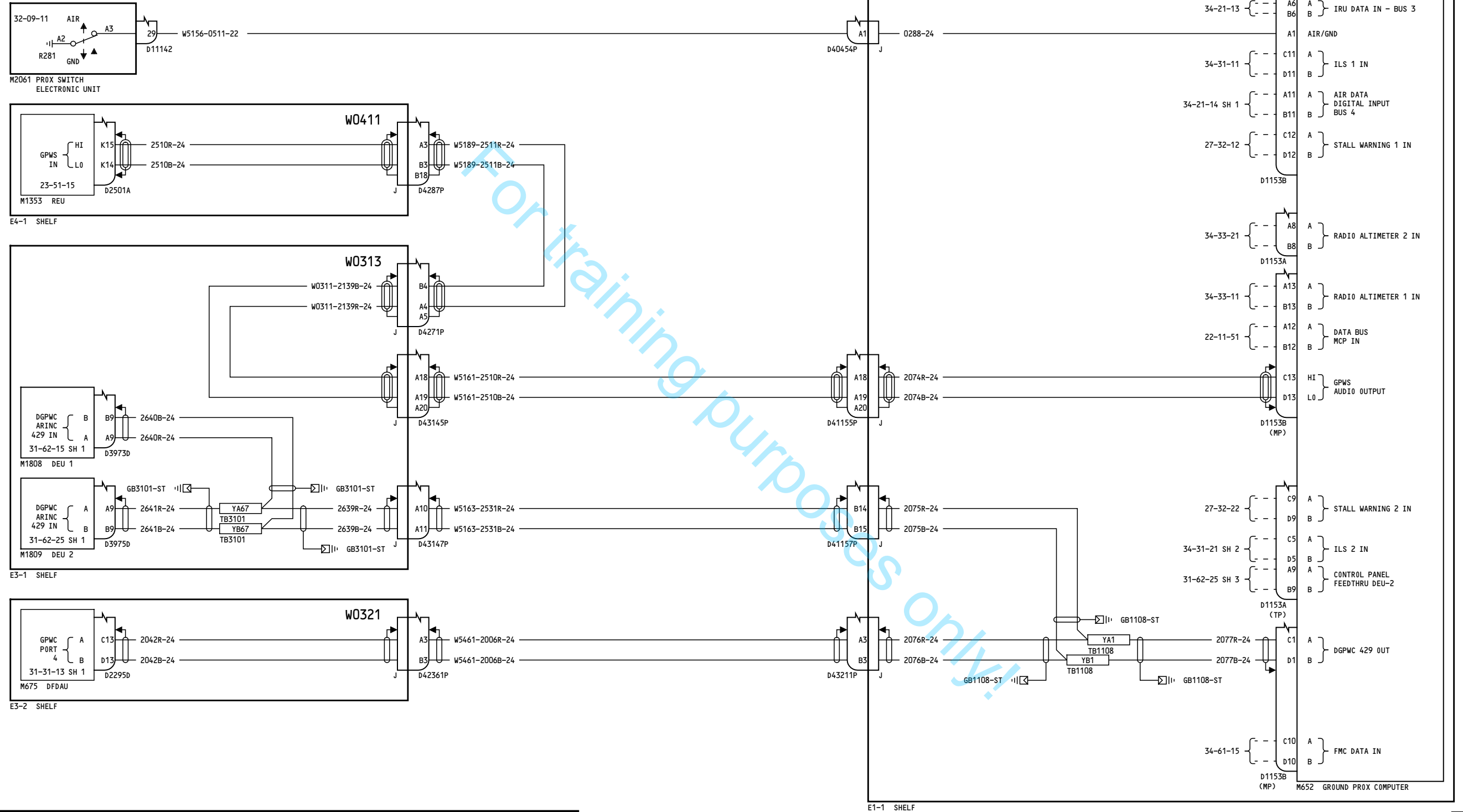
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YC065-YC070

GROUND PROXIMITY WARNING

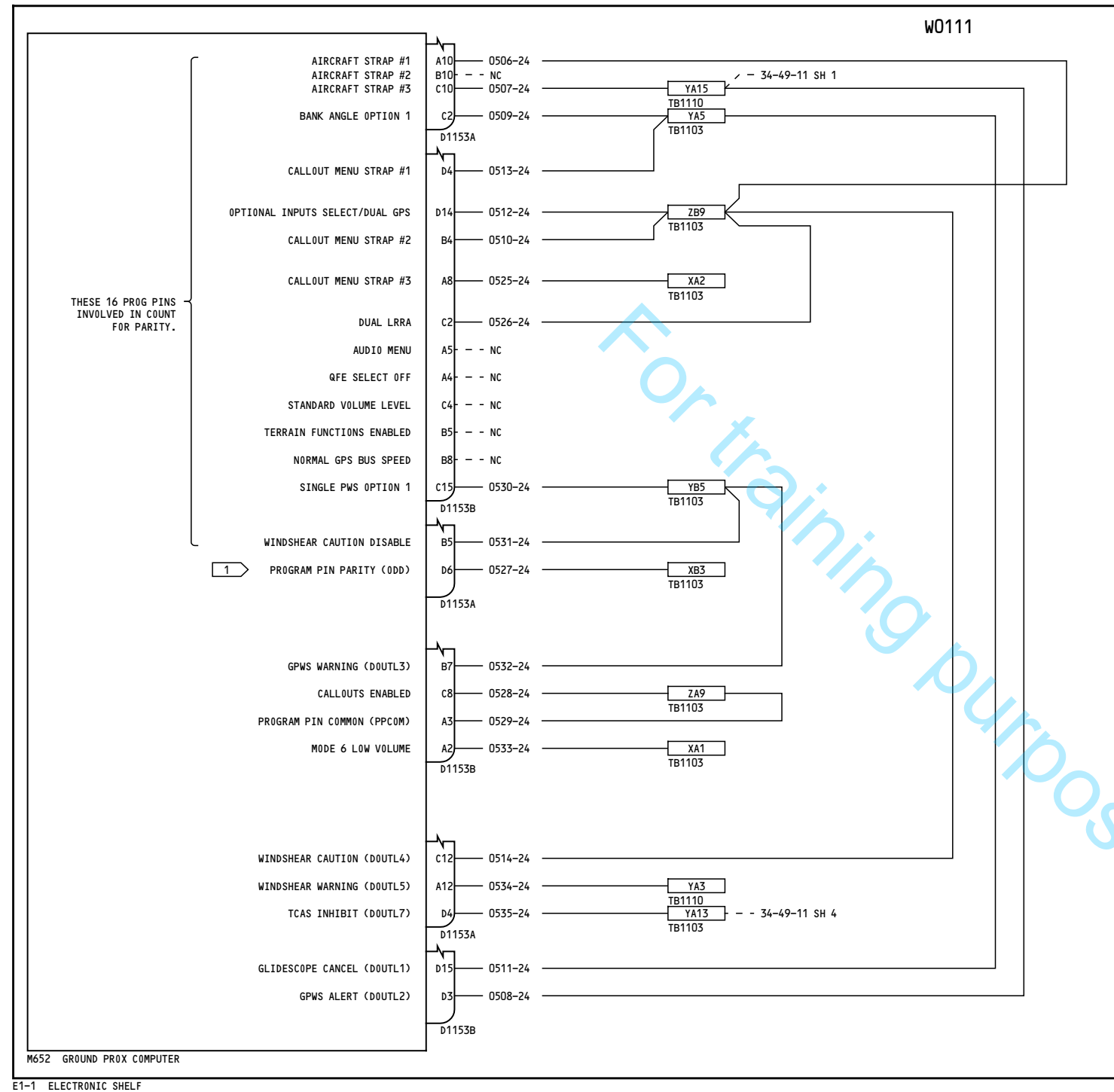
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**NOTES:**

1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YC065-YC070

**GROUND PROXIMITY WARNING**

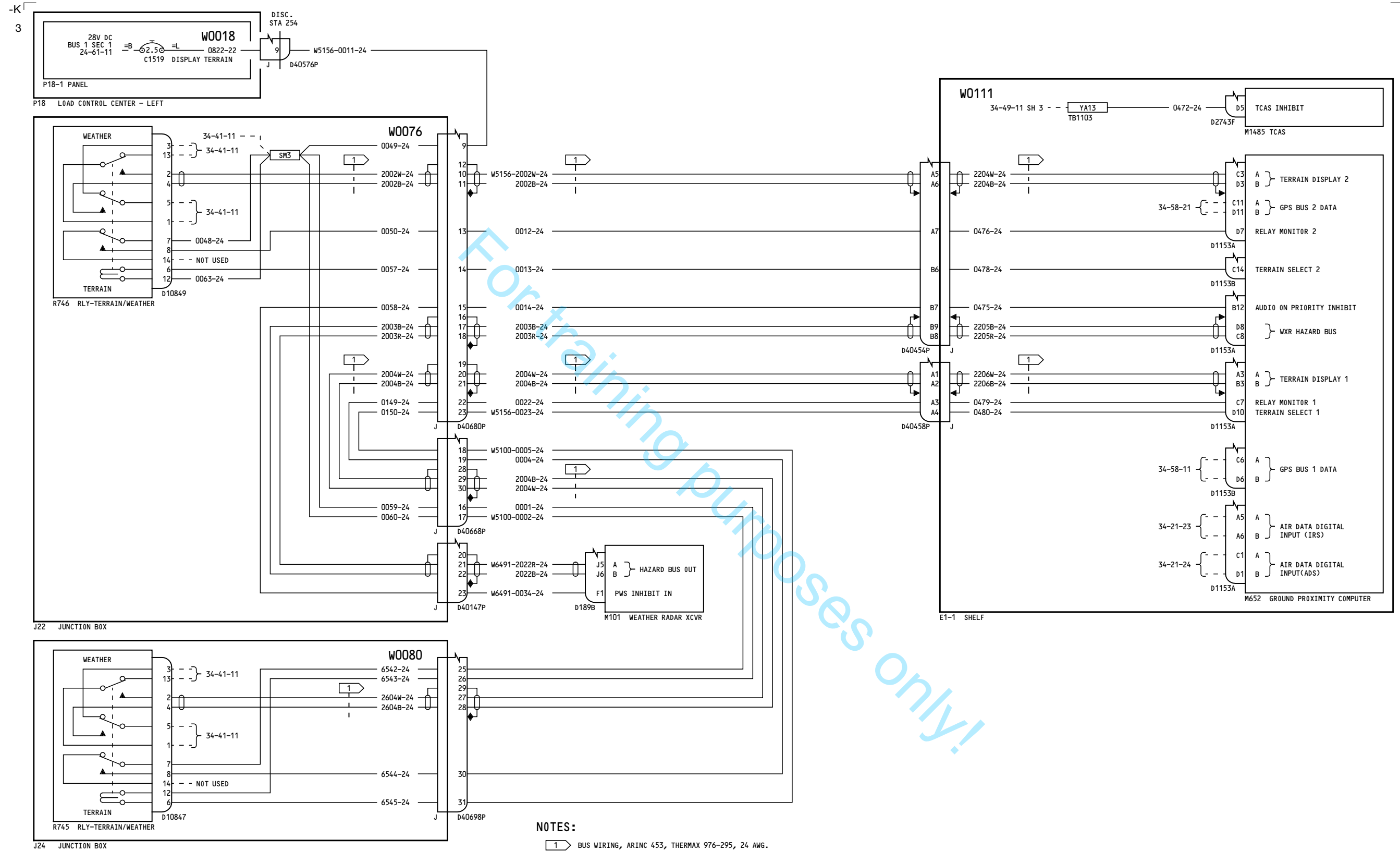
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YC065-YC070

## GROUND PROXIMITY WARNING

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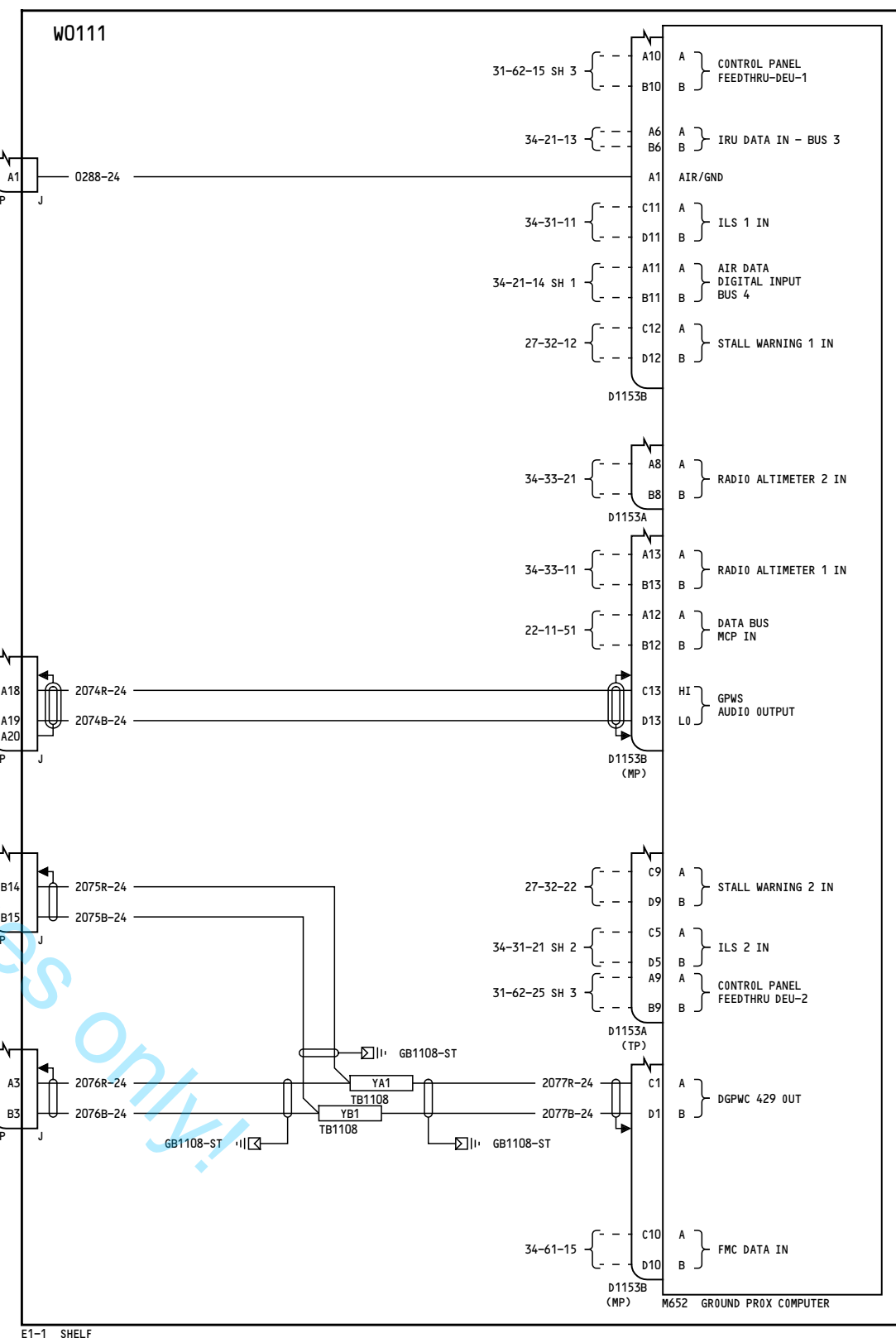
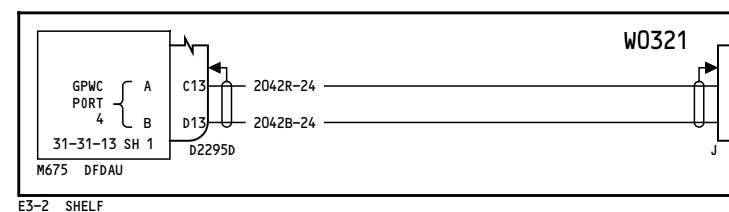
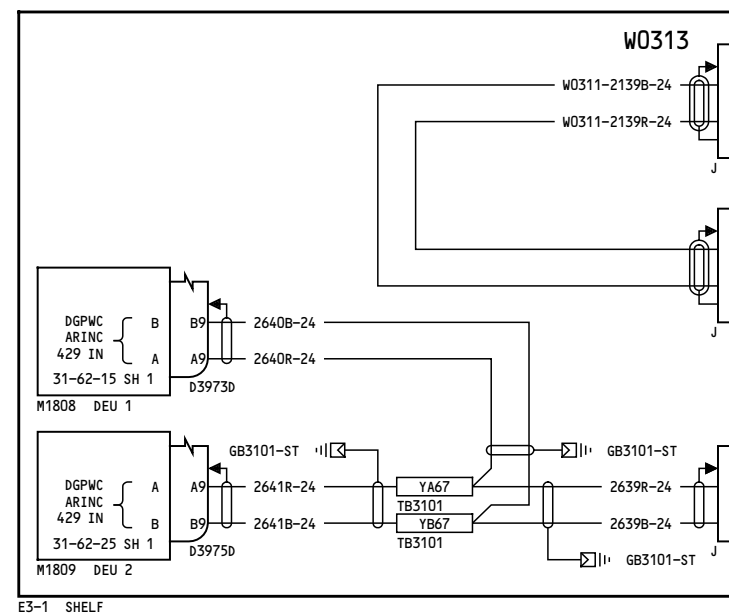
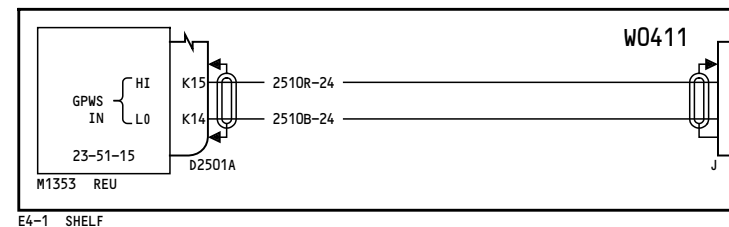
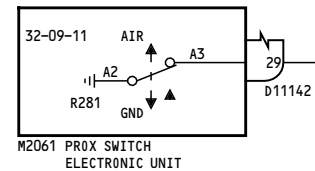
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YD151-YD153

GROUND PROXIMITY WARNING

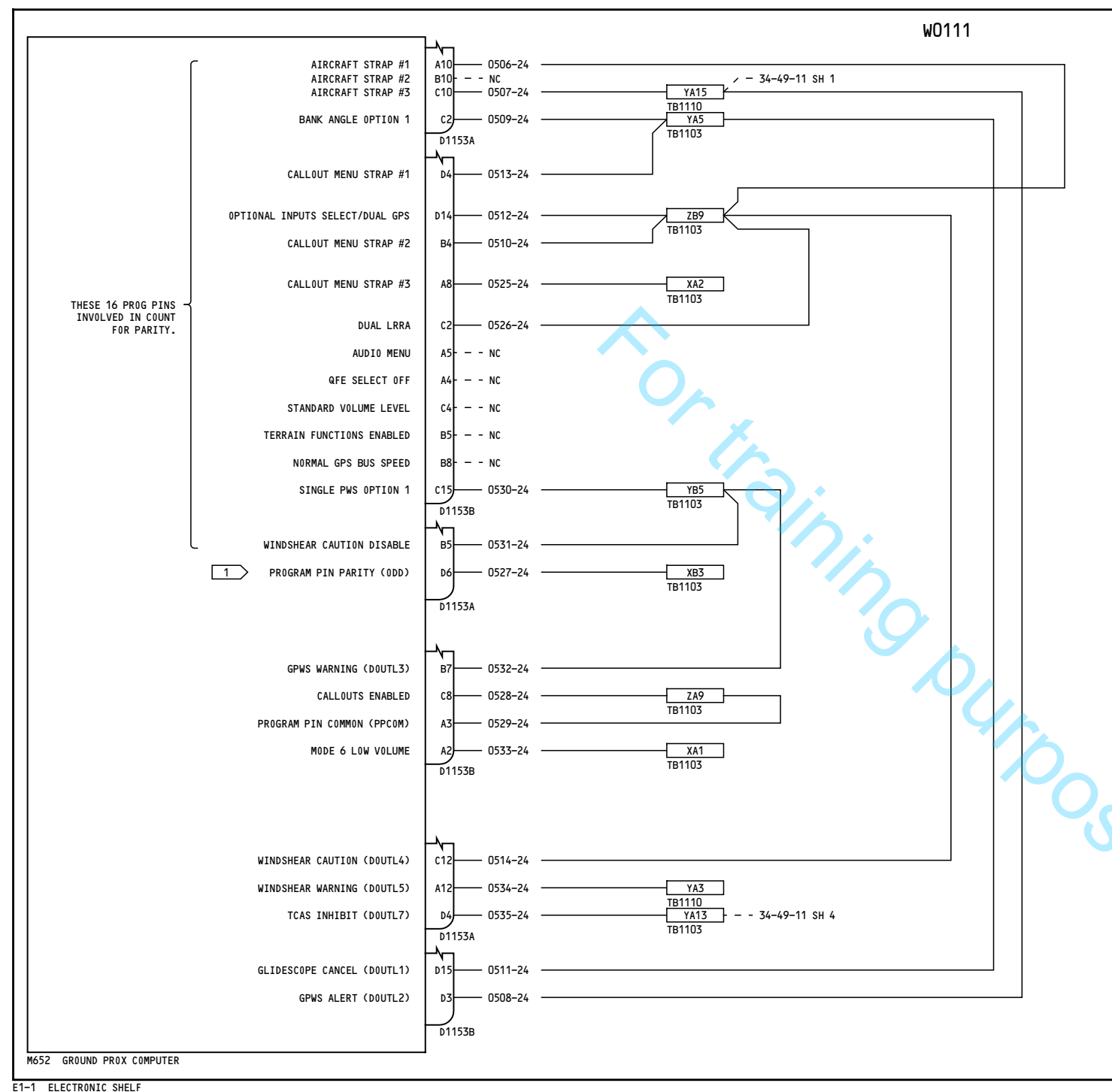
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YD151-YD153

**GROUND PROXIMITY WARNING**

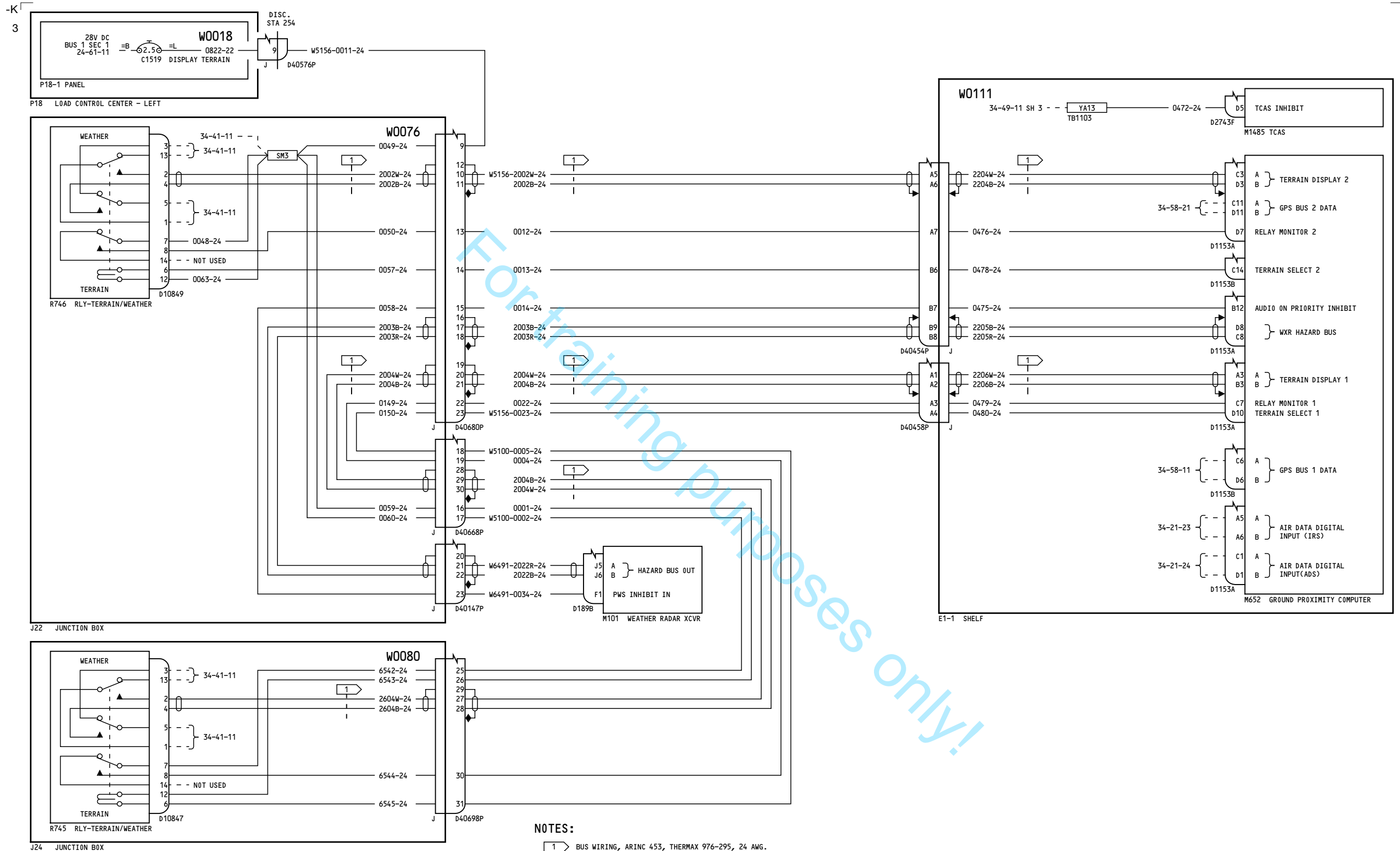
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YD151-YD153

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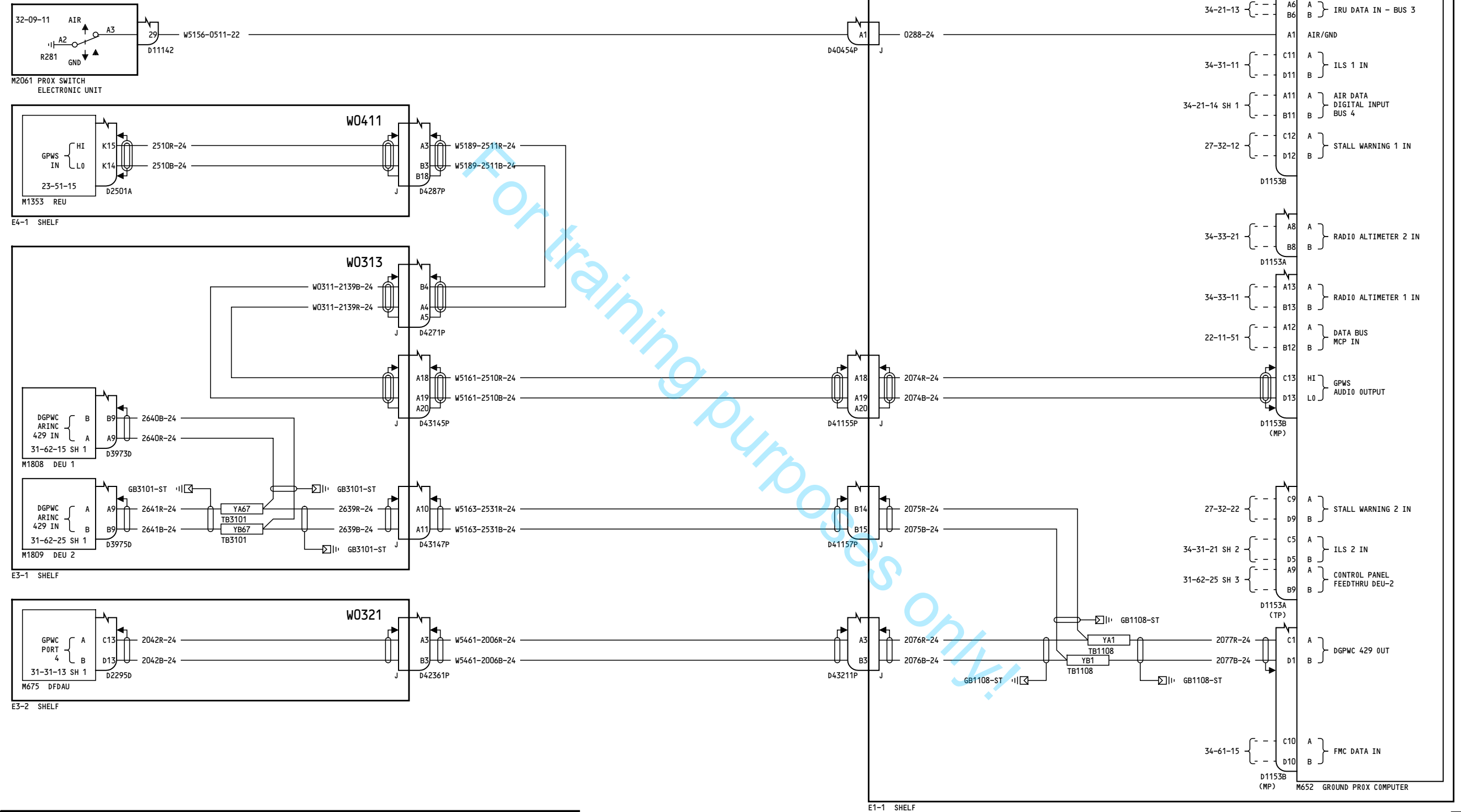
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YD154-YD170

## GROUND PROXIMITY WARNING

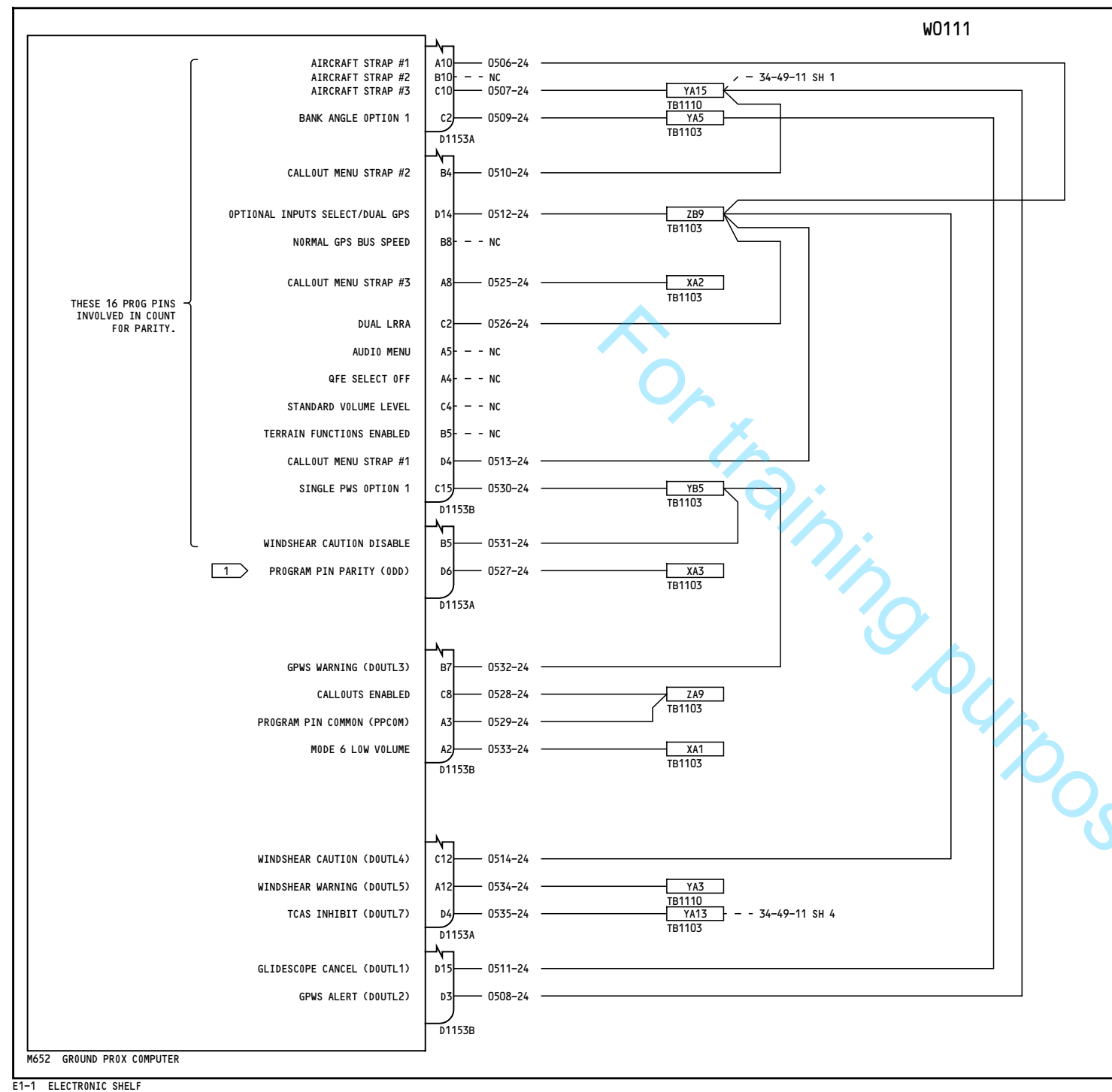
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YD154-YD170

**GROUND PROXIMITY WARNING**

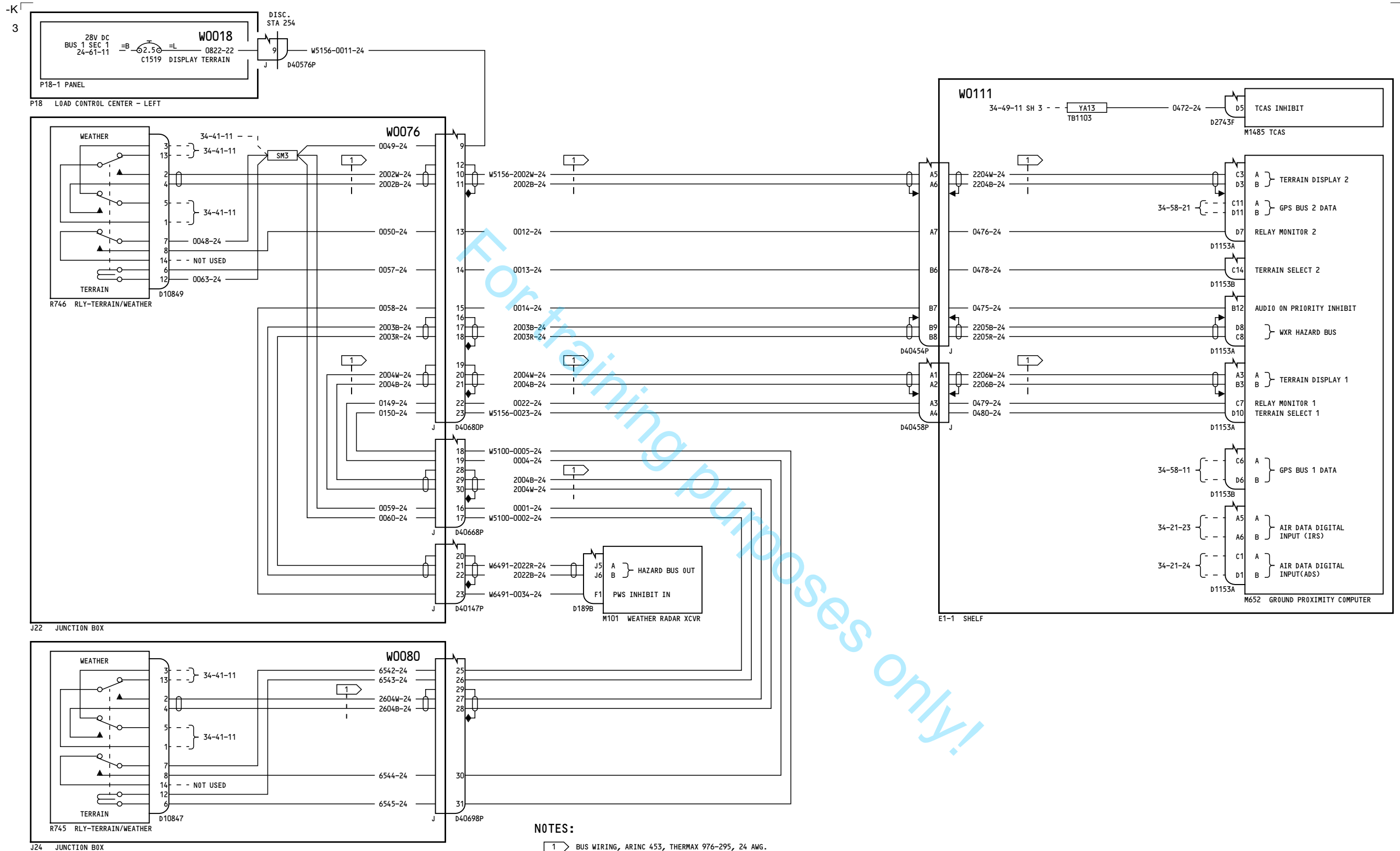
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YD154-YD170

GROUND PROXIMITY WARNING

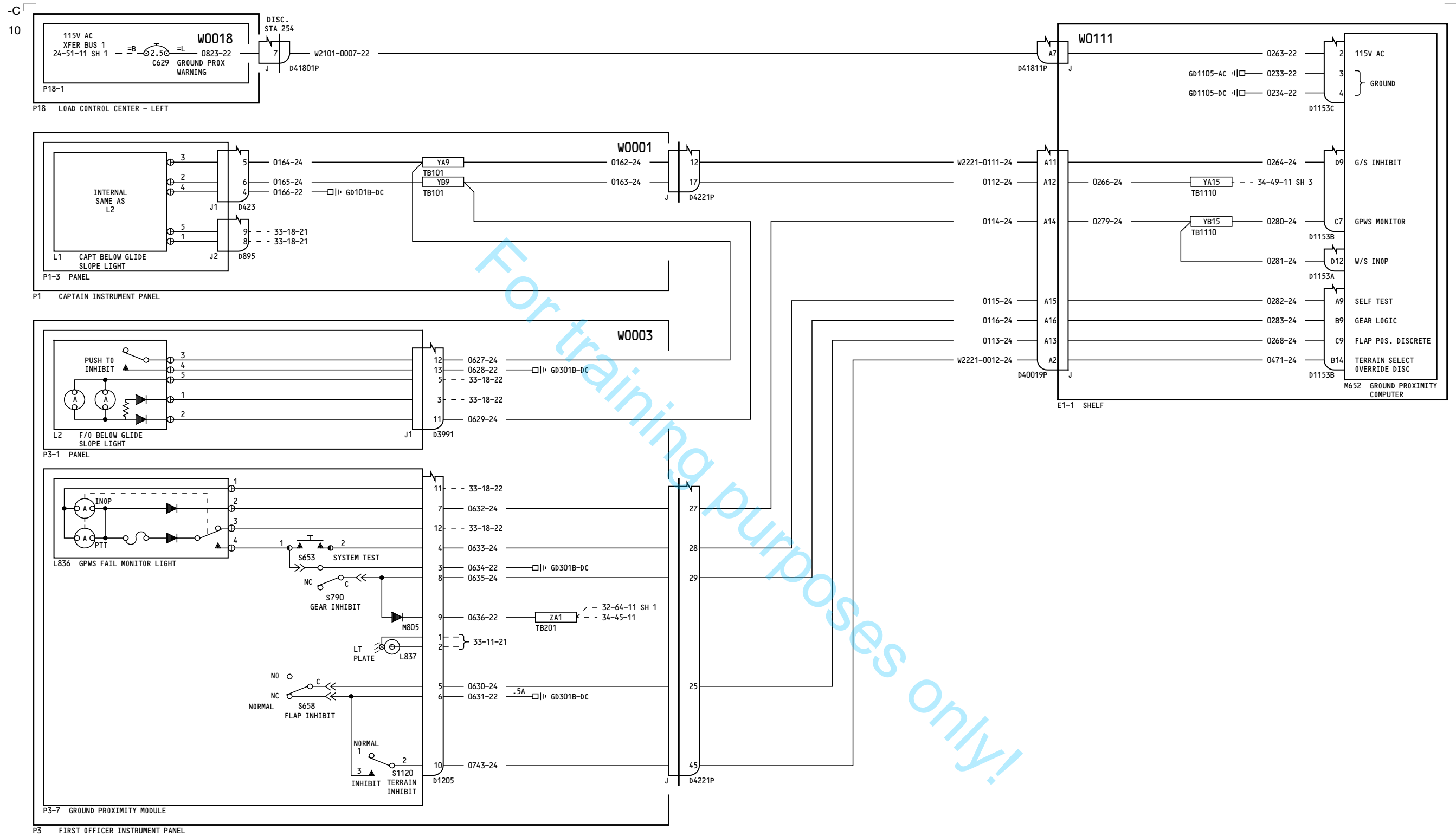
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YL951-YL952

GROUND PROXIMITY WARNING

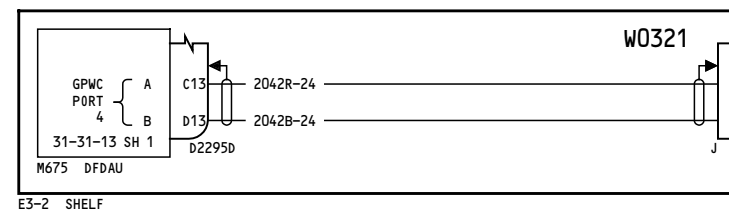
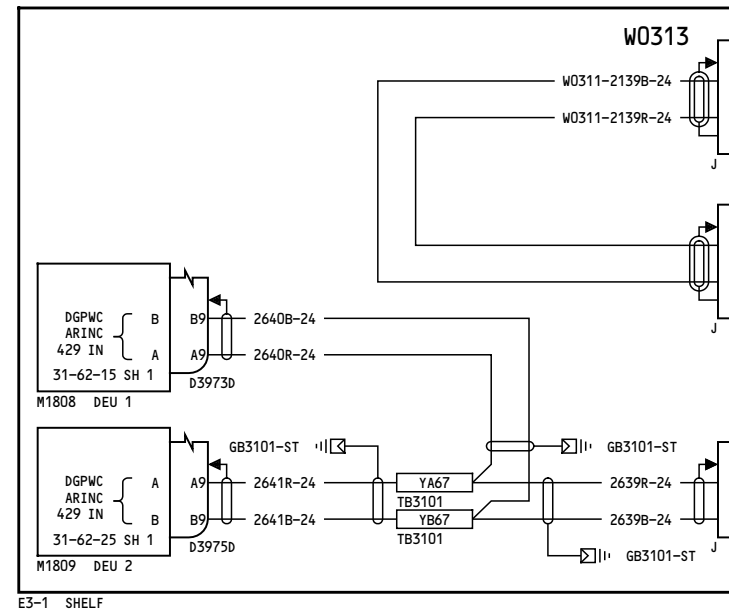
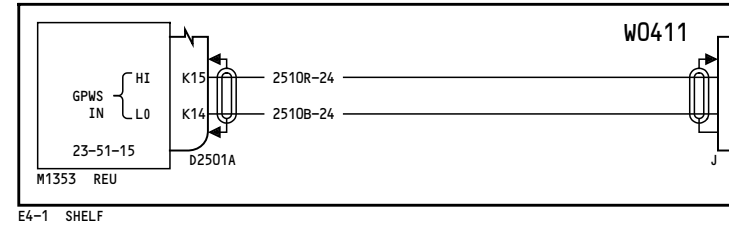
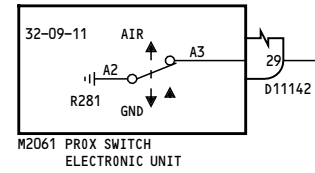
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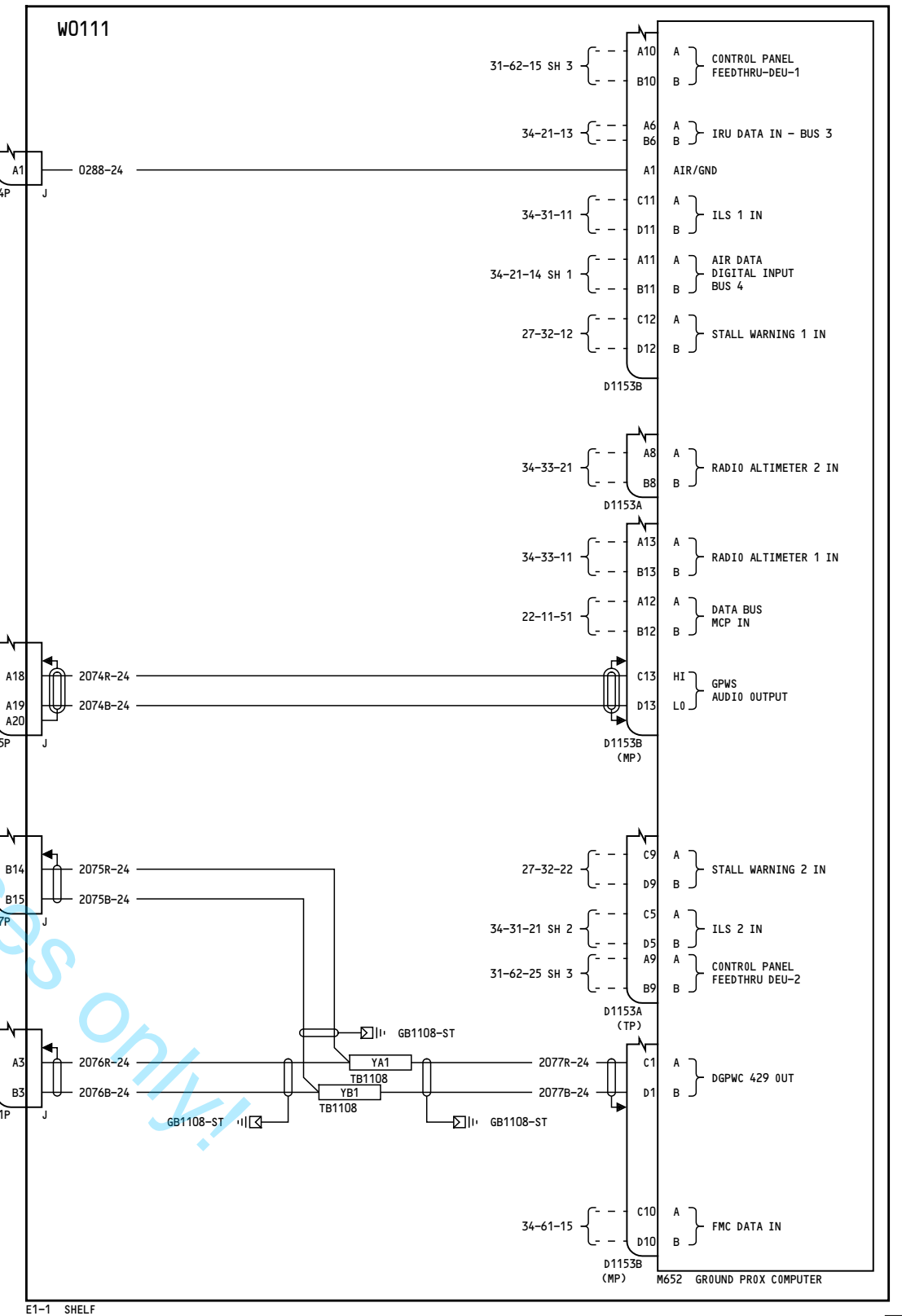
YL951-YL952

GROUND PROXIMITY WARNING

D280A108

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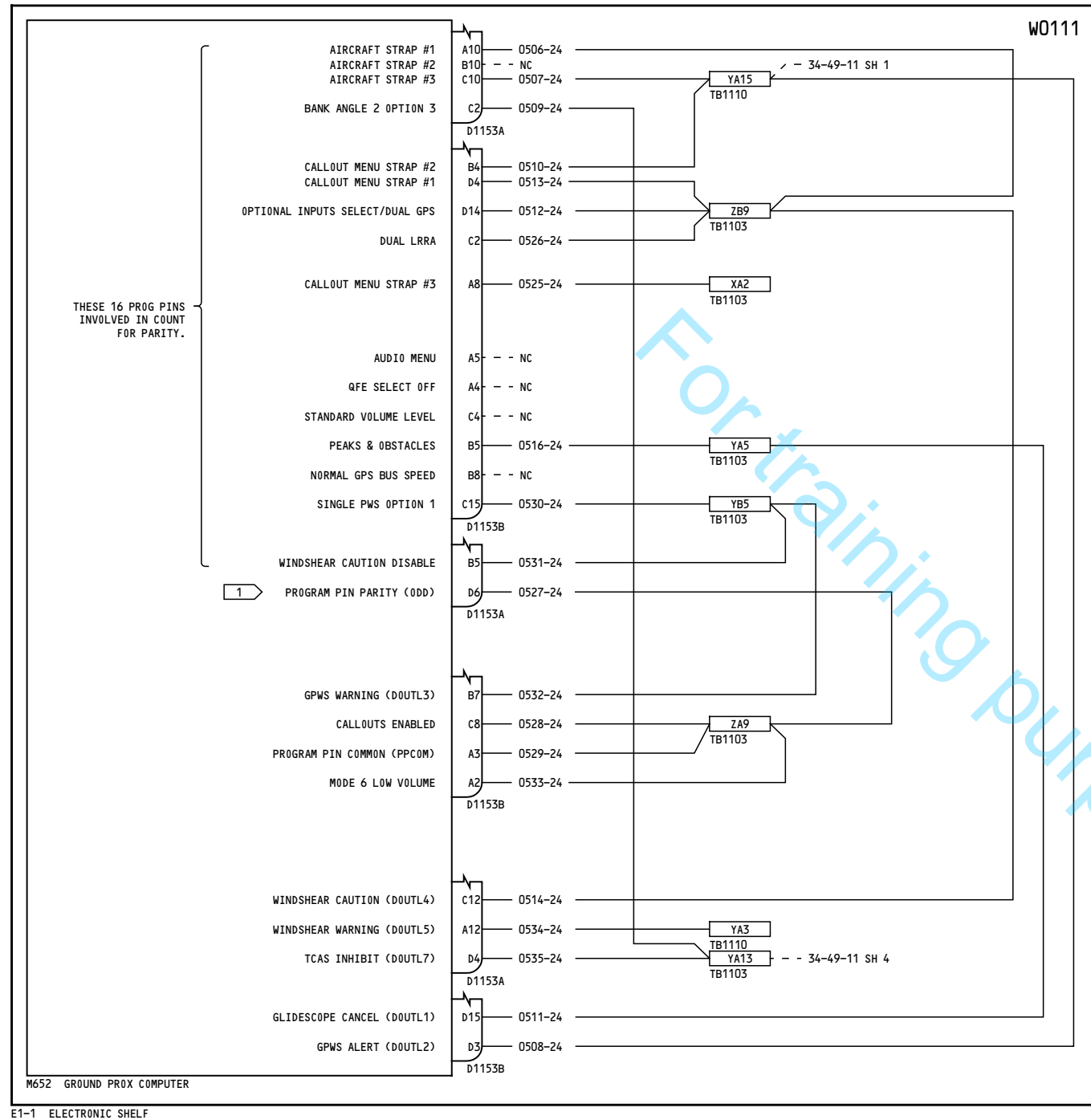
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E1-1 SHELF

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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YL951-YL952

**GROUND PROXIMITY WARNING**

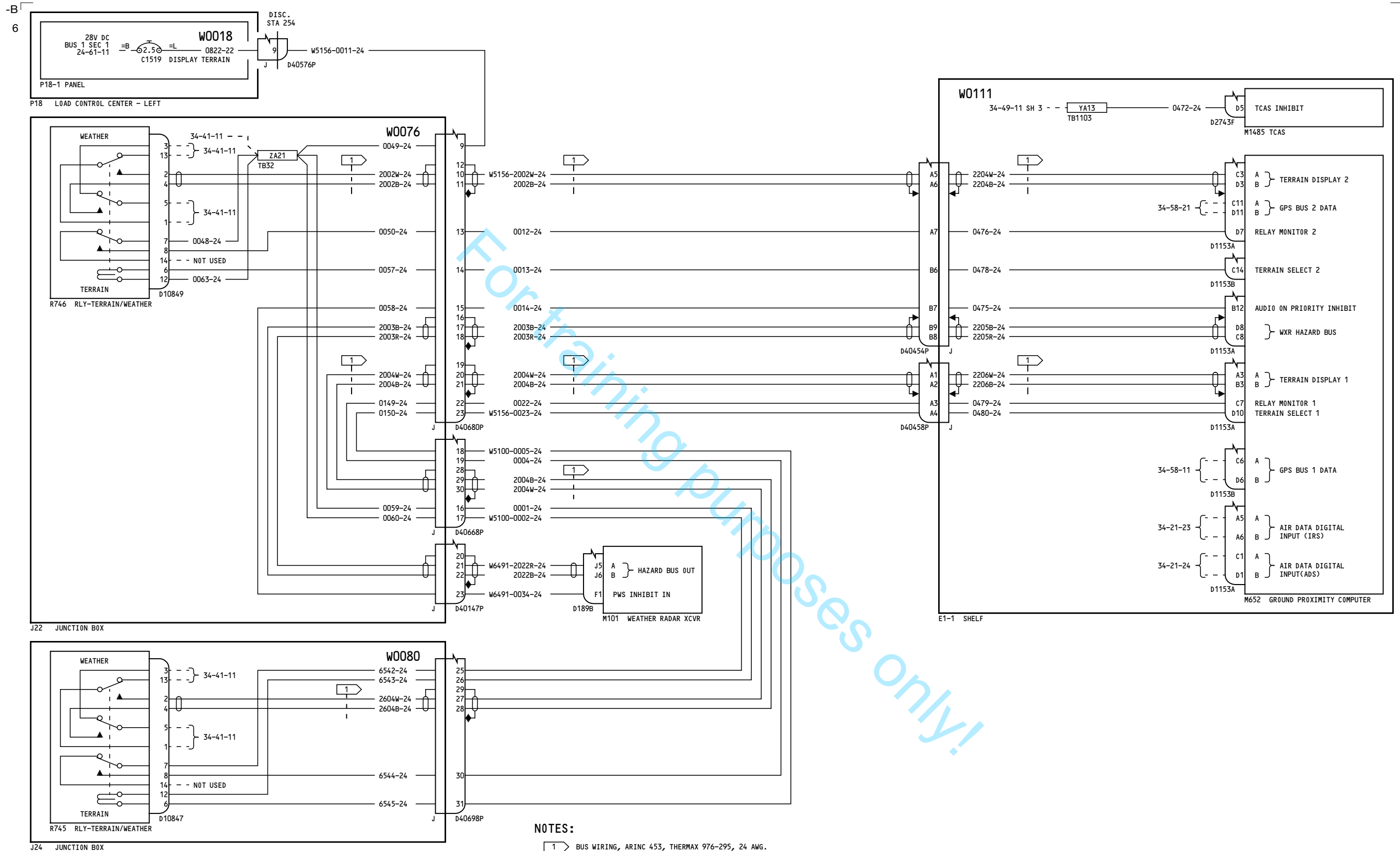
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YL951-YL952

GROUND PROXIMITY WARNING

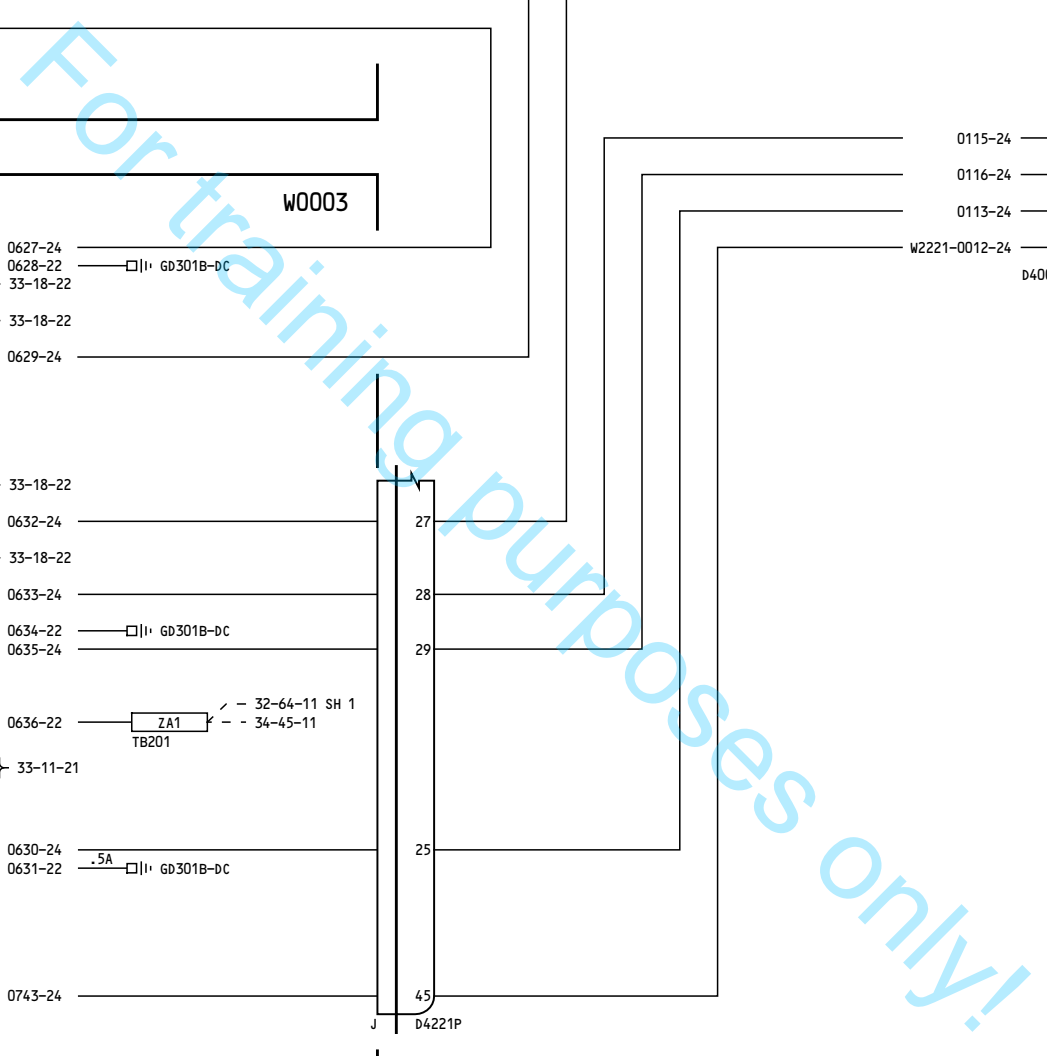
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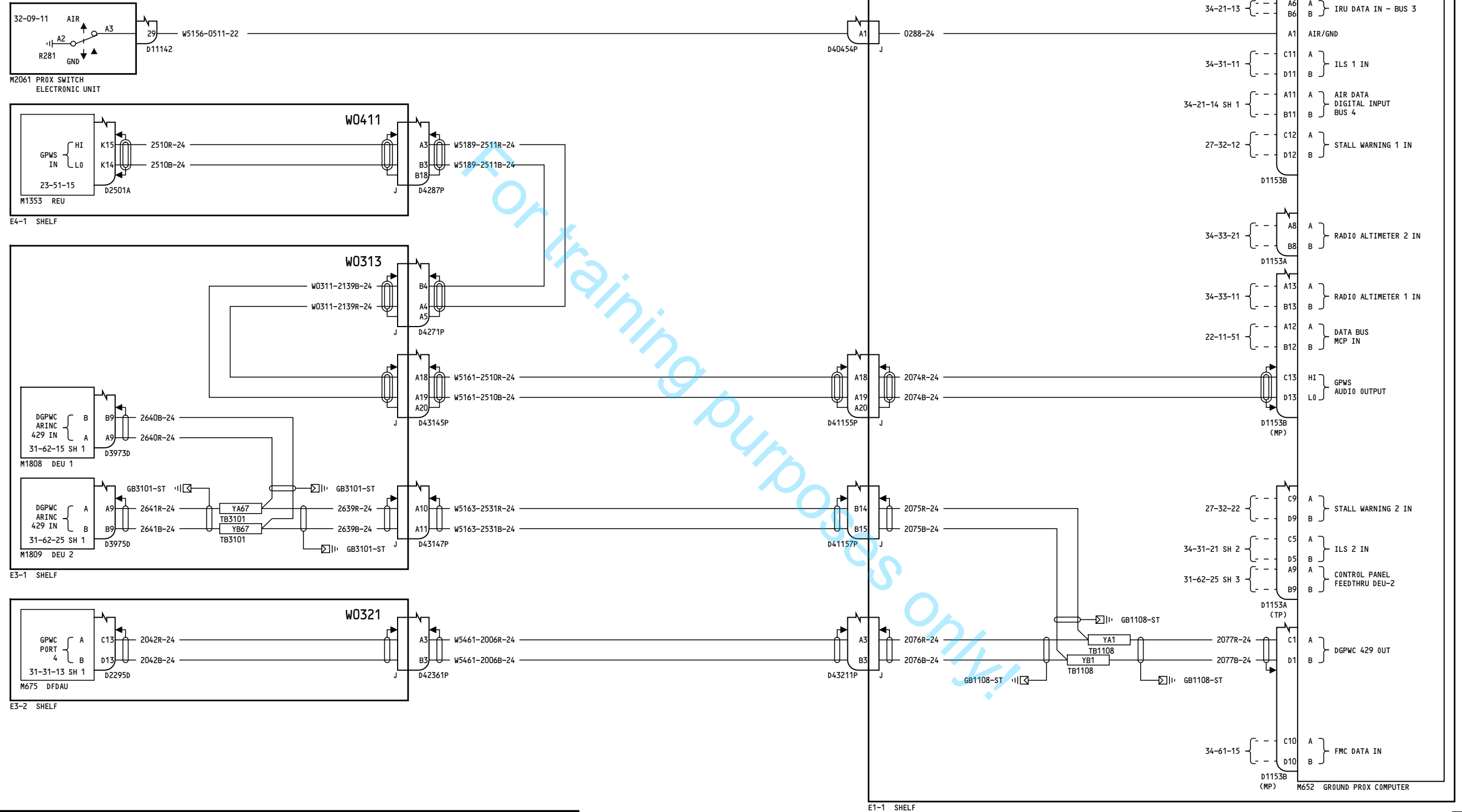
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YL953-YL955

**GROUND PROXIMITY WARNING**

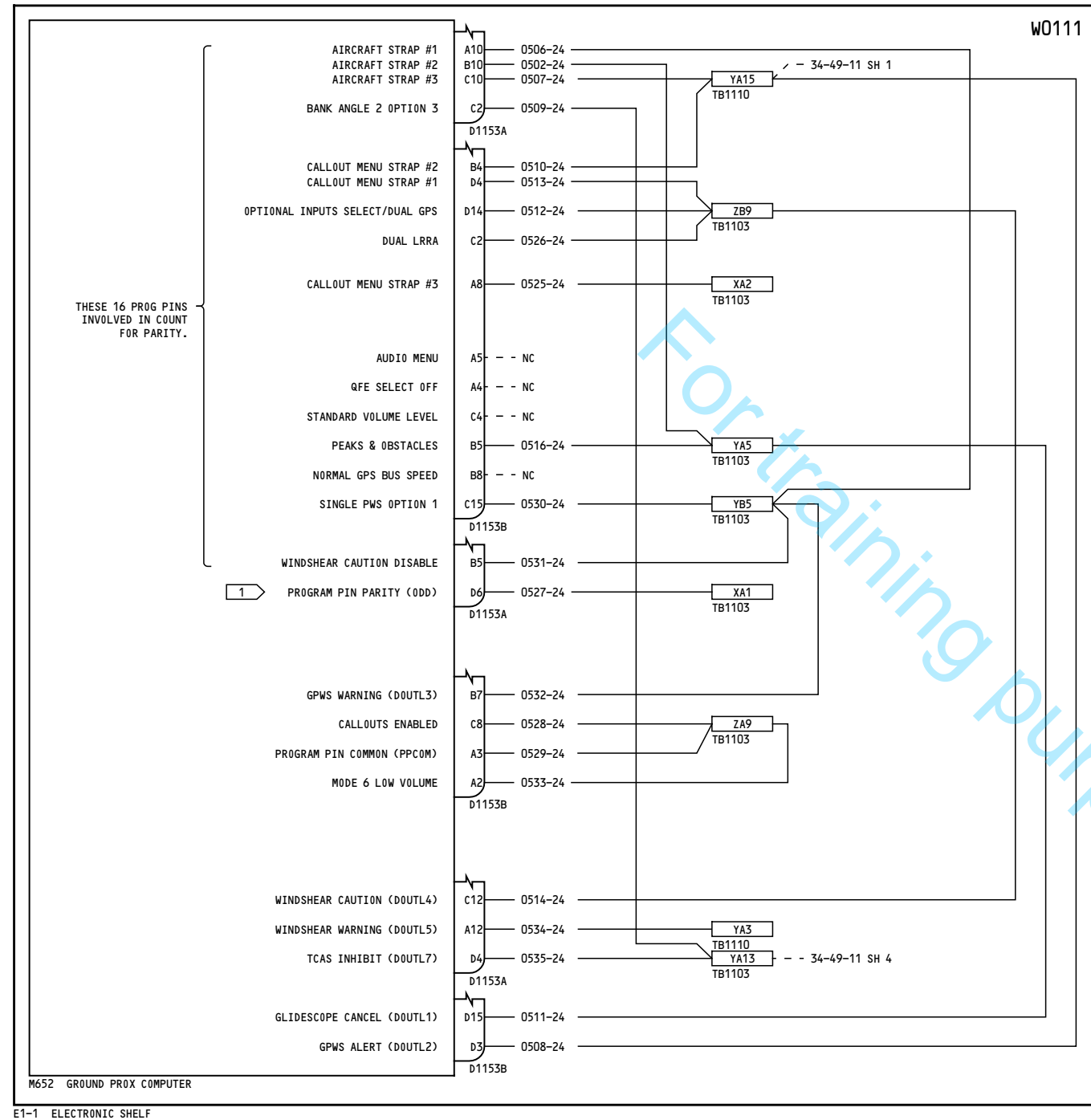
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YL953-YL955

**GROUND PROXIMITY WARNING**

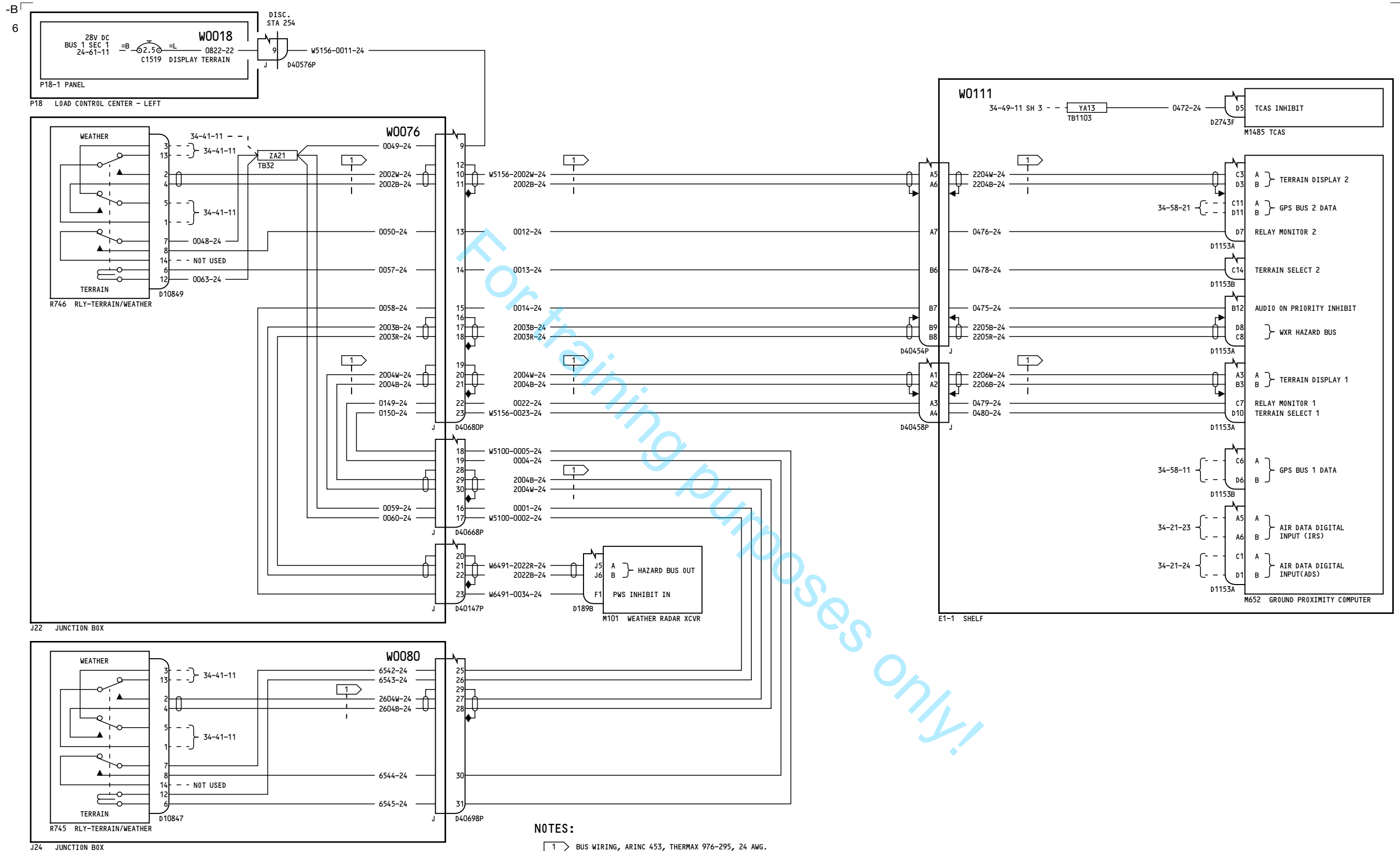
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YL953-YL955

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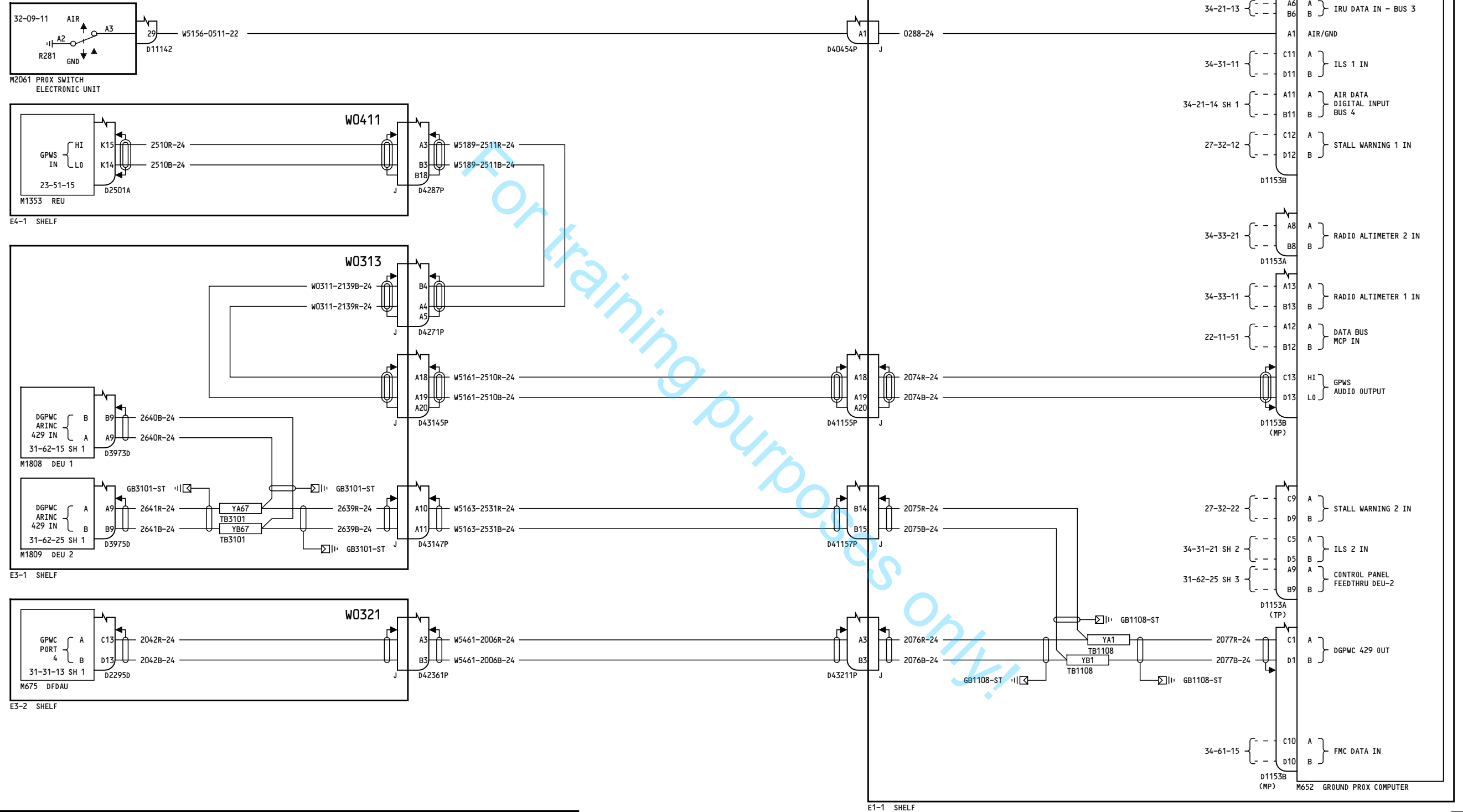
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YL956-YL999

GROUND PROXIMITY WARNING

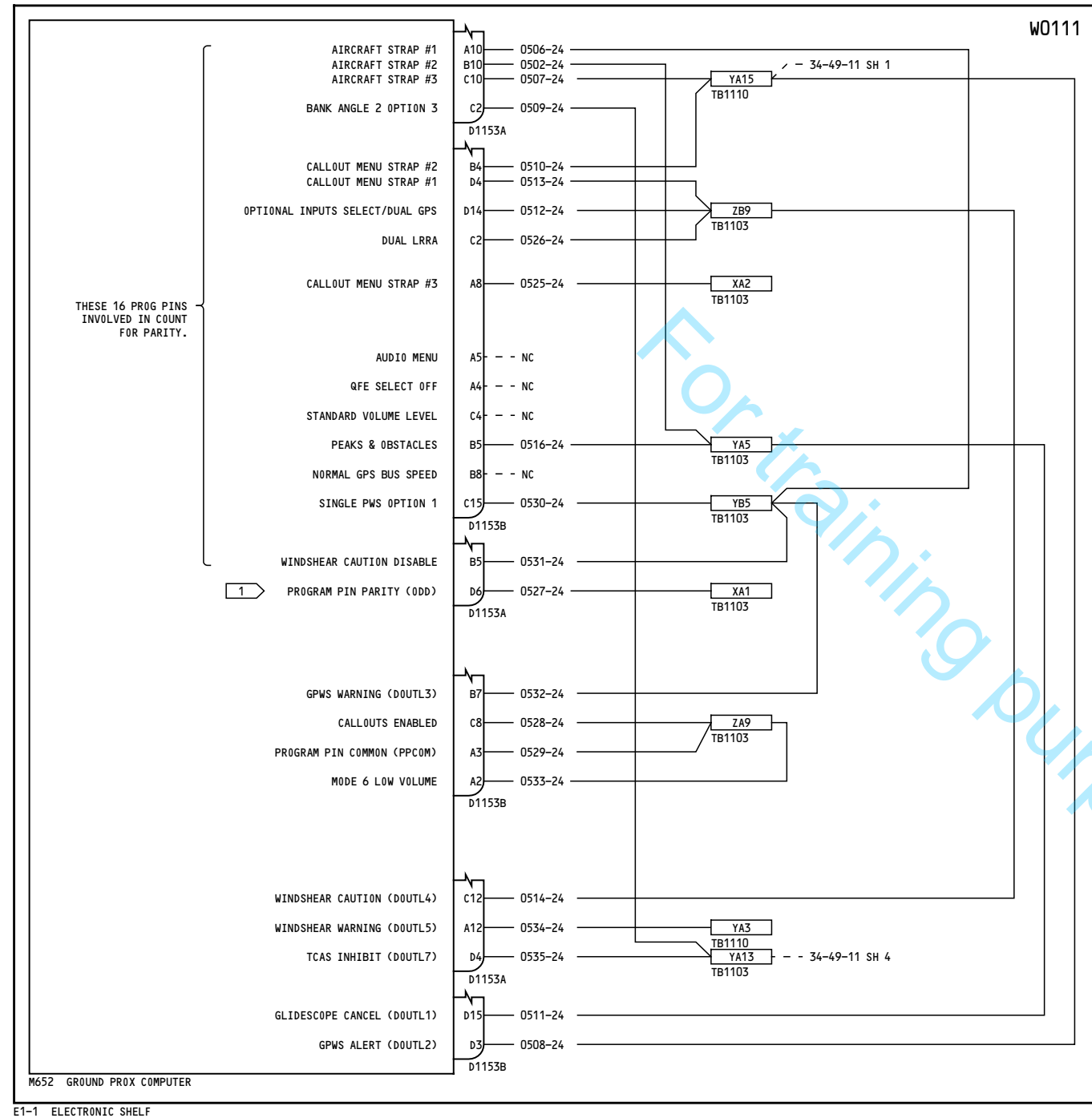
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YL956-YL999

**GROUND PROXIMITY WARNING**

D280A108

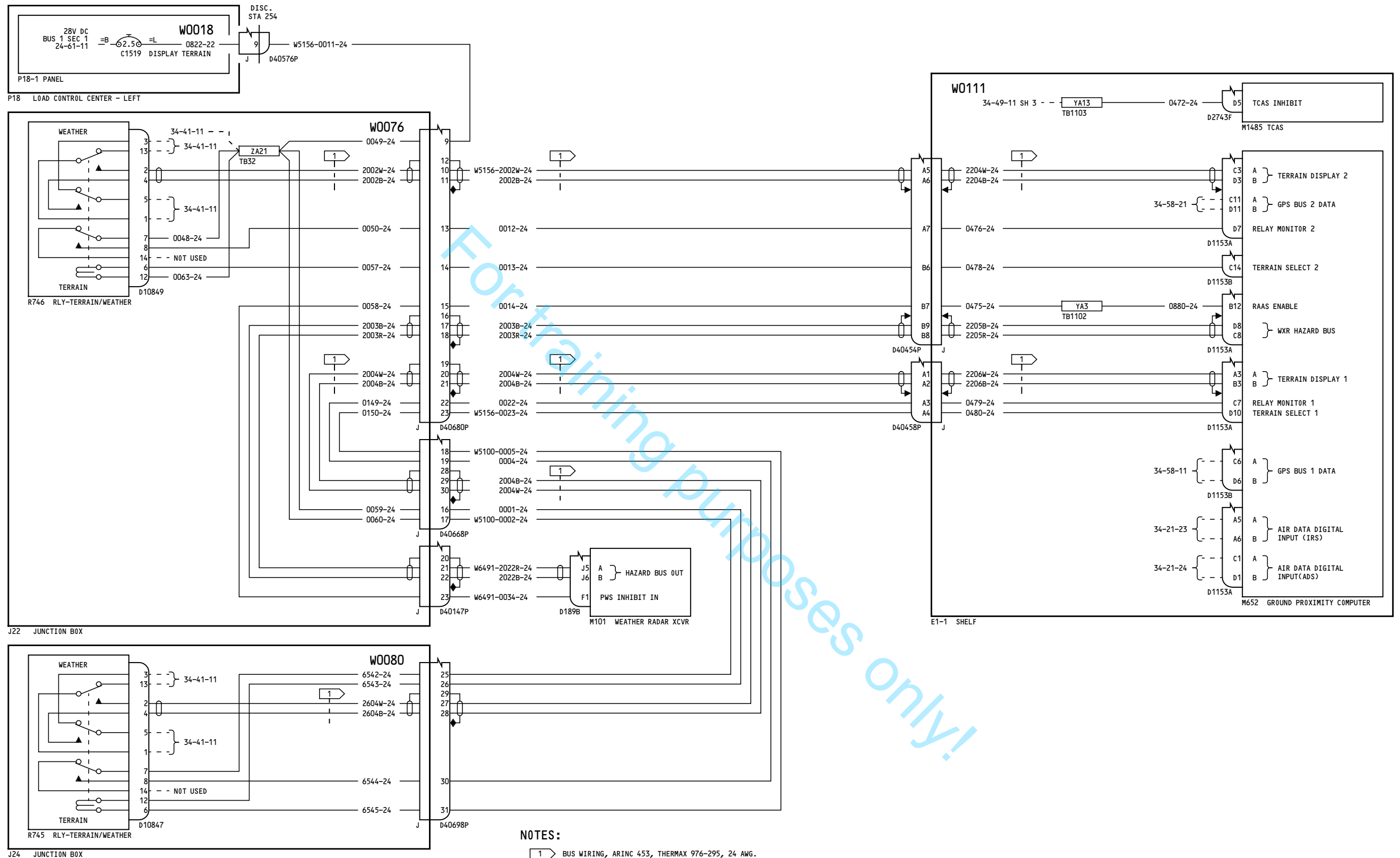
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YL956-YL999

GROUND PROXIMITY WARNING

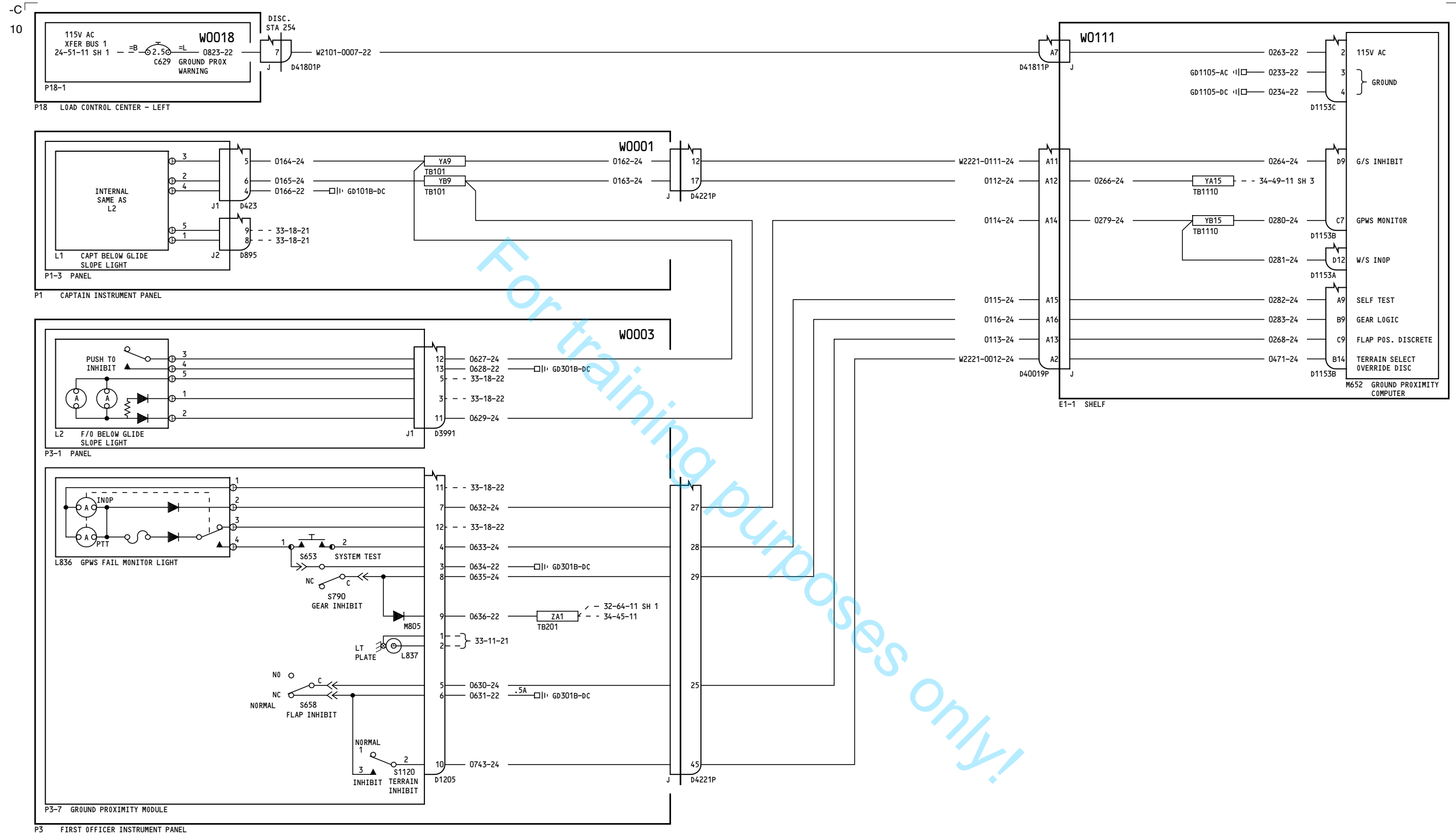
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YN231-YN235

## GROUND PROXIMITY WARNING

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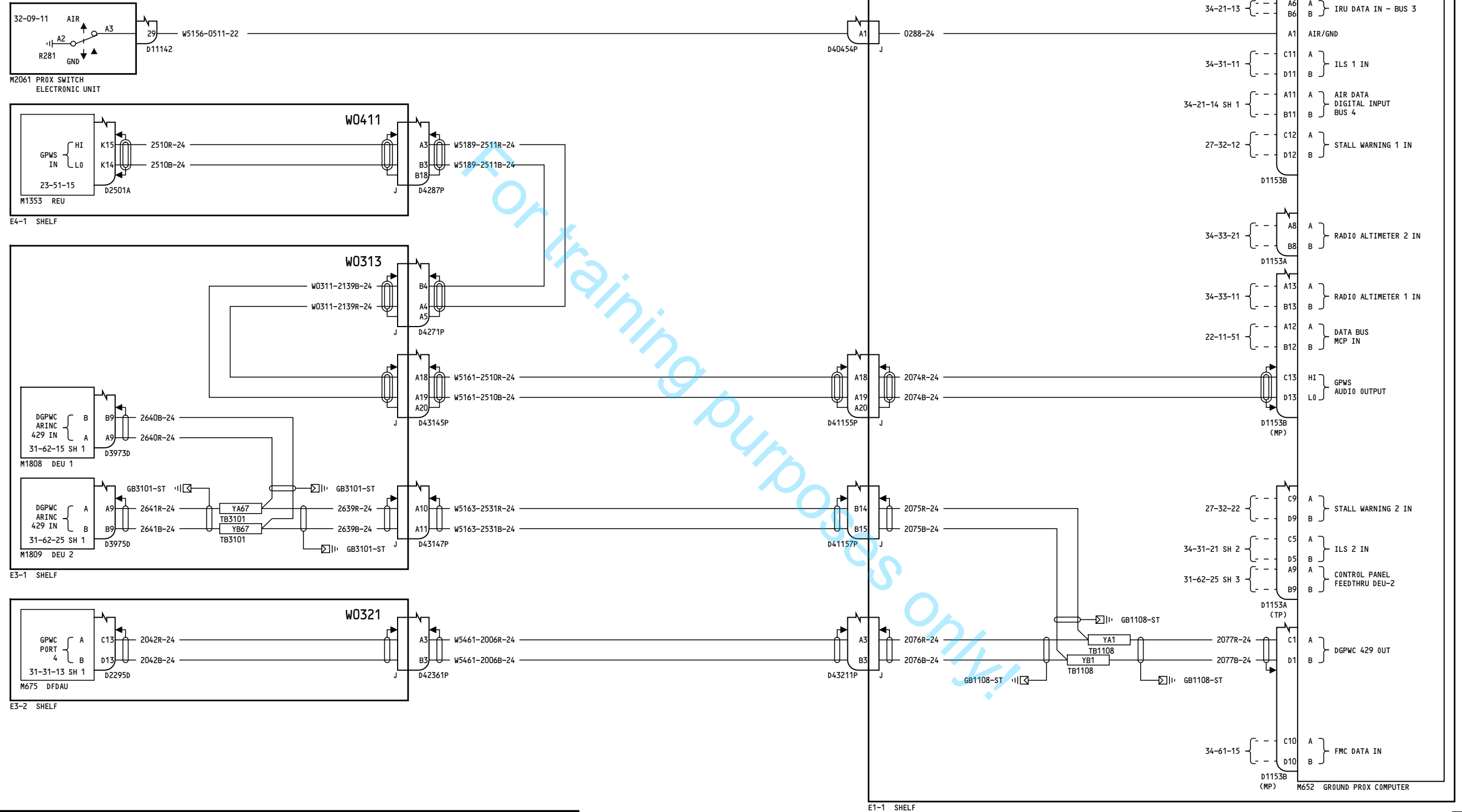
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YN231-YN235

**GROUND PROXIMITY WARNING**

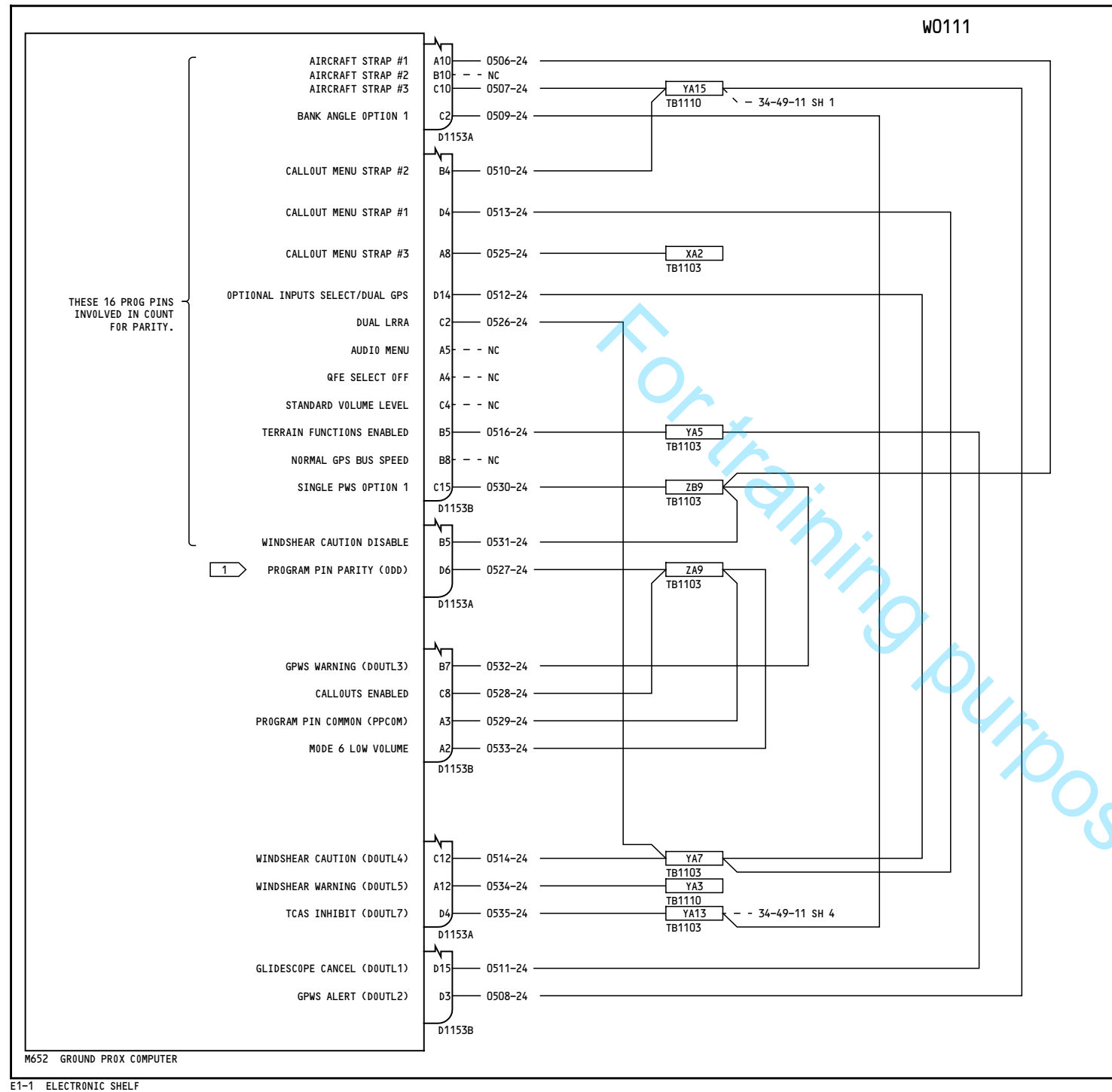
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YN231-YN235

**GROUND PROXIMITY WARNING**

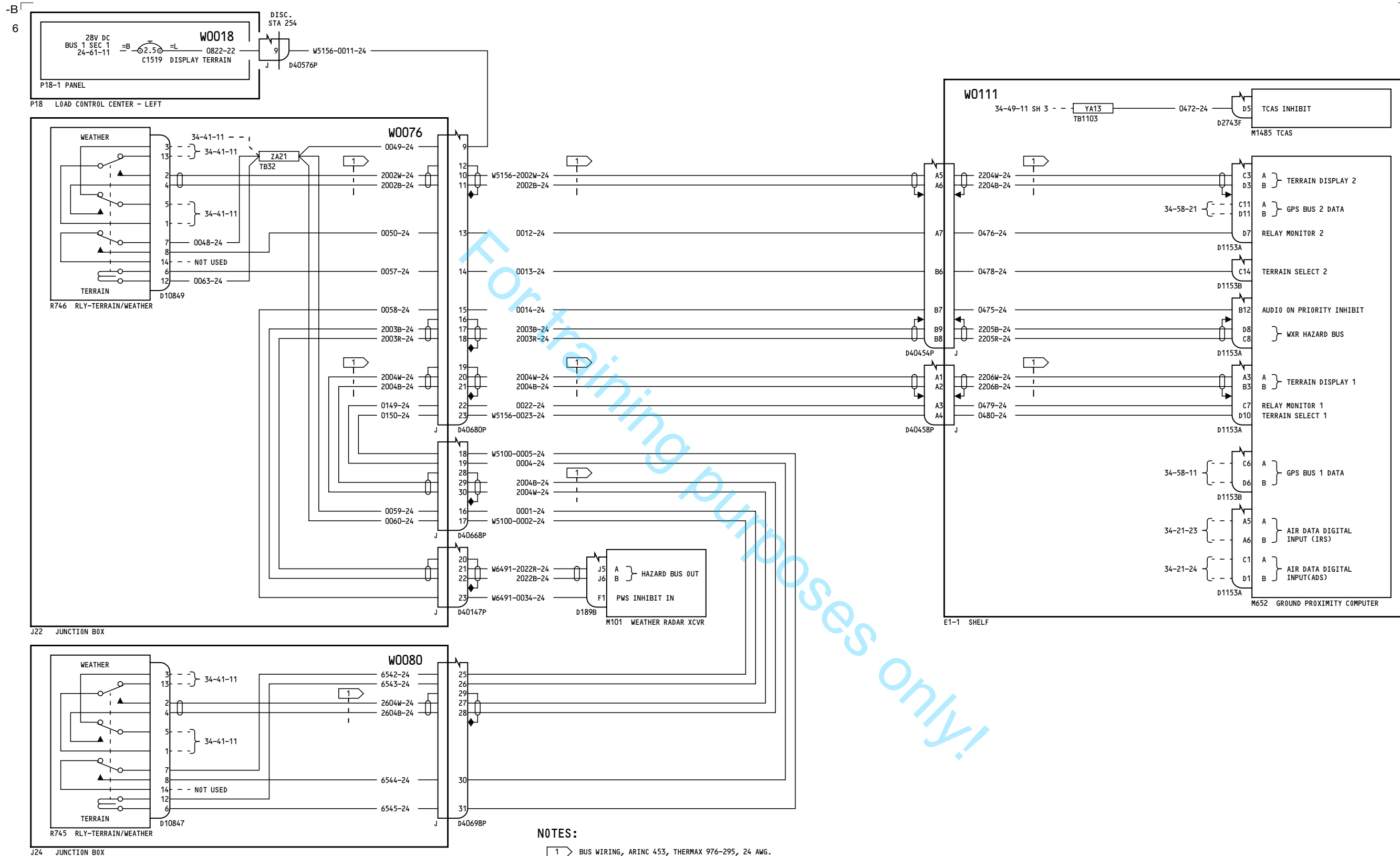
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YN231-YN235

GROUND PROXIMITY WARNING

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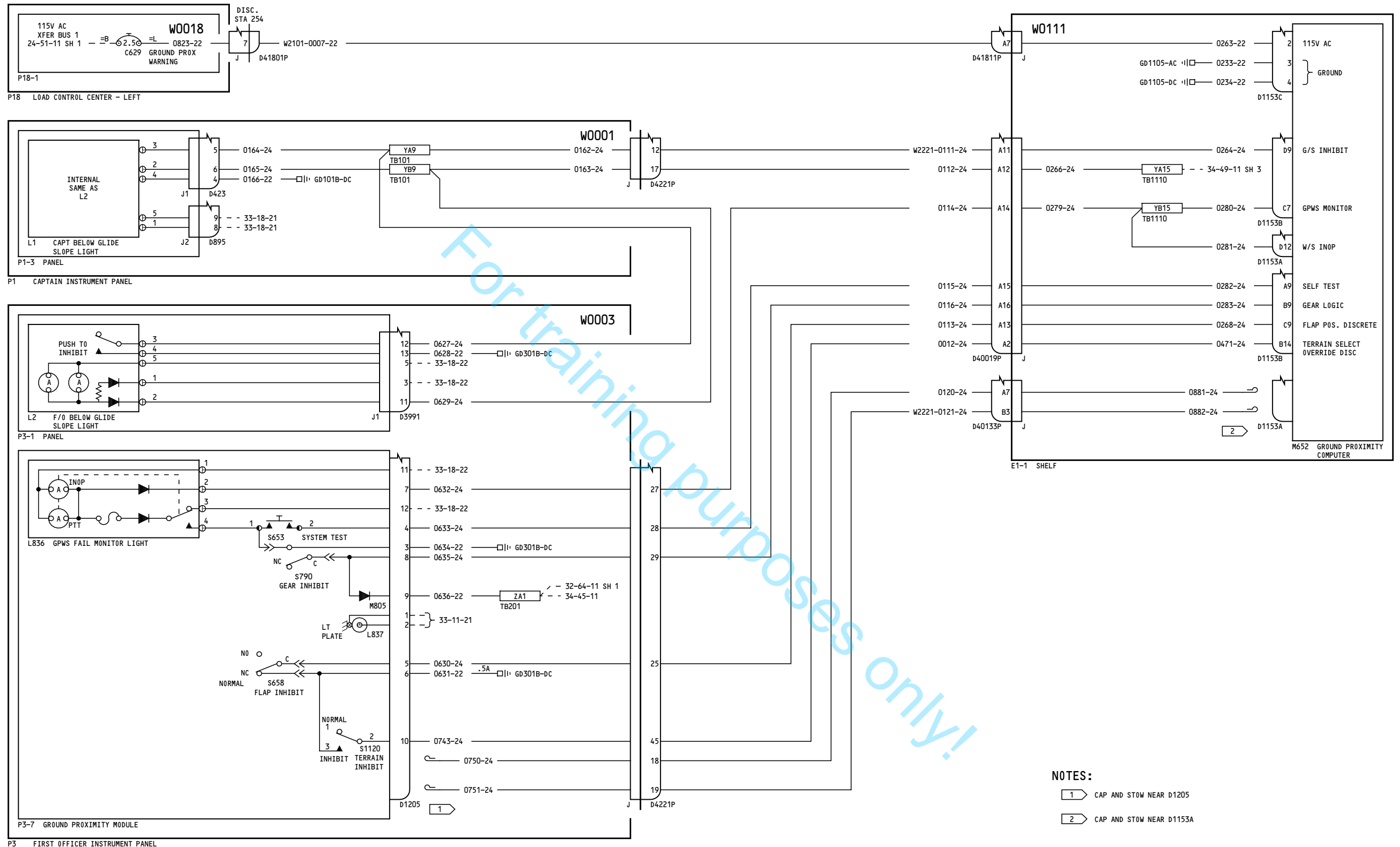
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YN236-YN260

GROUND PROXIMITY WARNING

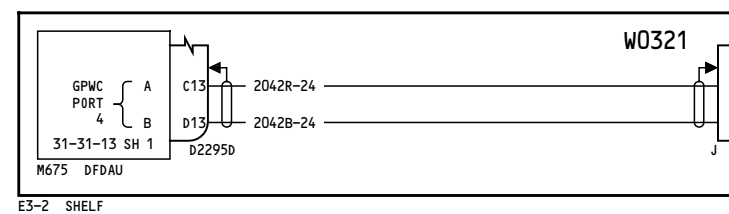
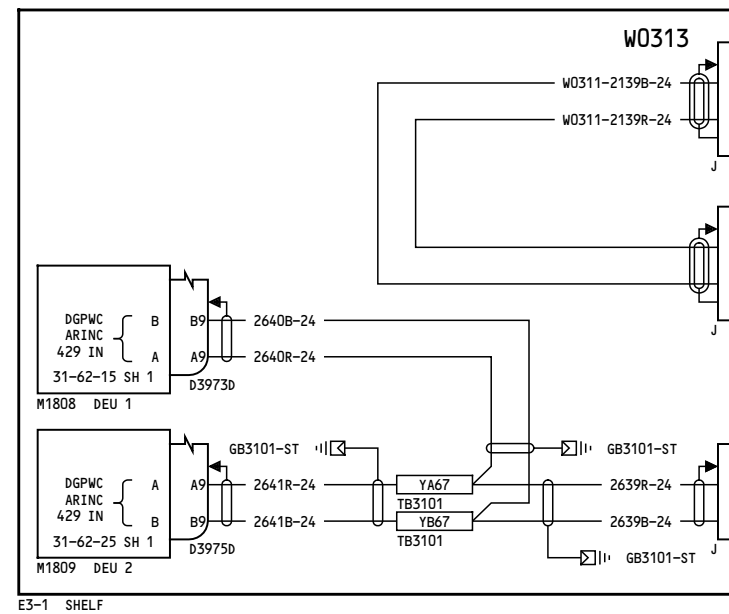
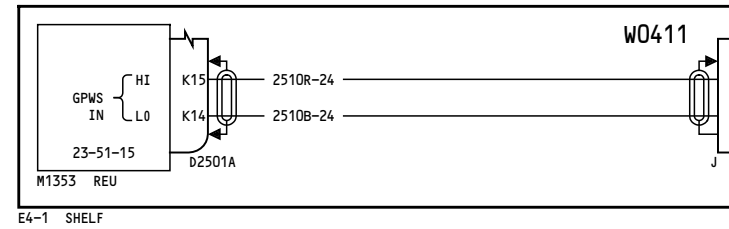
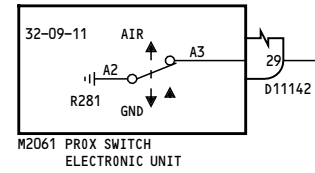
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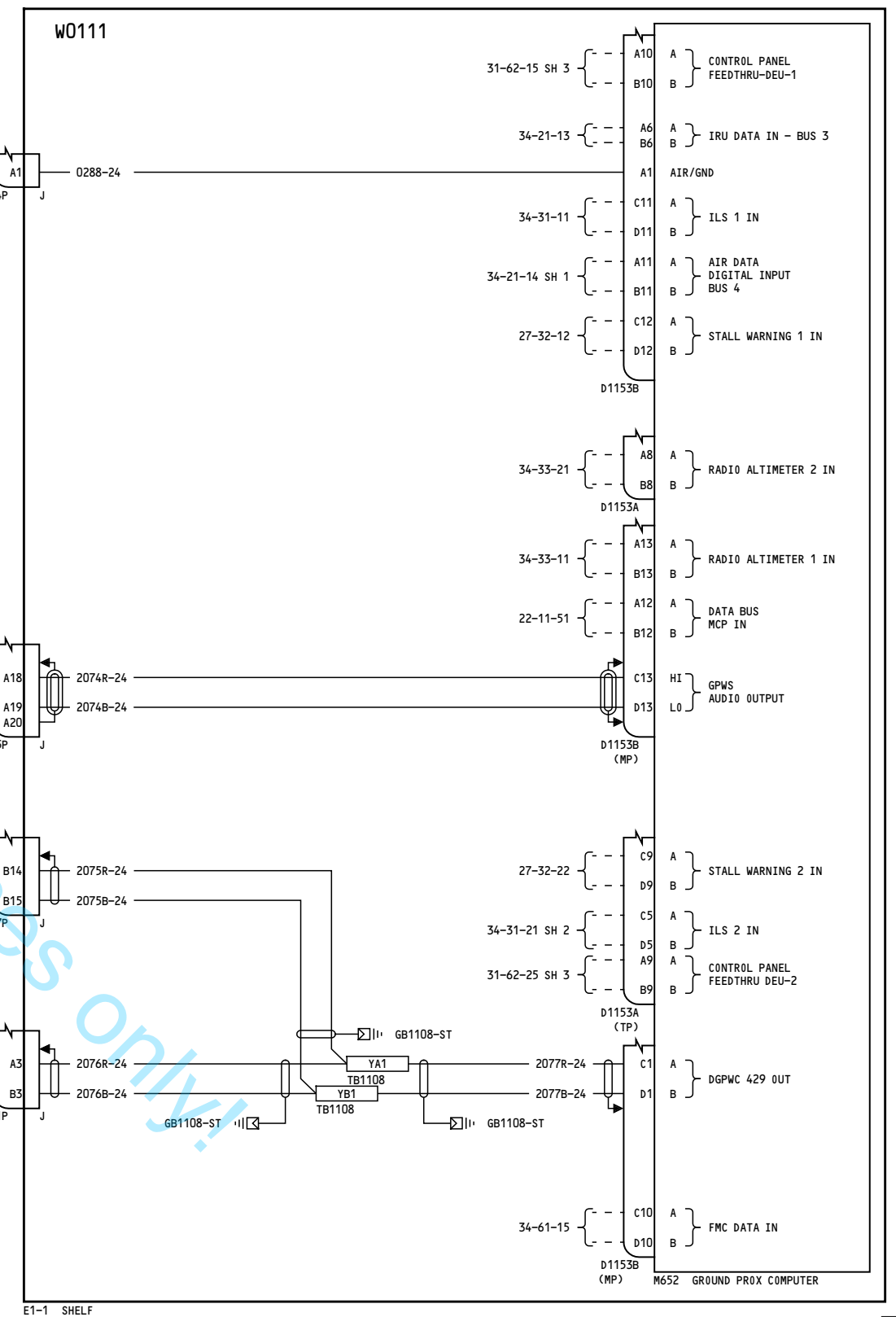
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GROUND PROXIMITY WARNING

D280A108

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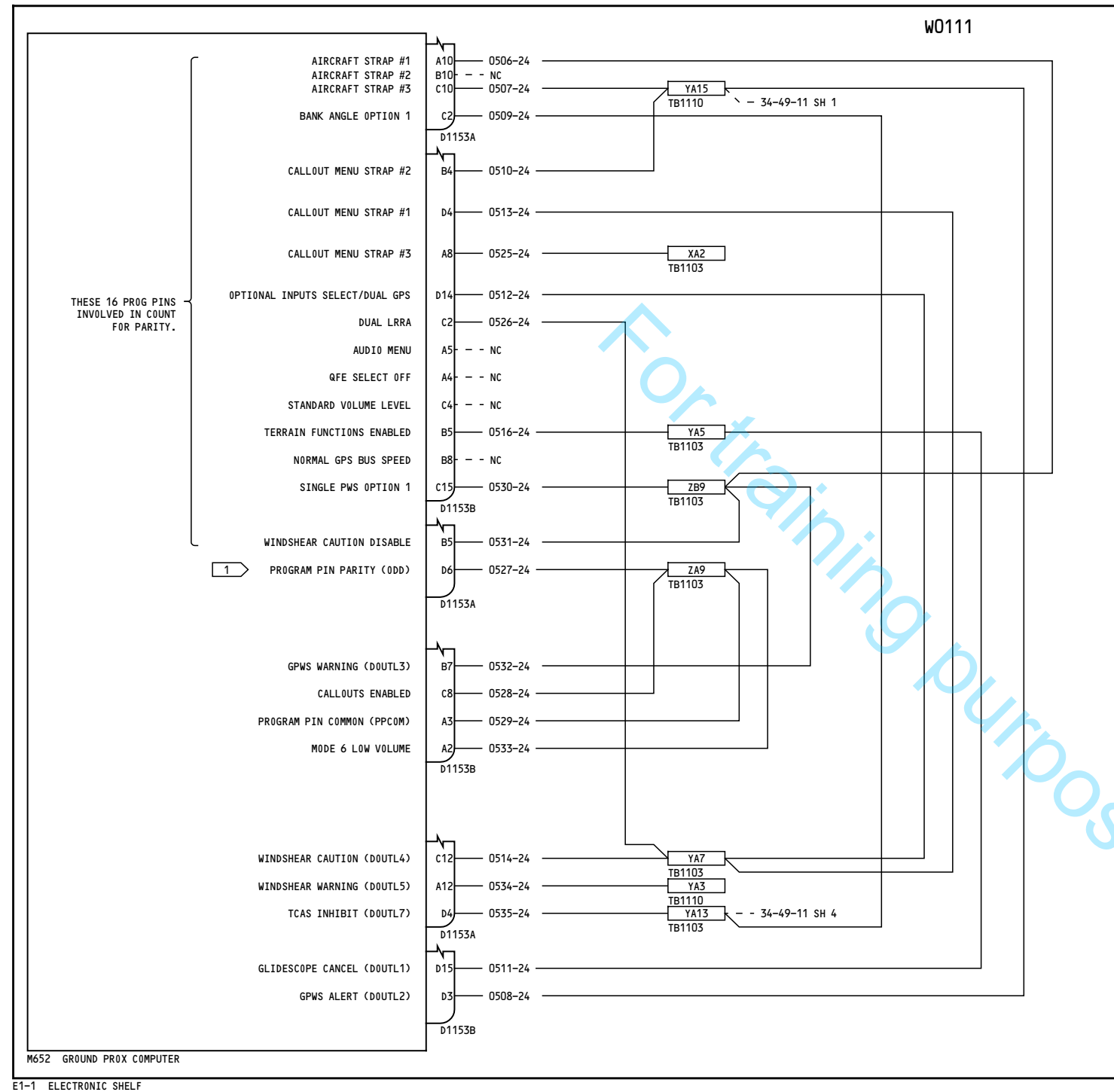
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NOTES:

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YN236-YN260

GROUND PROXIMITY WARNING

D280A108

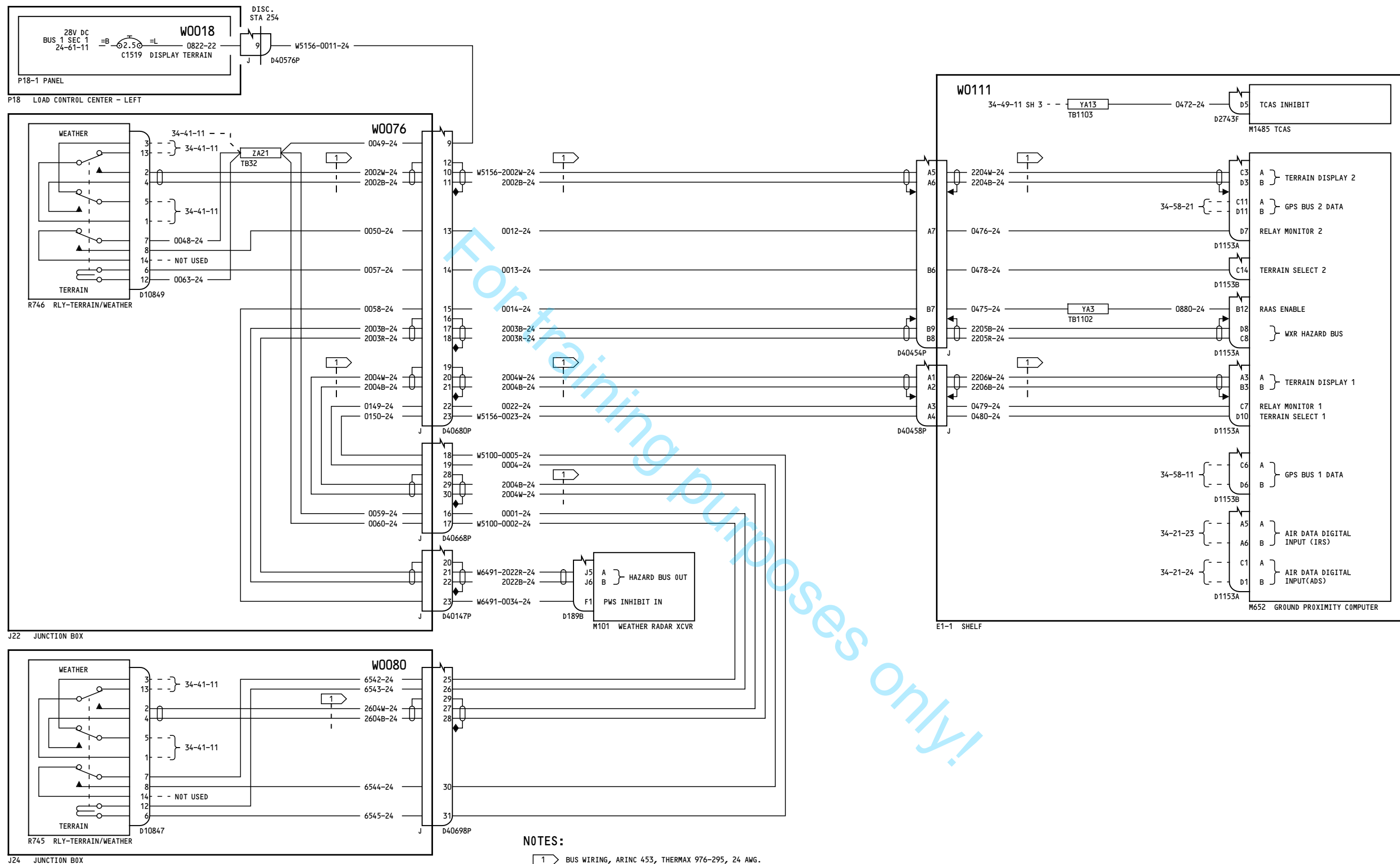
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YN236-YN260

GROUND PROXIMITY WARNING

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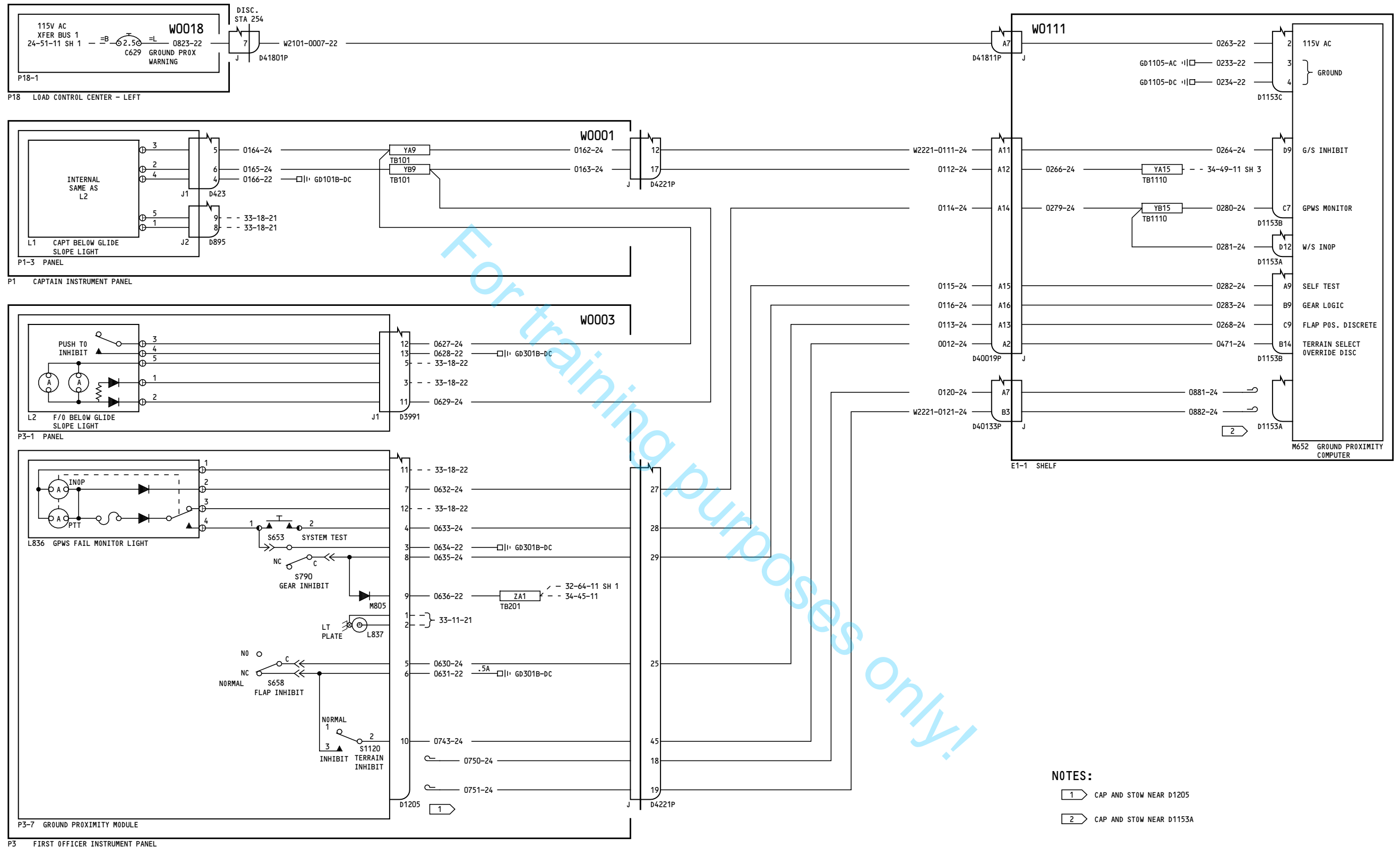
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YN501

GROUND PROXIMITY WARNING

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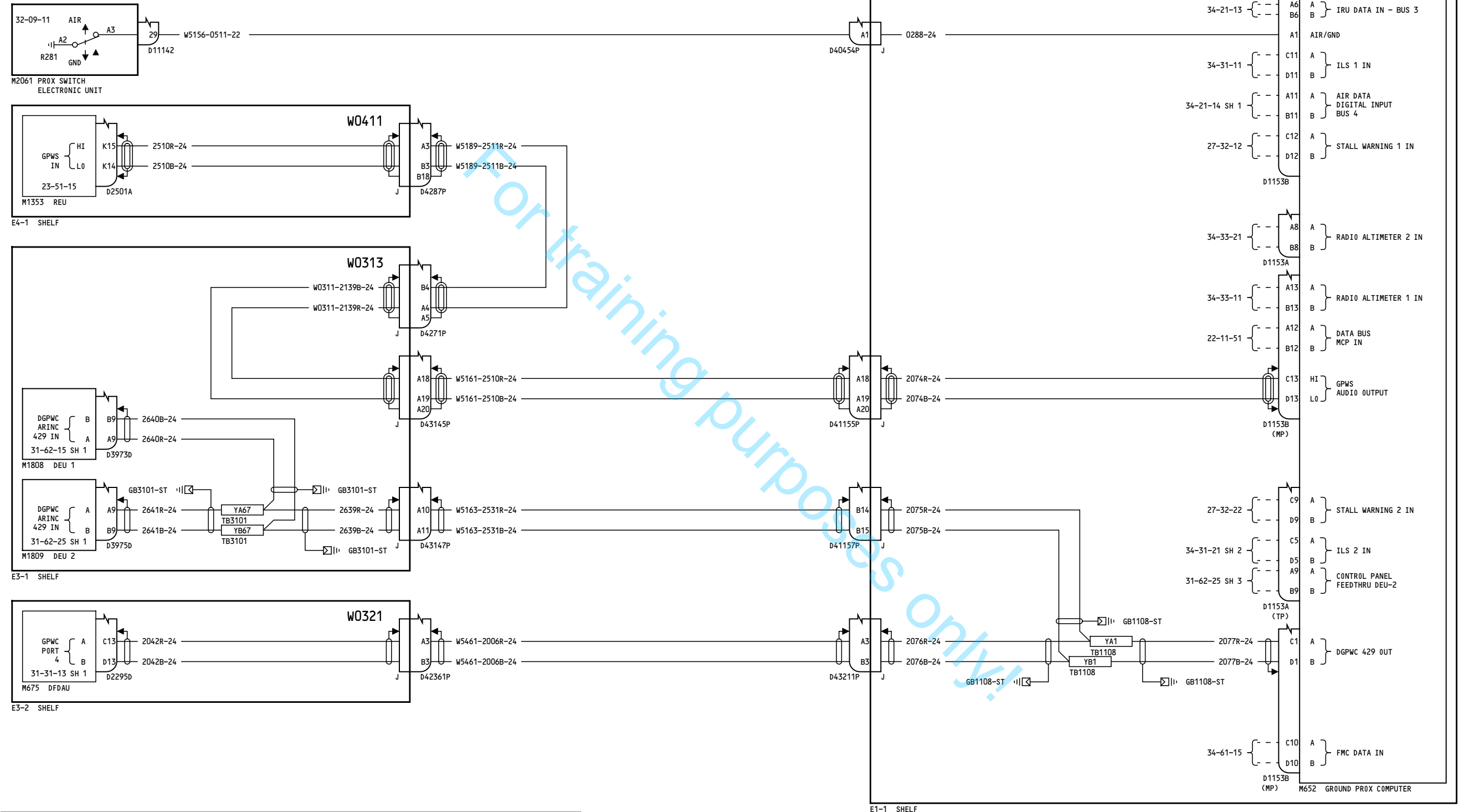
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YN501

GROUND PROXIMITY WARNING

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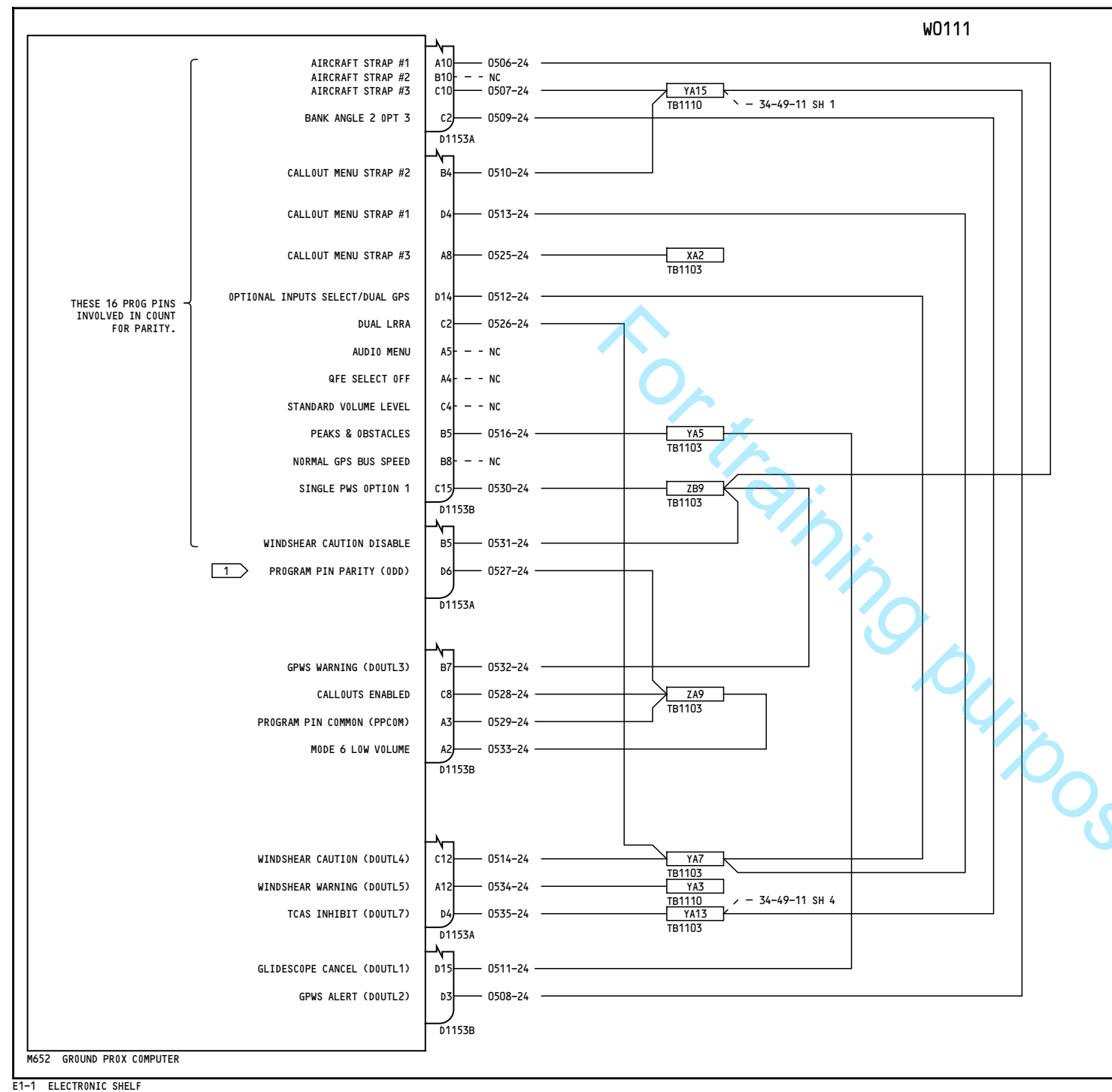
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917



**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YN501

**GROUND PROXIMITY WARNING**

D280A108

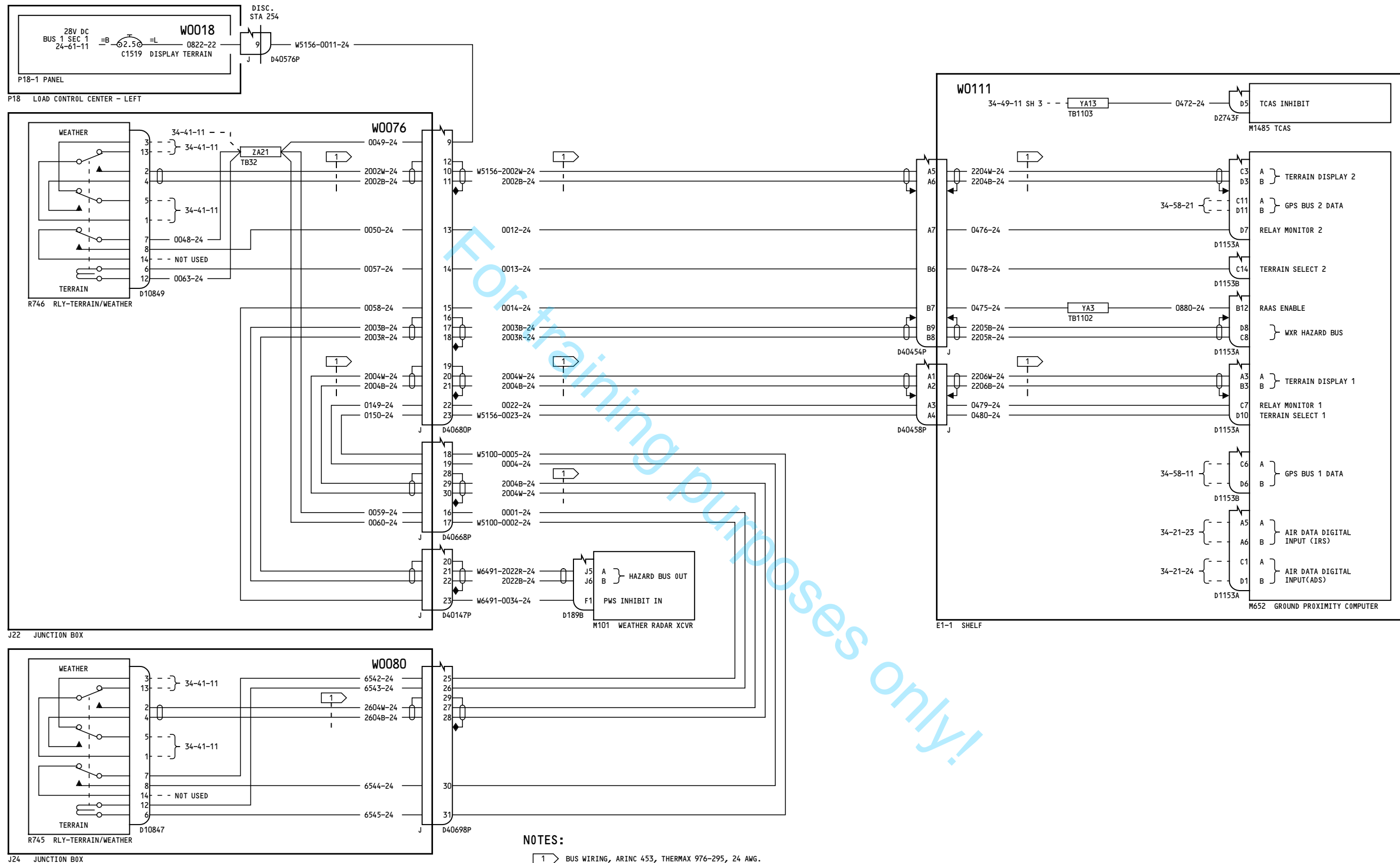
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YN501

GROUND PROXIMITY WARNING

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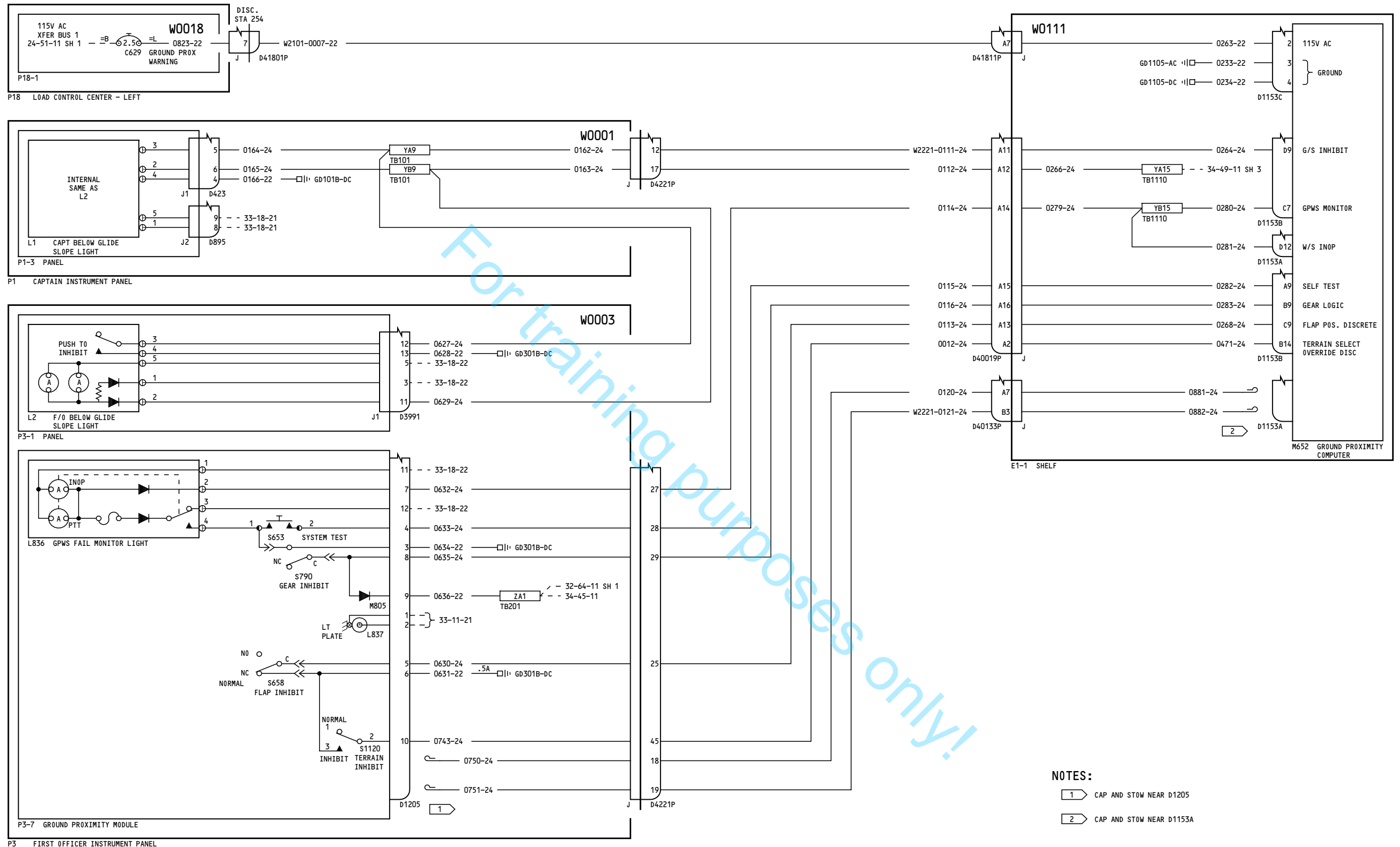
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YR301-YR308, YR312-YR328

GROUND PROXIMITY WARNING

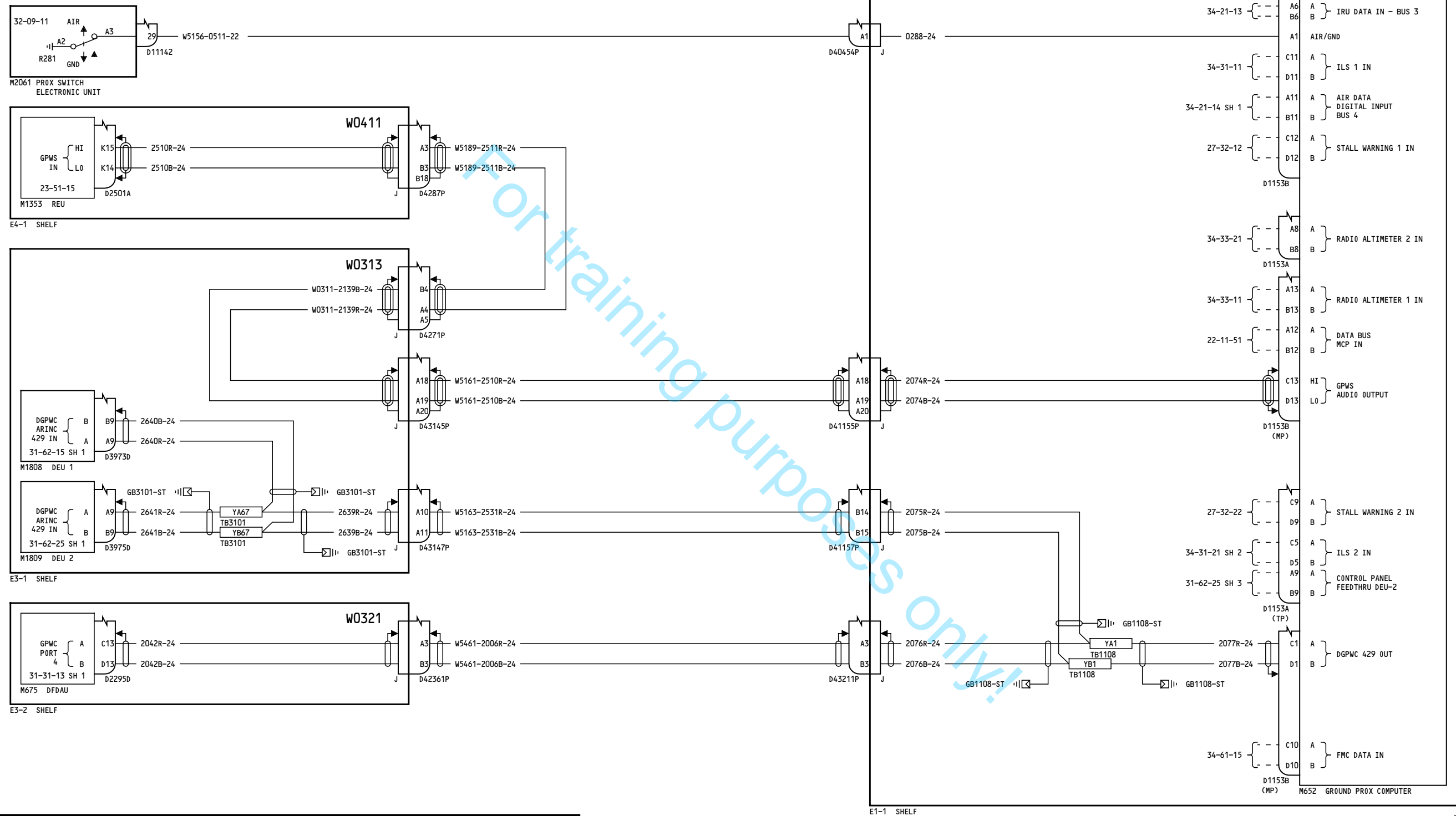
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YR301-YR308, YR312-YR328

GROUND PROXIMITY WARNING

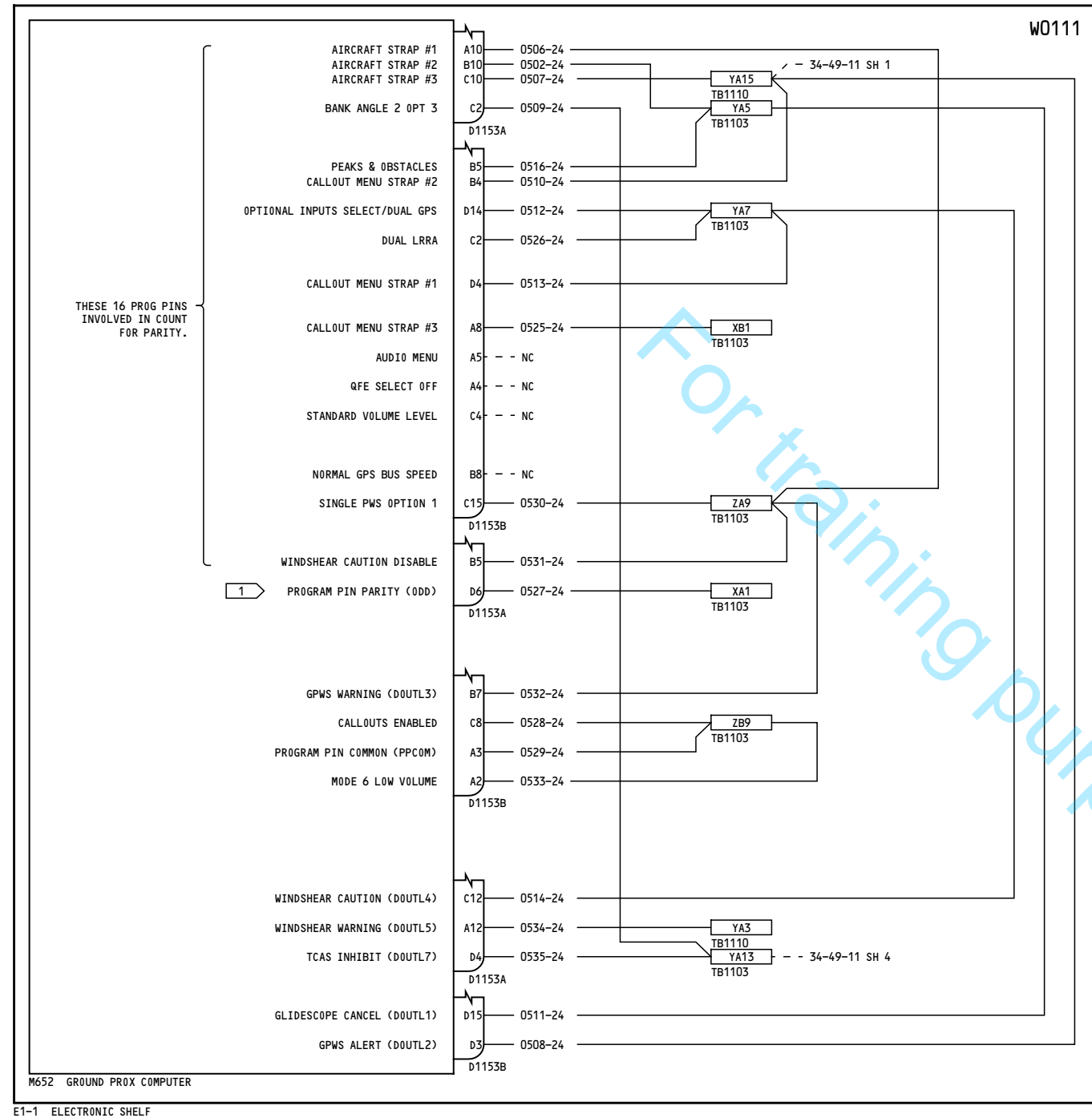
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YR301-YR308, YR312-YR328

**GROUND PROXIMITY WARNING**

D280A108

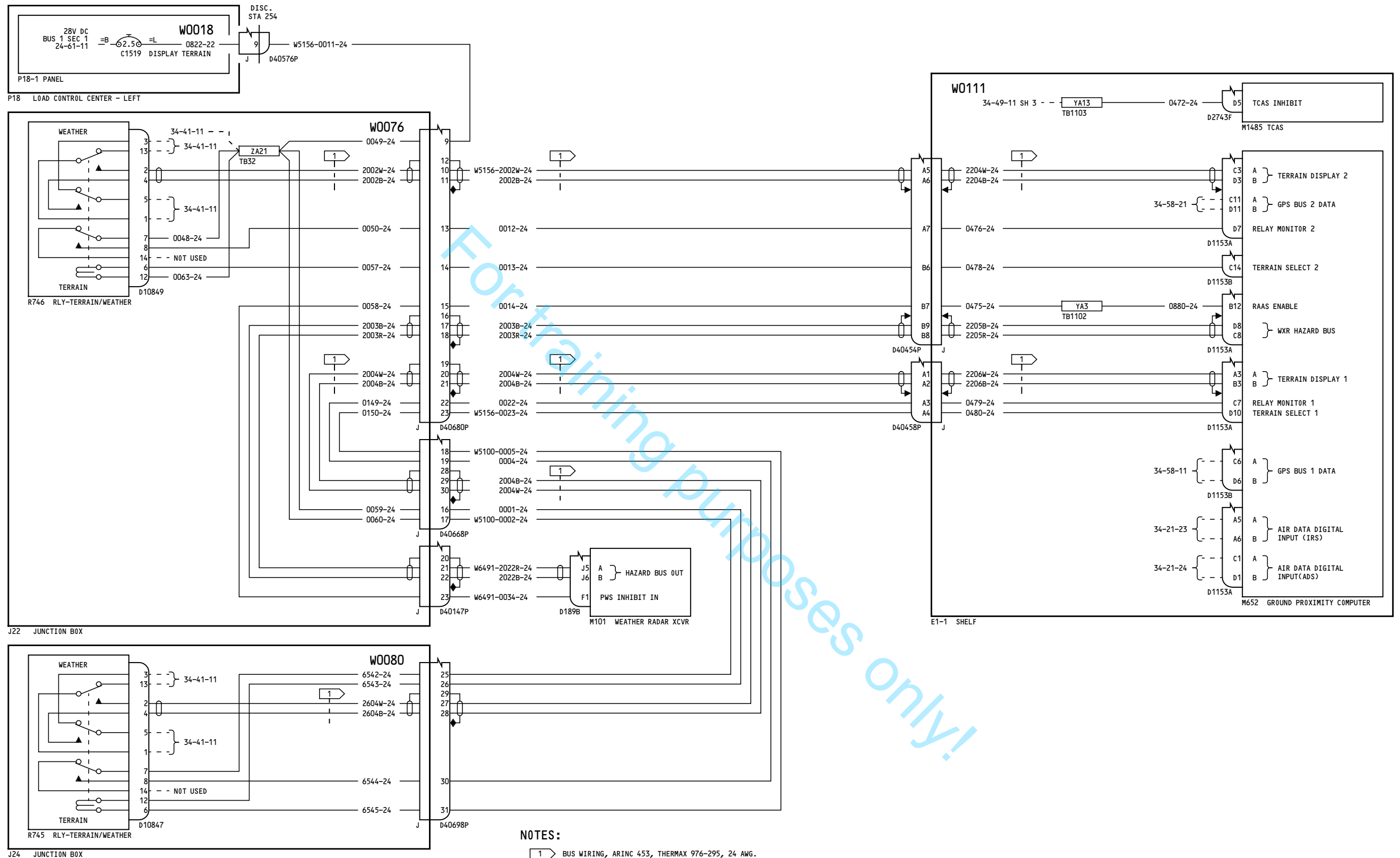
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YR301-YR308, YR312-YR328

GROUND PROXIMITY WARNING

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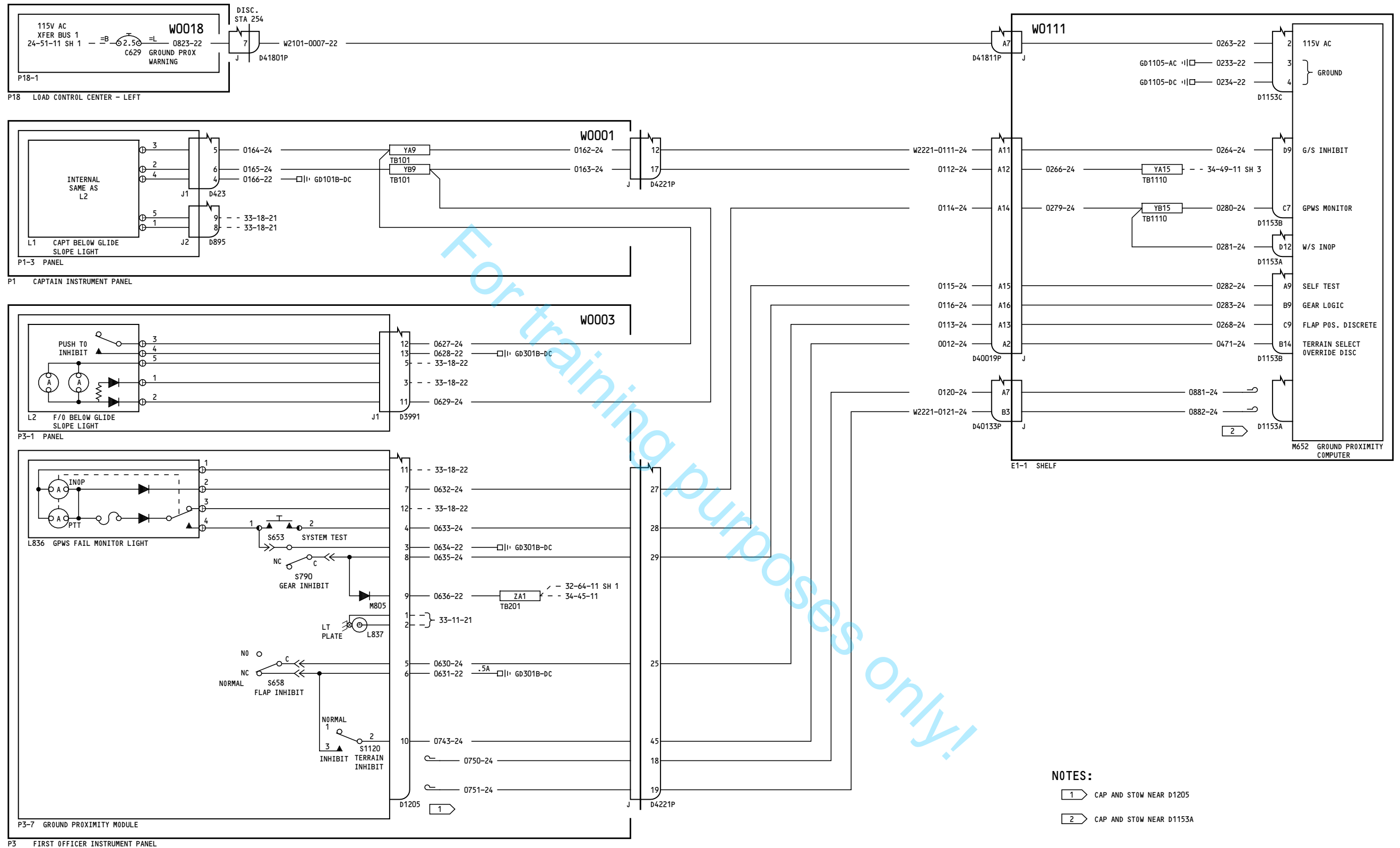
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YR309

GROUND PROXIMITY WARNING

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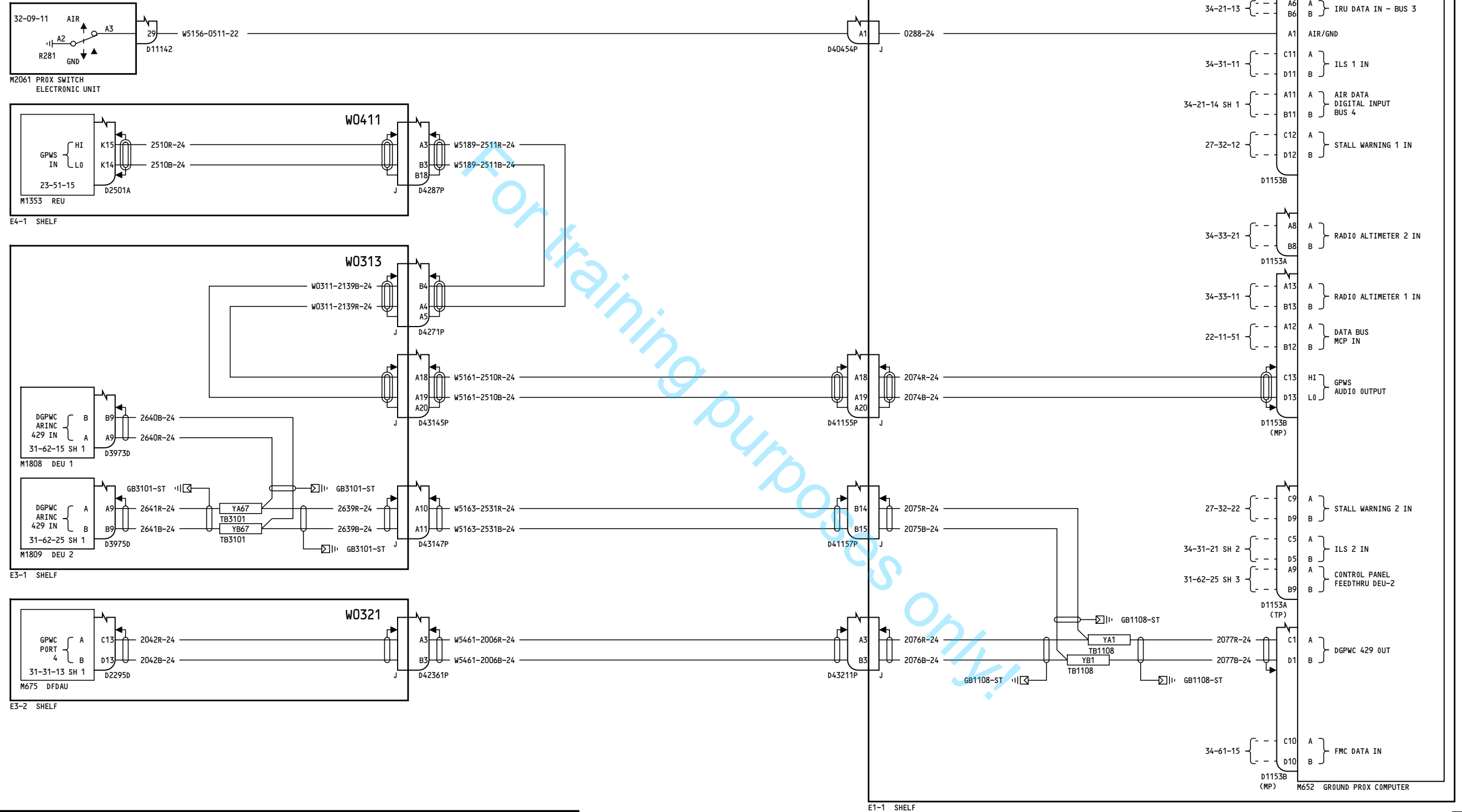
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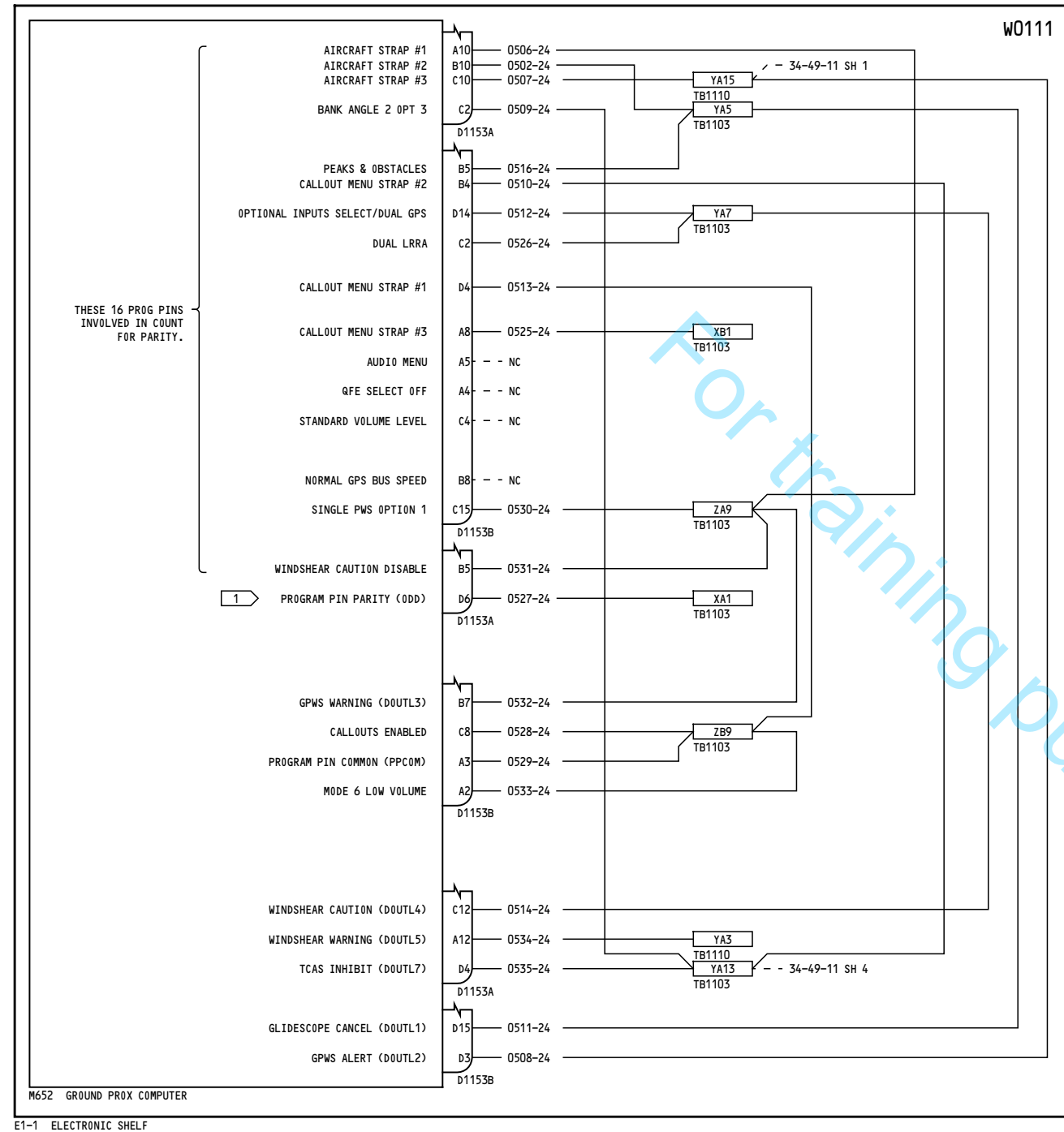
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**NOTES:**

- 1 PROGRAM PIN MONITORING IS PROVIDED VIA A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

YR309

**GROUND PROXIMITY WARNING**

D280A108

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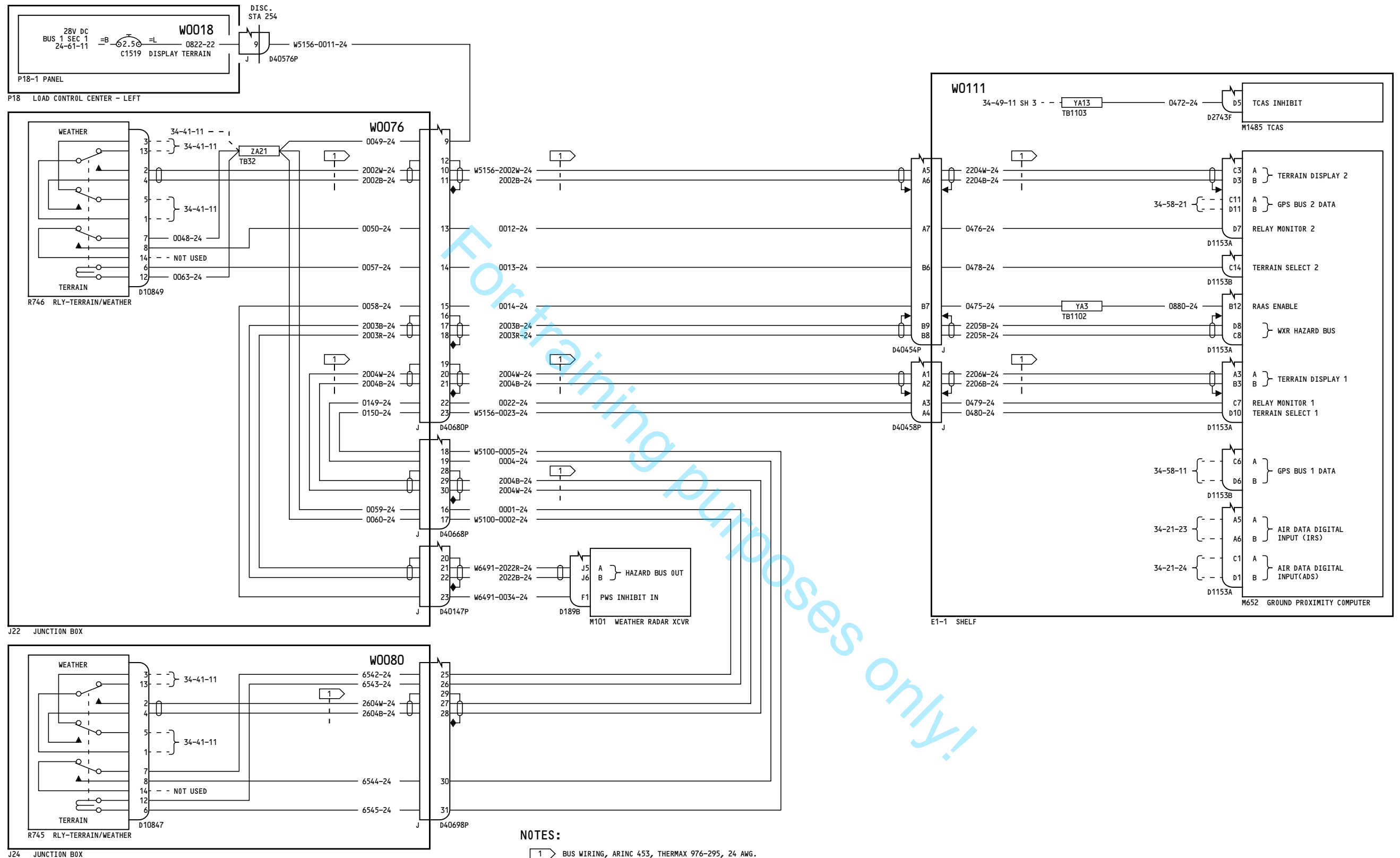
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GROUND PROXIMITY WARNING

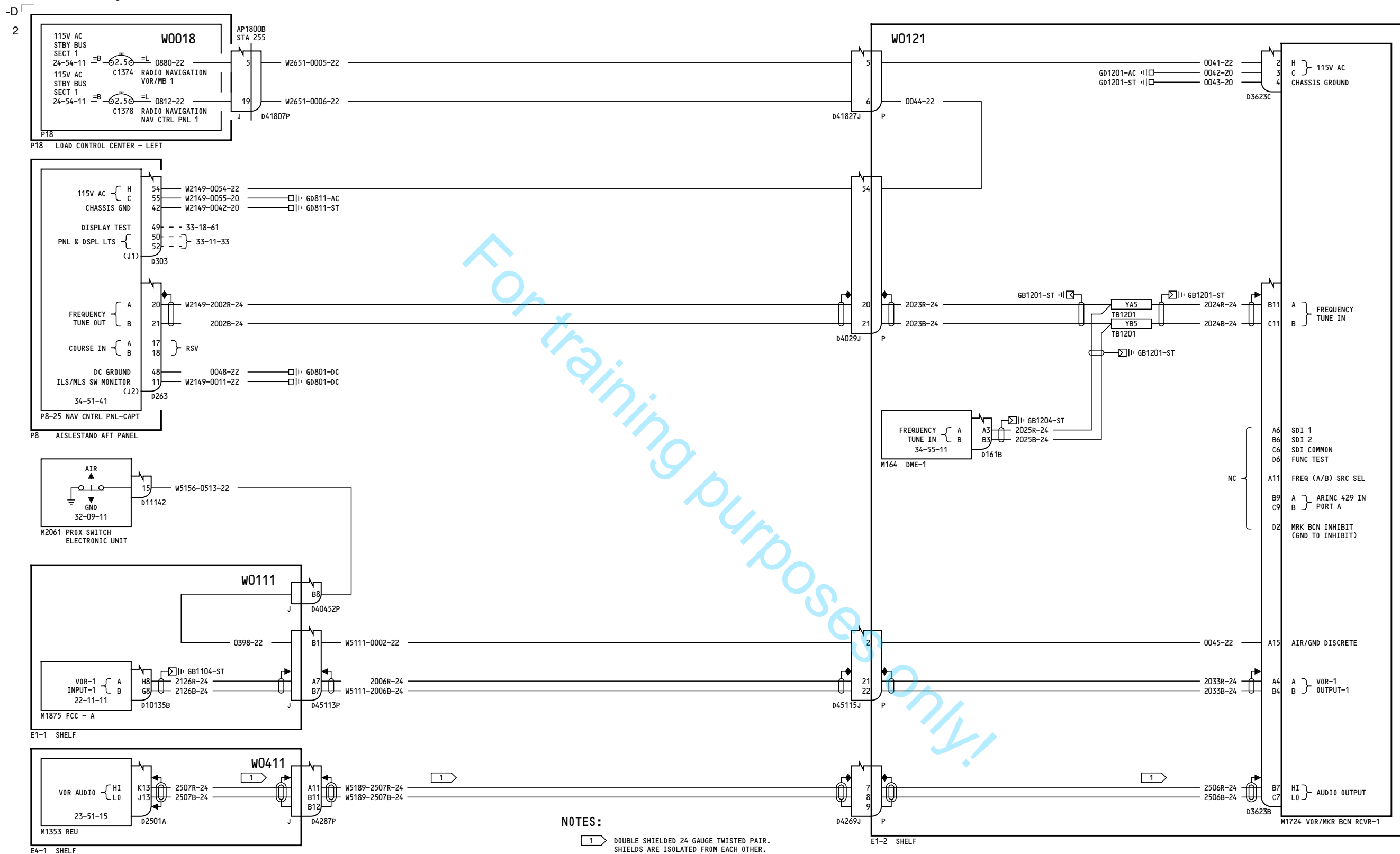
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YC051-YD170

VOR NO. 1

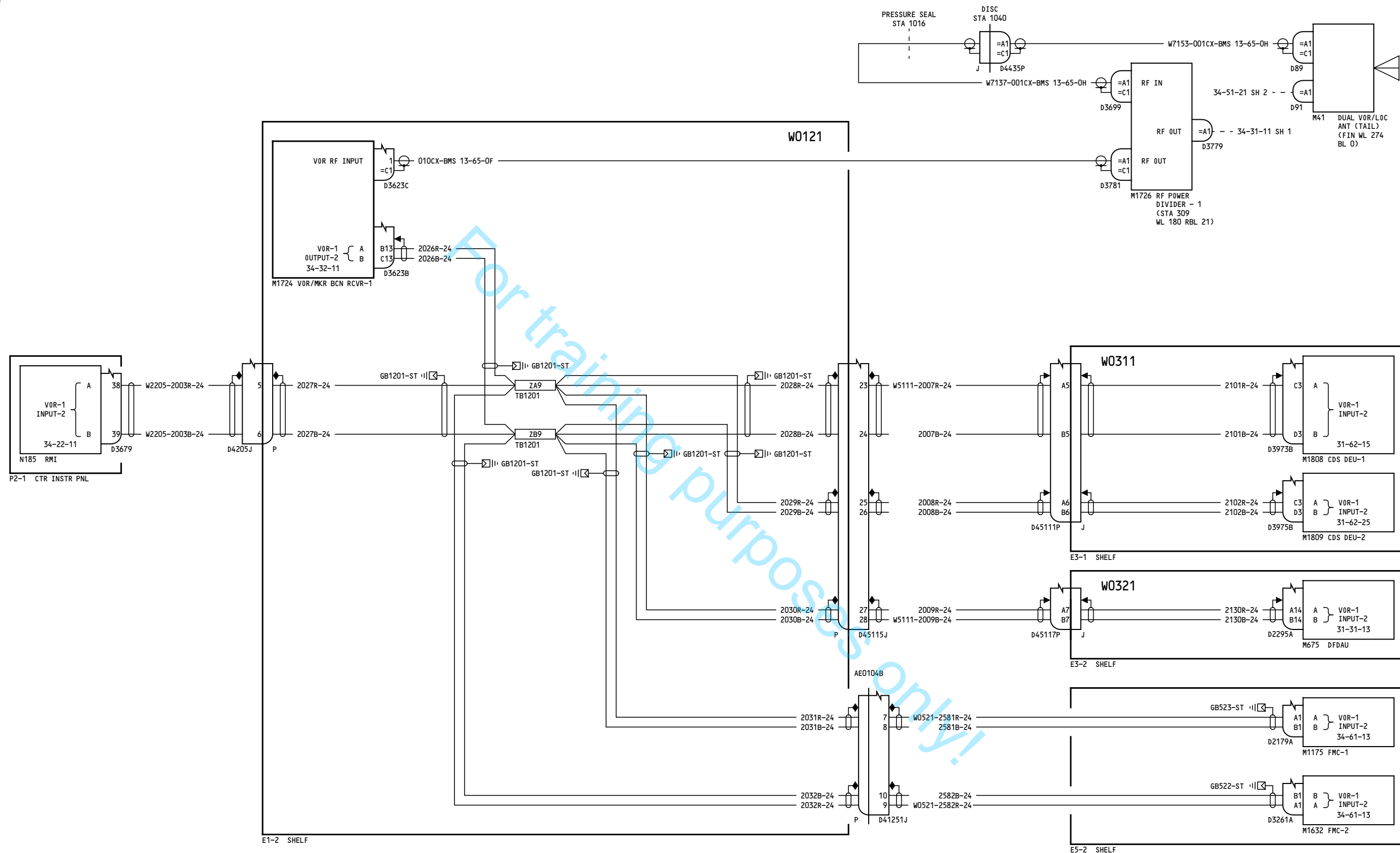
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YC051-YD170

VOR NO. 1

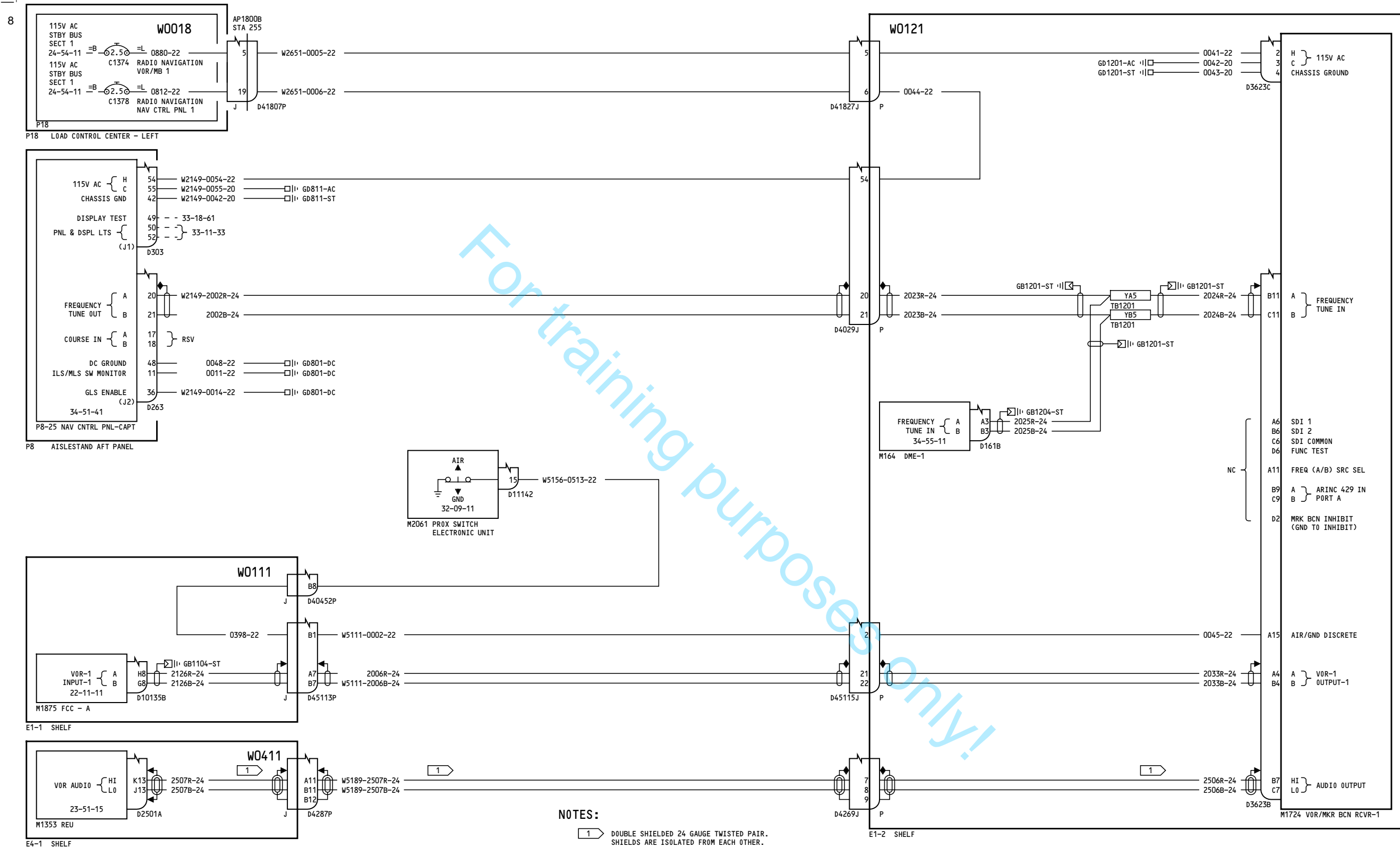
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YL951-YR328

VOR NO. 1

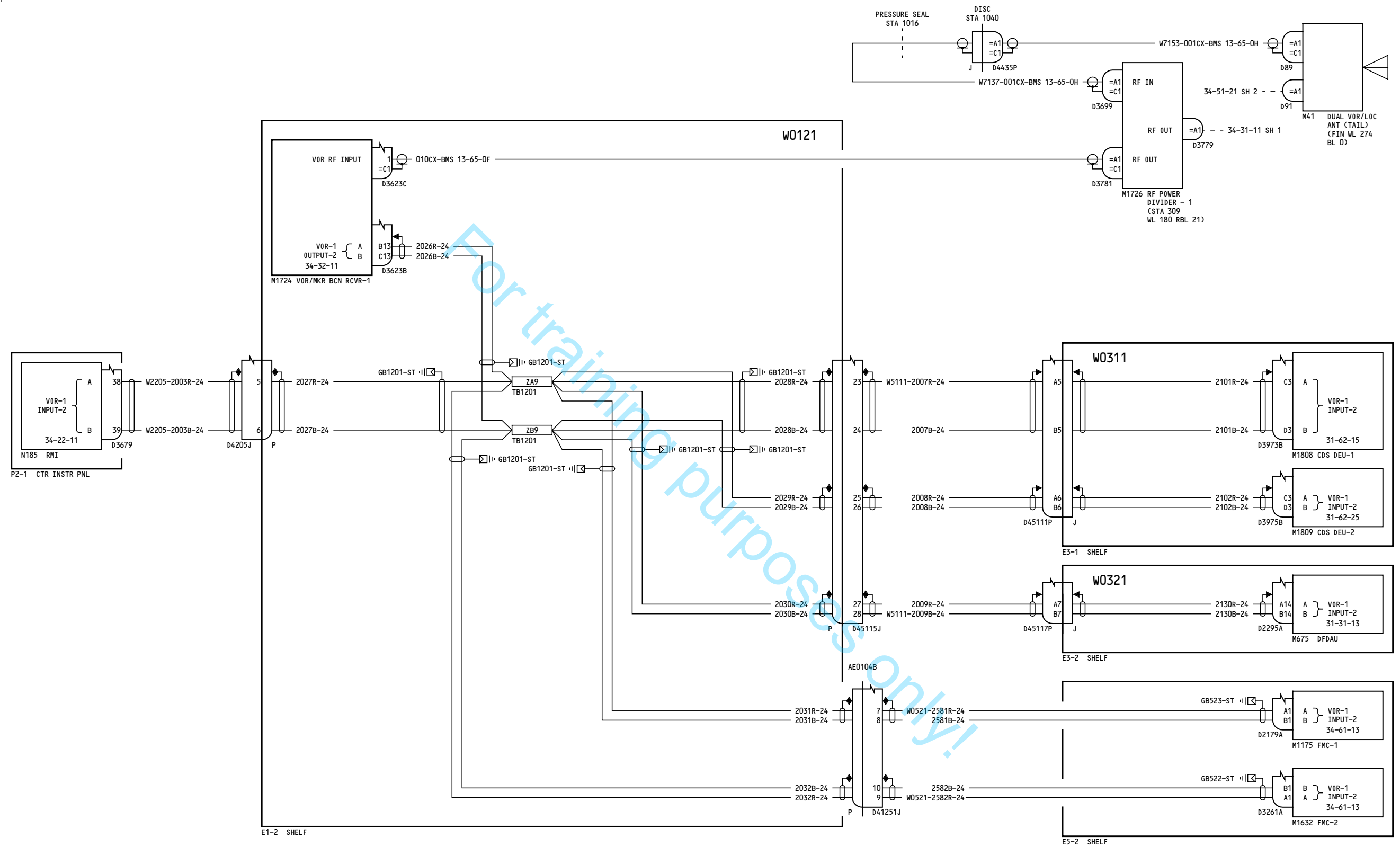
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**VOR NO. 1**

D280A108

**34-51-11**

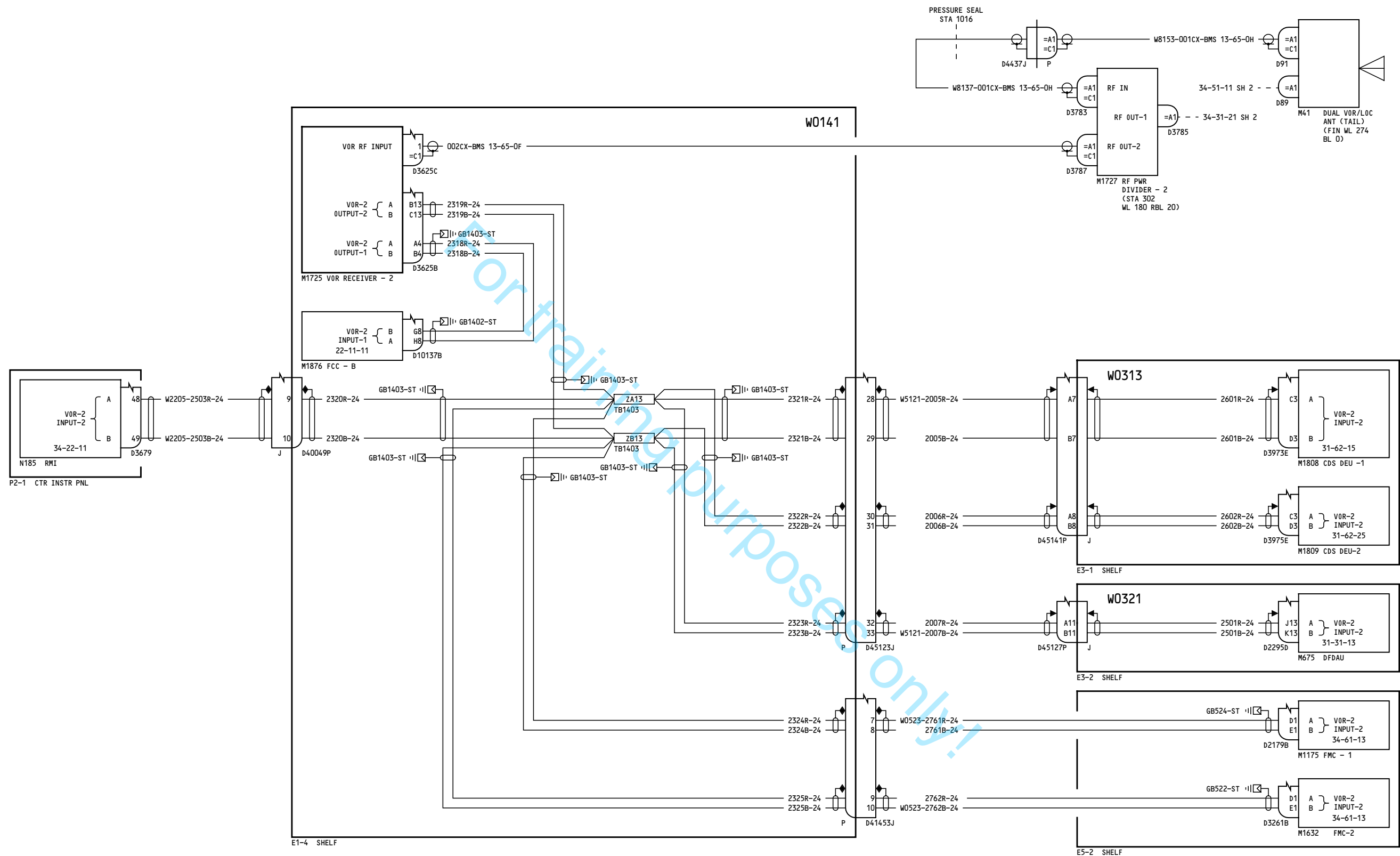
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YC051-YD170

**VOR NO. 2**

**34-51-21**

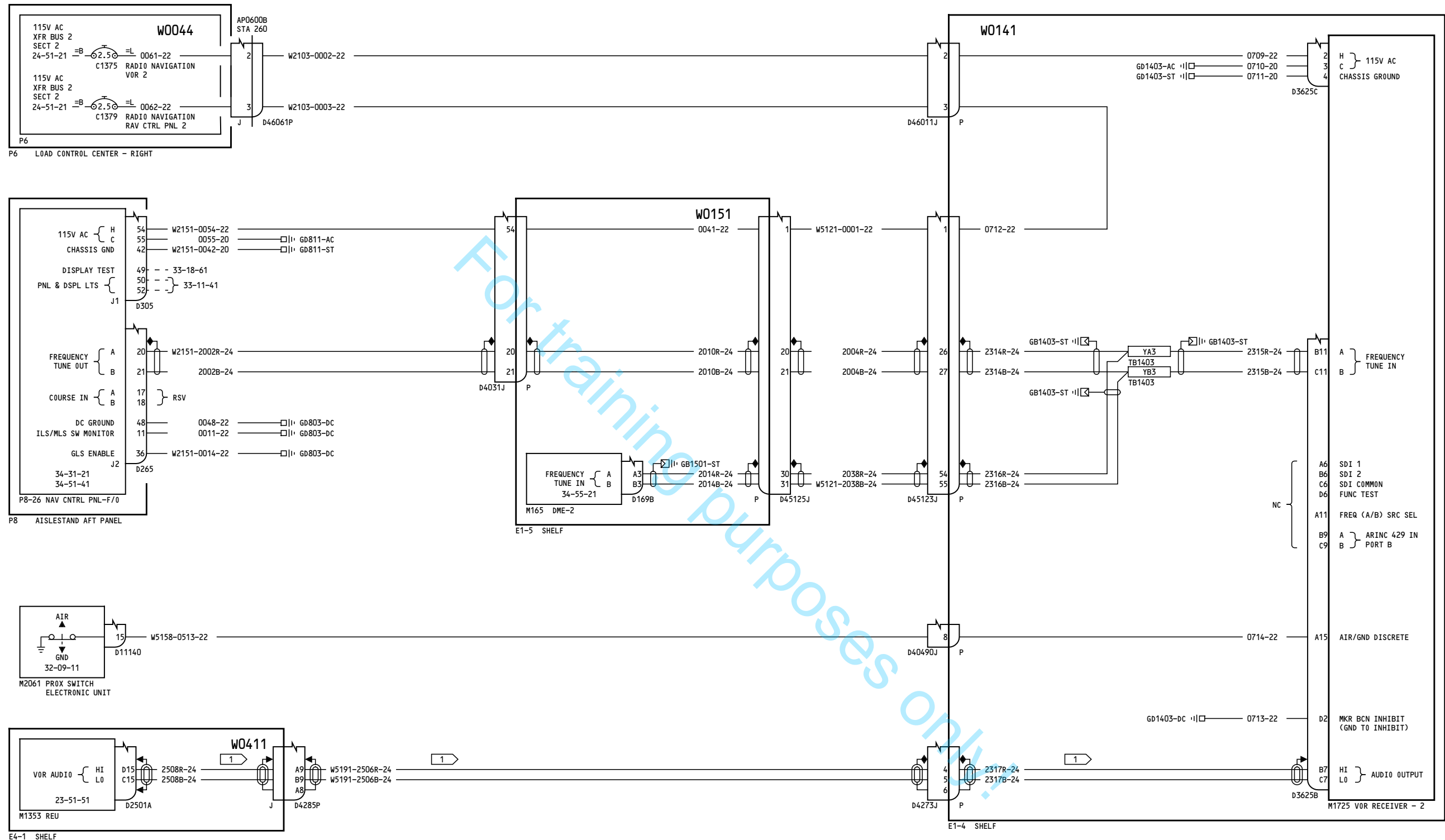
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YL951-YL953, YN231-YN235

VOR NO. 2

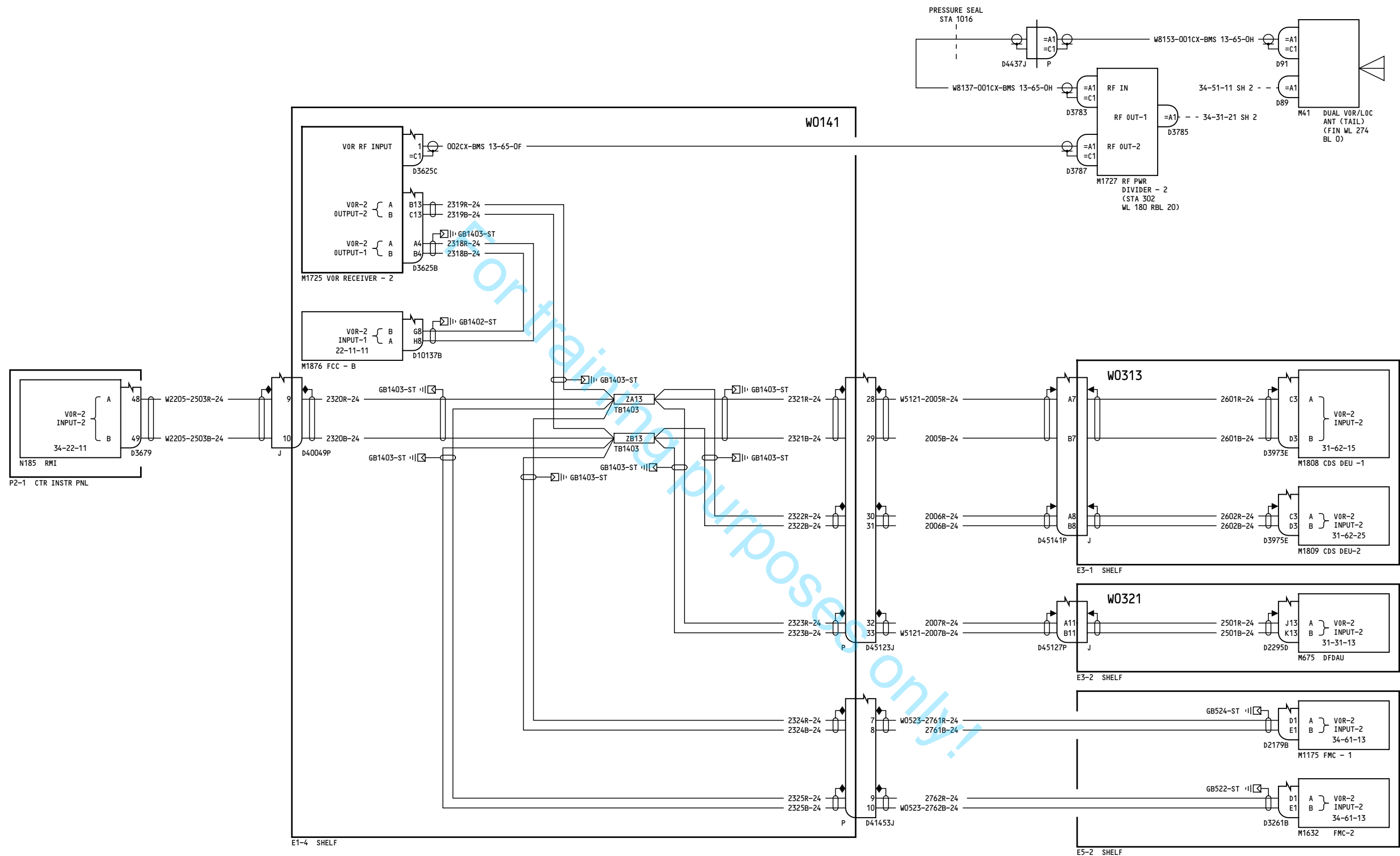
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VOR NO. 2

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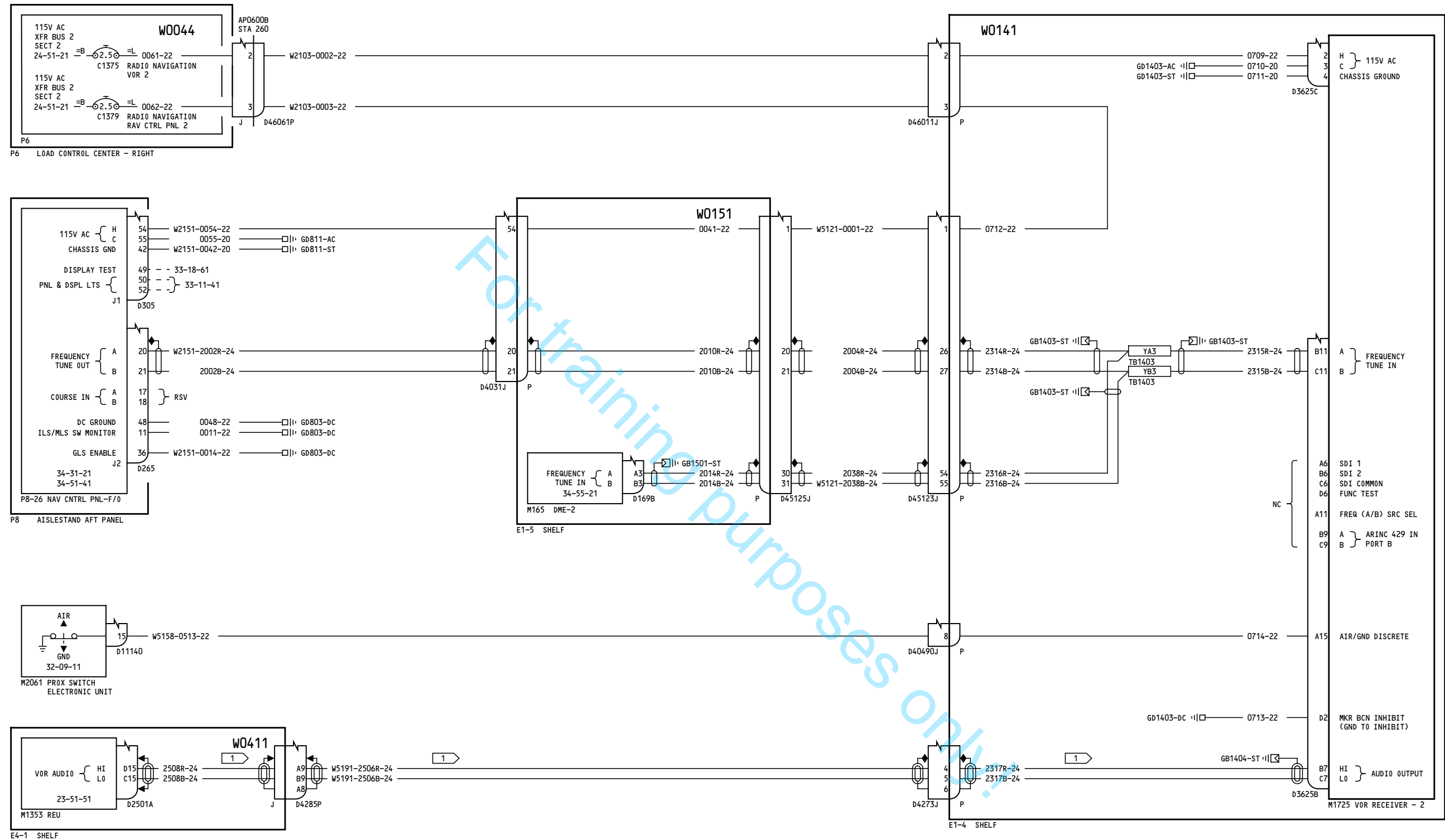
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NOTES:

- 1 DOUBLE SHIELDED 24 GAUGE TWISTED PAIR,  
SHIELDS ARE ISOLATED FROM EACH OTHER.

YL954-YL999, YN236-YR328

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D280A108

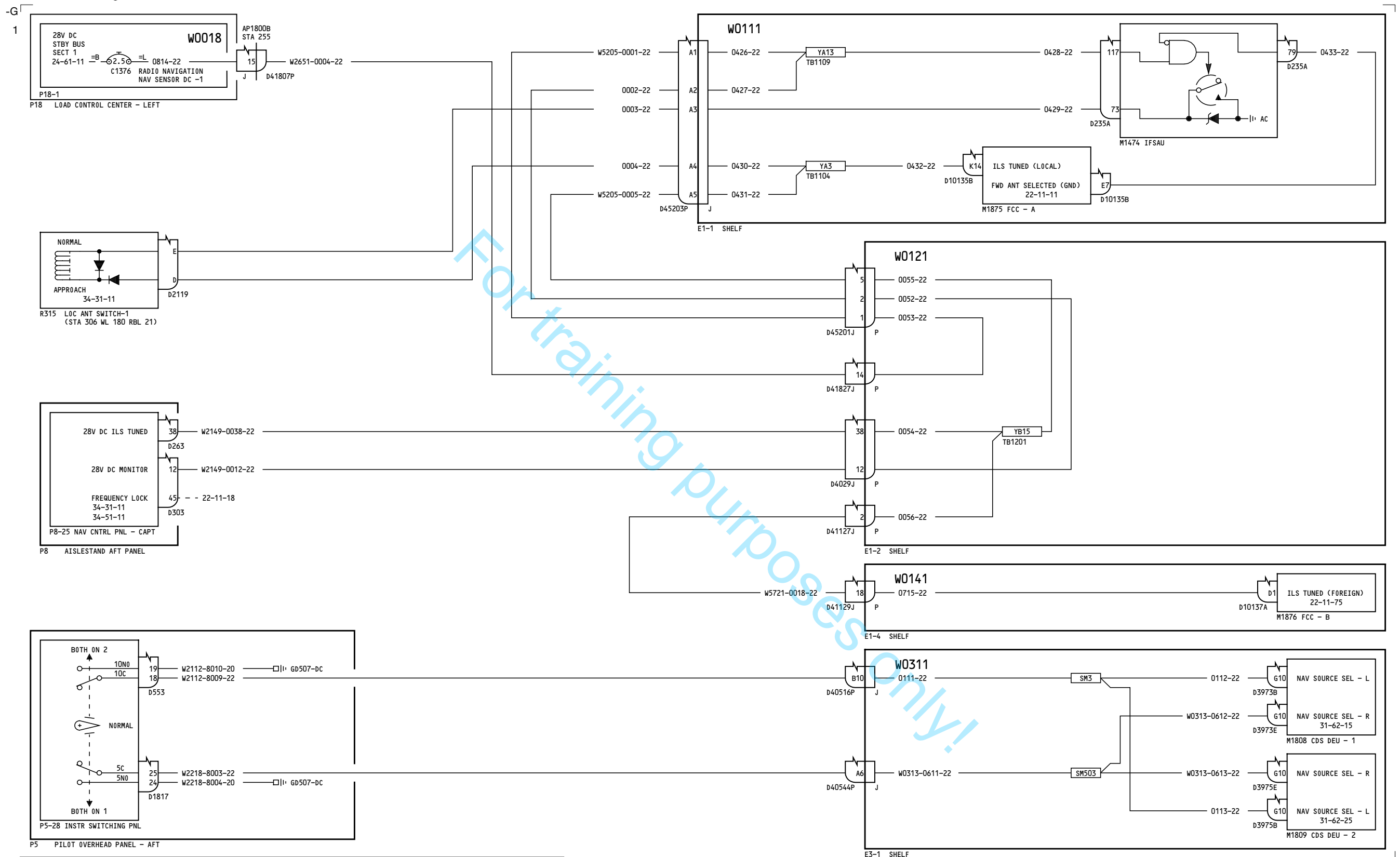
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YC051-YC052

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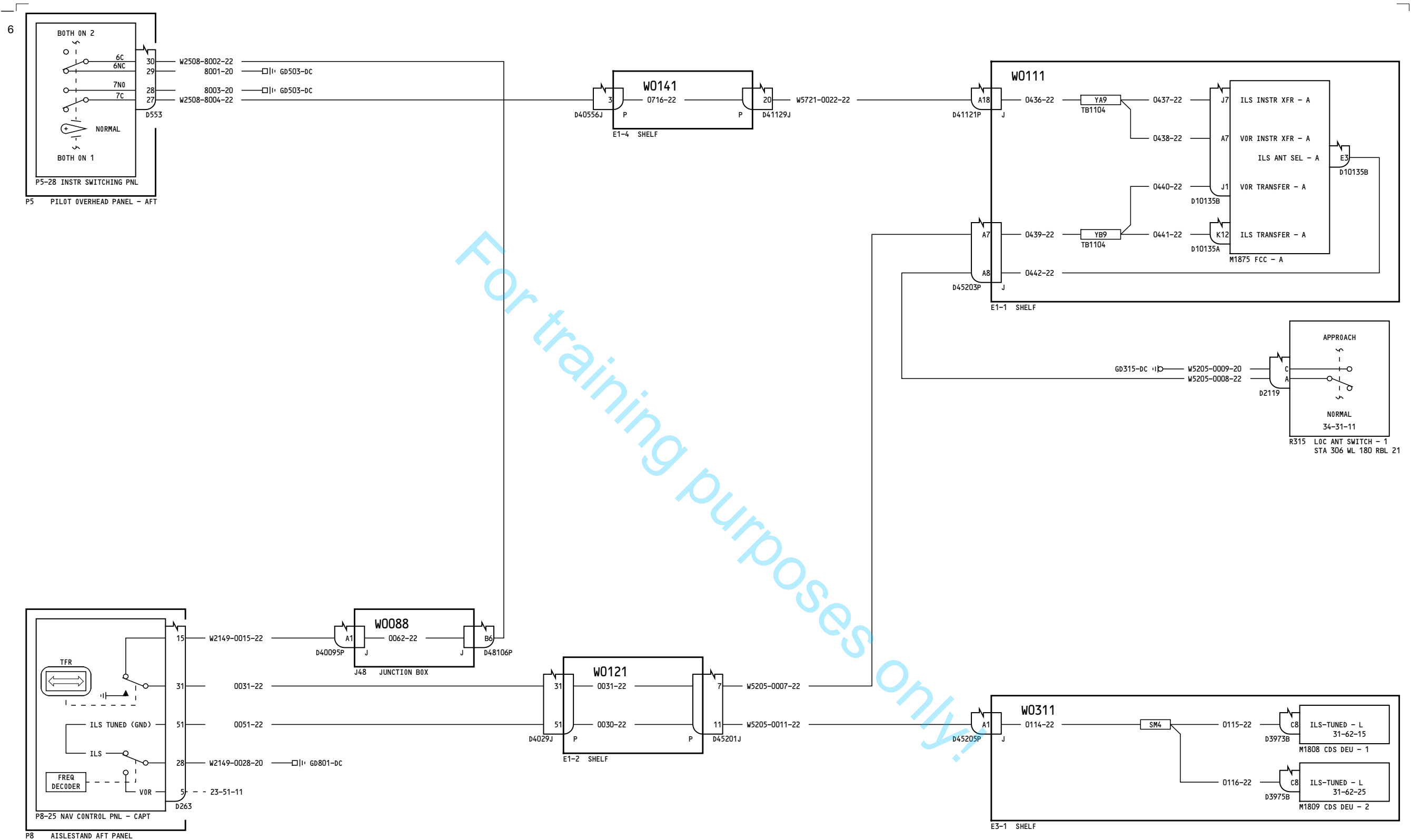
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YC051-YC052

**VOR/ILS INSTRUMENT  
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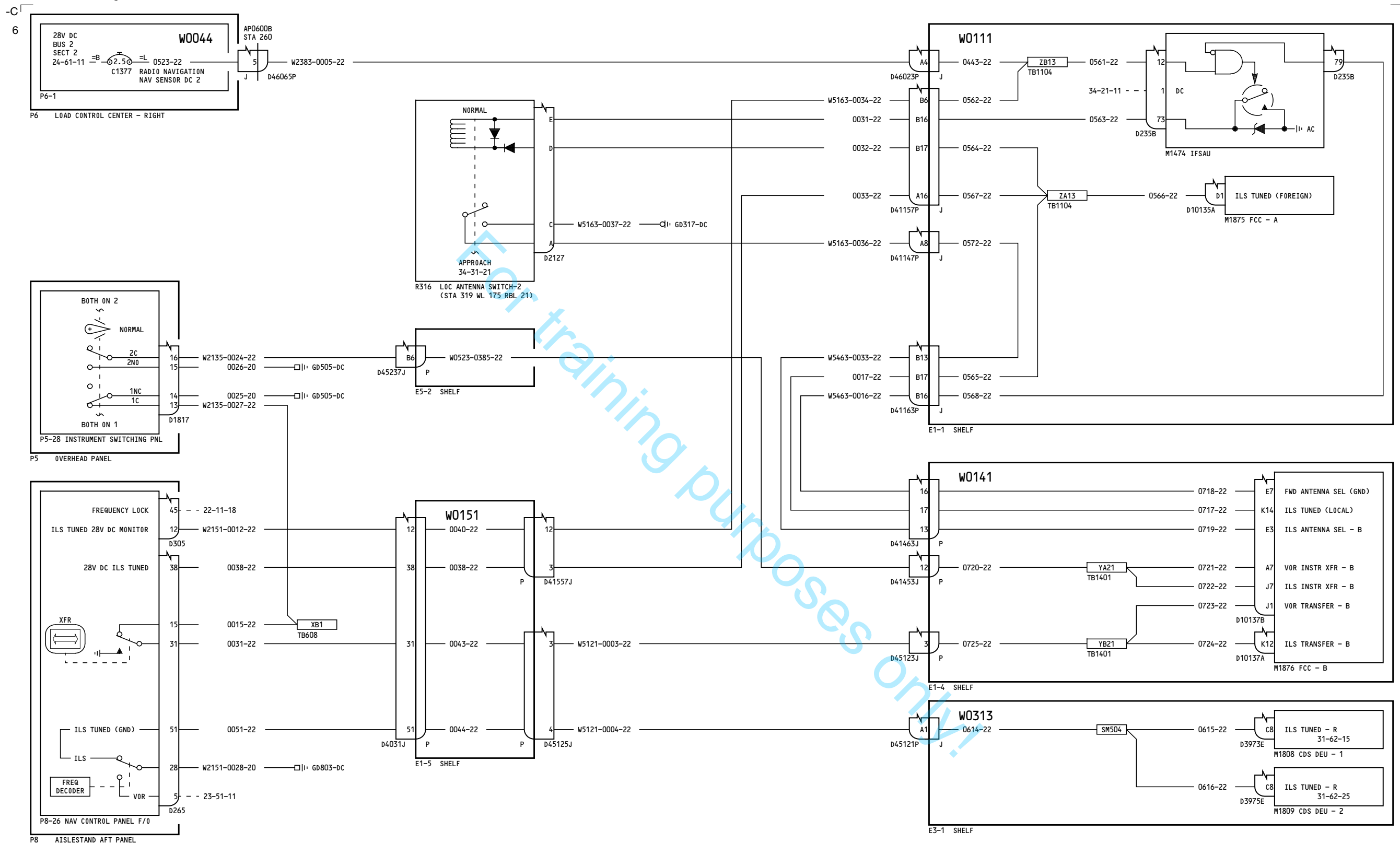
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YC051-YC052

**VOR/ILS INSTRUMENT  
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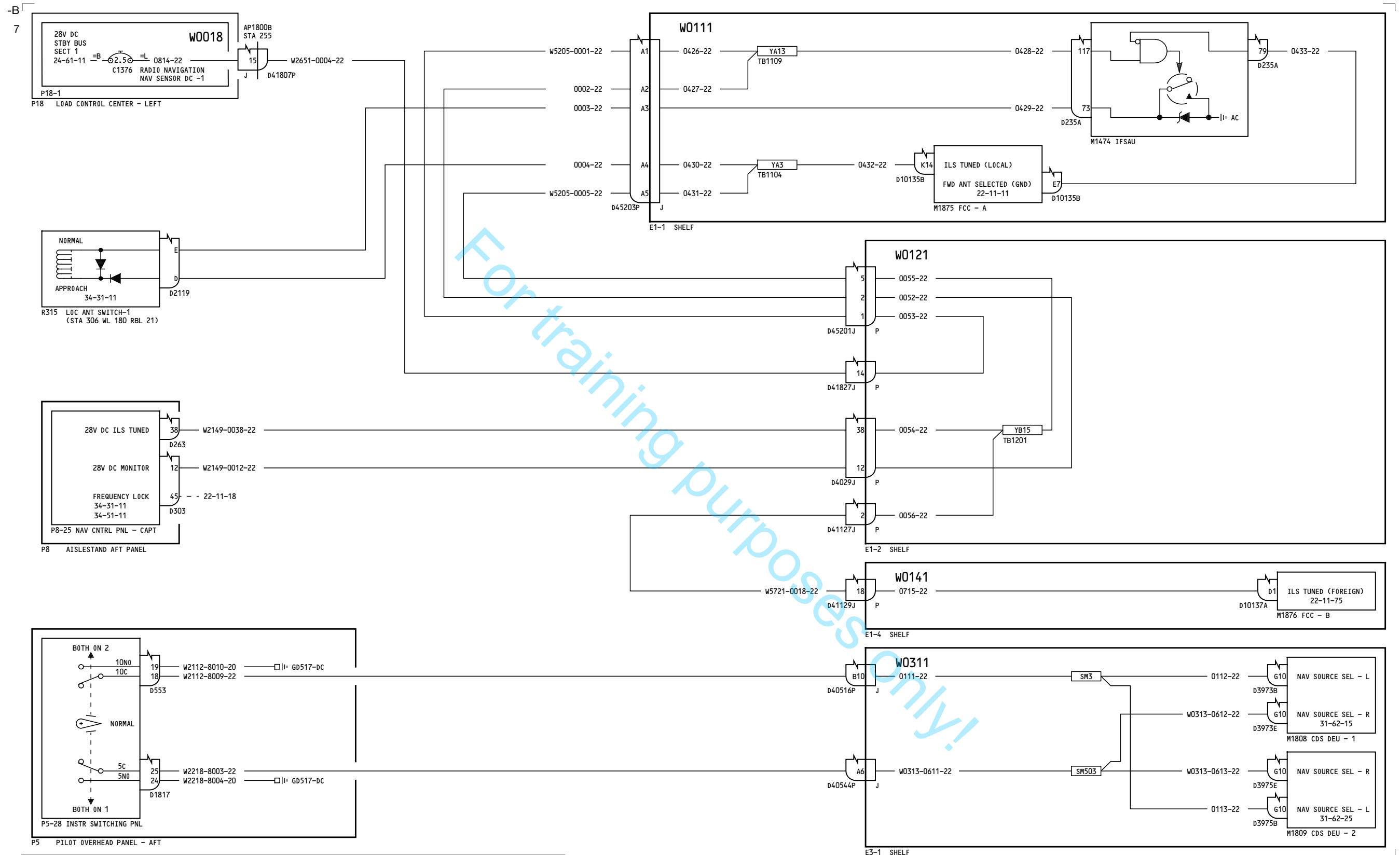
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YC053-YD158

**VOR/ILS INSTRUMENT  
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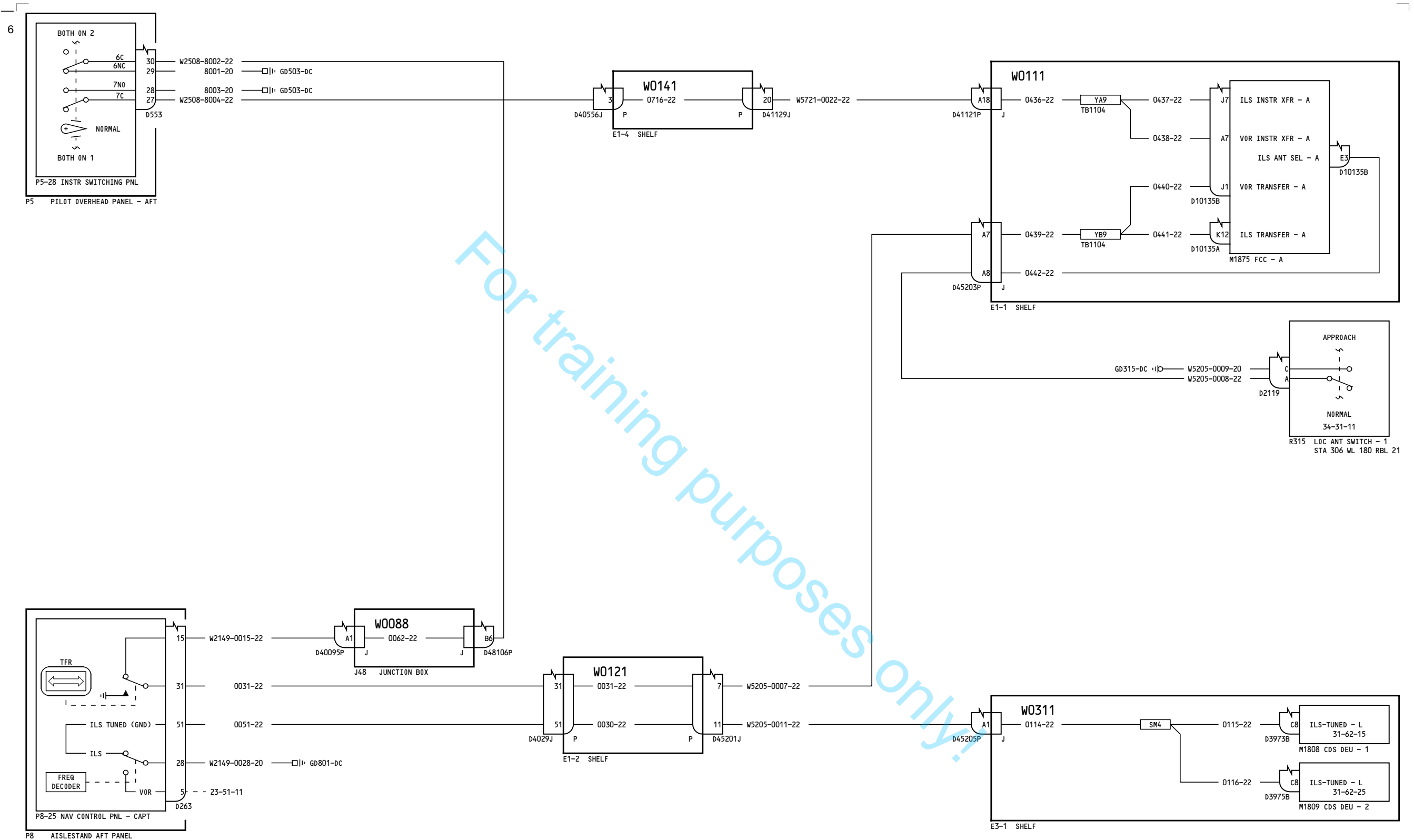
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YC053-YD158

**VOR/ILS INSTRUMENT  
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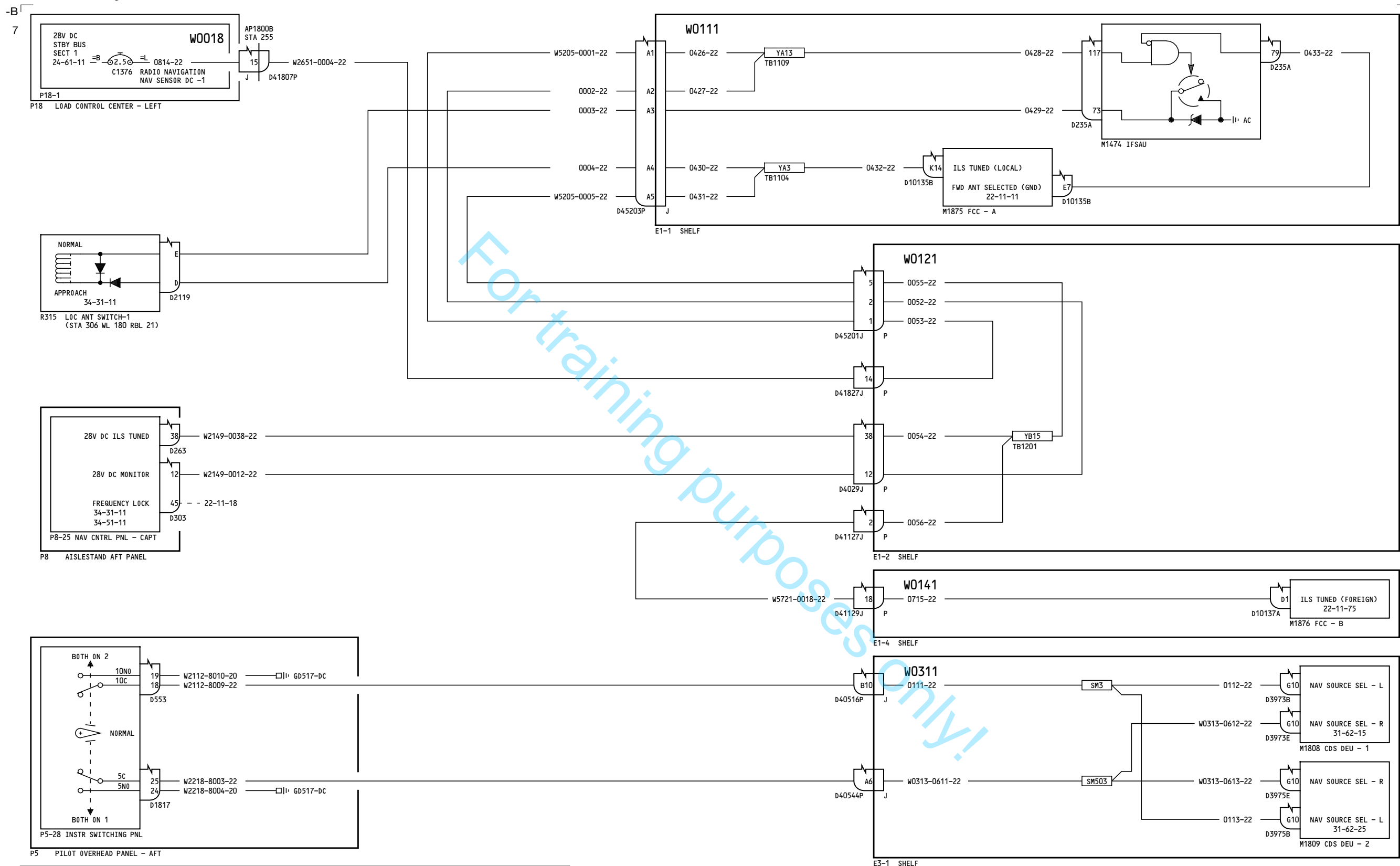
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YD160-YR328

VOR/ILS INSTRUMENT  
TRANSFER SWITCHING

D280A108

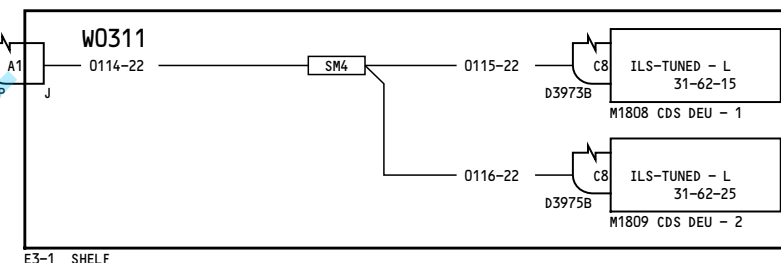
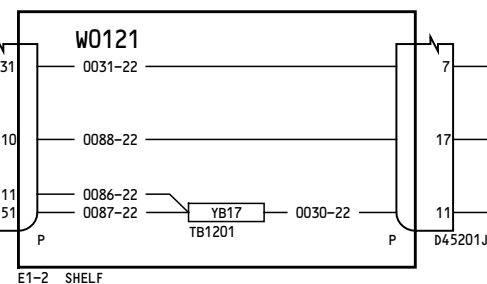
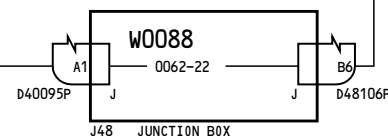
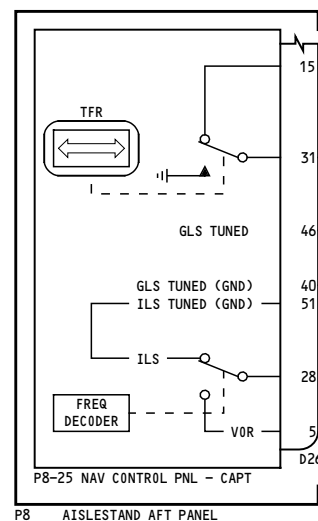
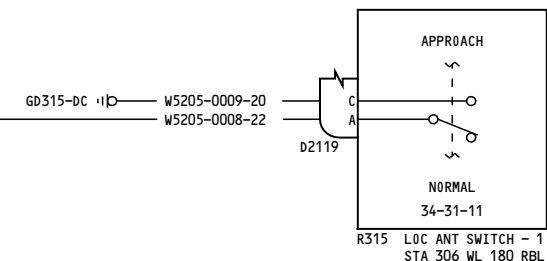
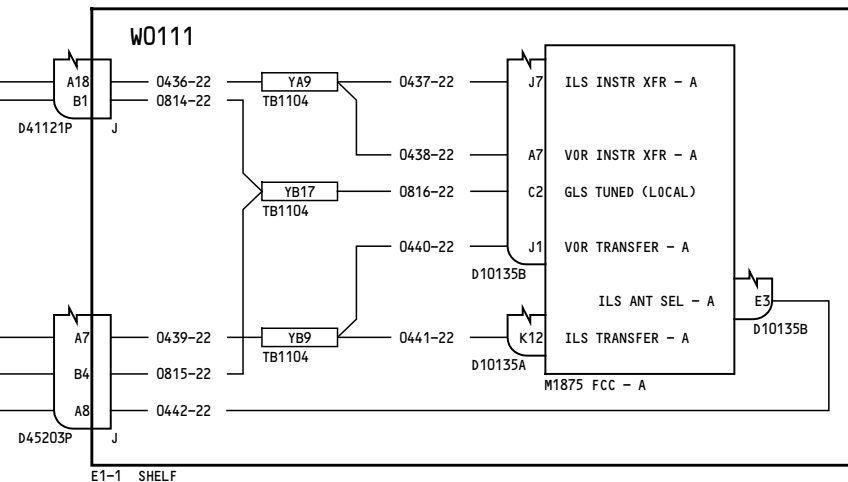
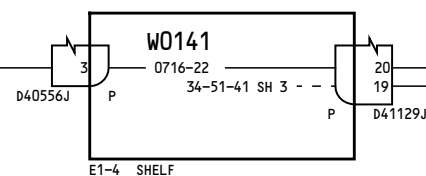
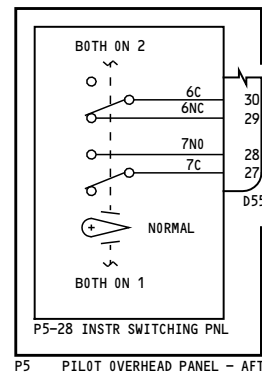
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YD160-YR328

**VOR/ILS INSTRUMENT  
TRANSFER SWITCHING**

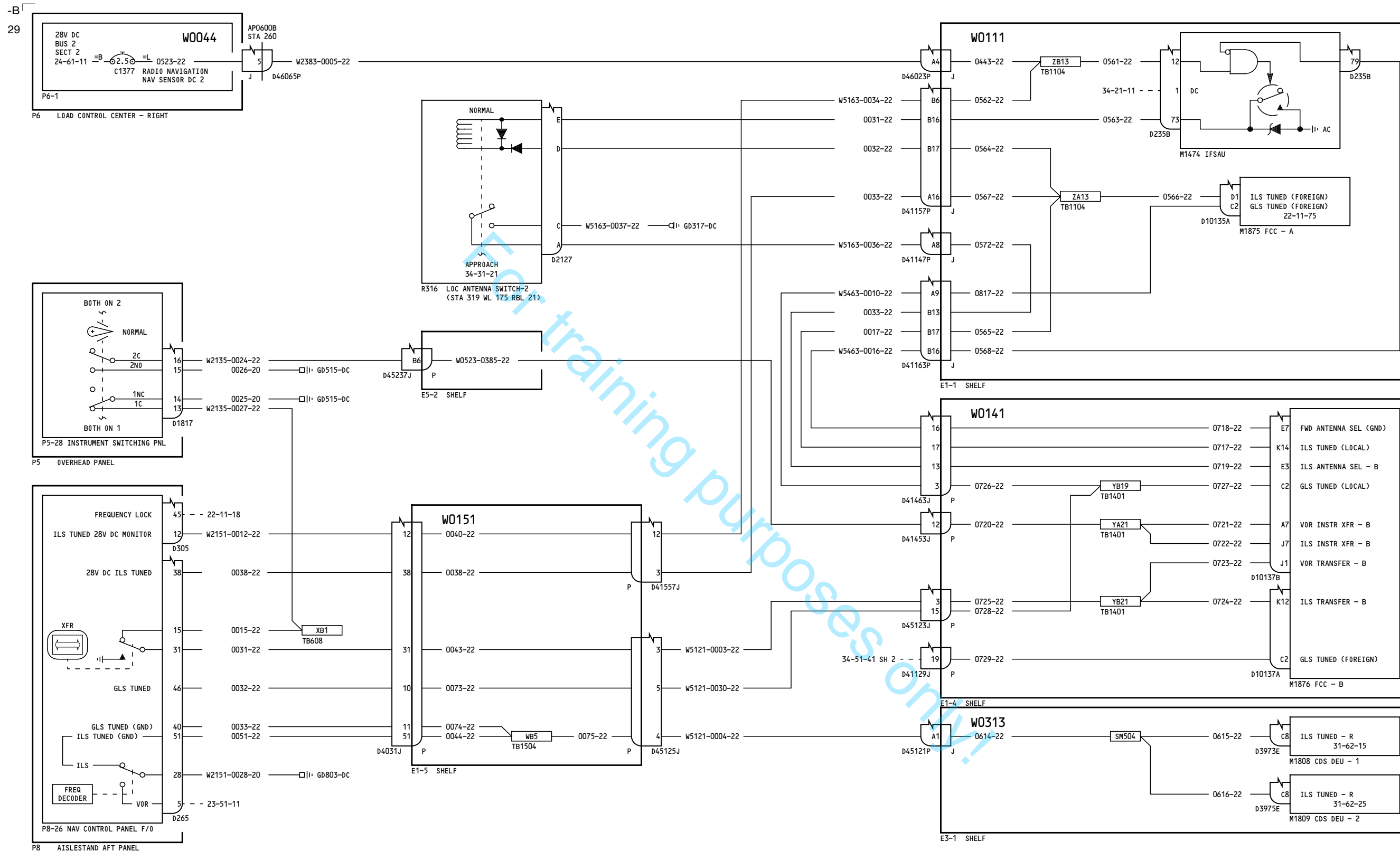
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YD160-YR328

VOR/ILS INSTRUMENT  
TRANSFER SWITCHING

D280A108

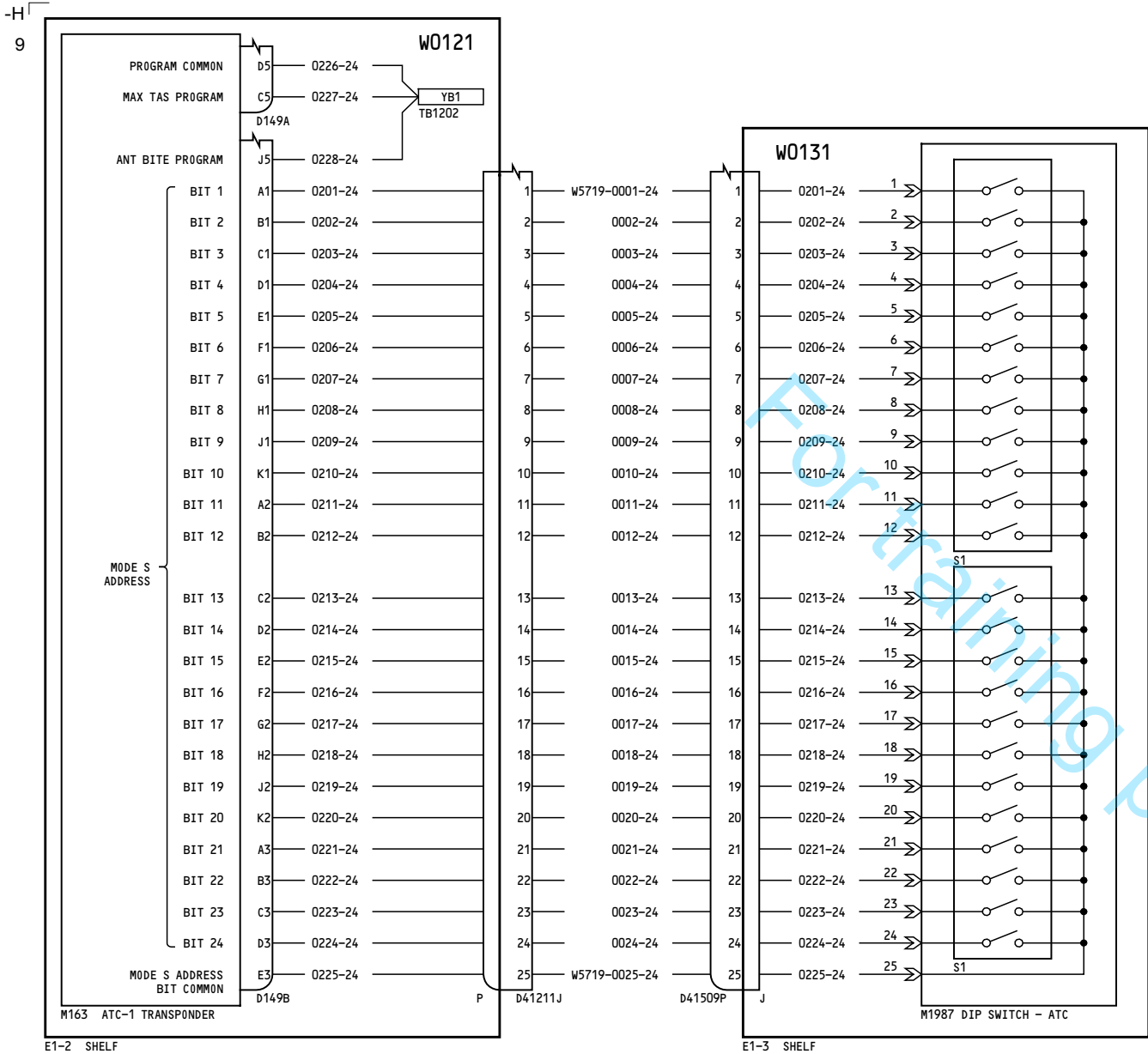
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ADDRESS BIT			M1987																							
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AIRPLANE	MODE S CODE		D149B AND M1987S1																							
	REGISTRY	OCTAL	A1	B1	C1	D1	E1	F1	G1	H1	J1	K1	A2	B2	C2	D2	E2	F2	G2	H2	J2	K2	A3	B3	C3	D3
YC051	D-ABAN	1704 4056	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	0
YC052	D-ABA0	1704 4057	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1
YC053	D-ABAP	1704 4060	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
YC054	D-ABAQ	1704 4061	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1
YC055	D-ABAR	1704 4062	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0
YC056	D-ABAS	1704 4063	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1
YC057	D-ABAT	1704 4064	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0
YC058	D-ABAU	1704 4065	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	1
YC059	D-ABAV	1704 4066	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0
YC060	D-ABAW	1704 4067	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	1
YC061	D-ABAX	1704 4070	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	0
YC062	D-ABAY	1704 4071	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	1
YC063	D-ABAZ	1704 4072	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	1	0
YC064	D-ABAC	1704 4043	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1
YC065	D-ABAD	1704 4044	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0
YC066	D-ABAE	1704 4045	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1
YC067	D-ABAF	1704 4046	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	0
YC068	D-ABAG	1704 4047	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1
YC069	D-ABBA	1704 4101	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
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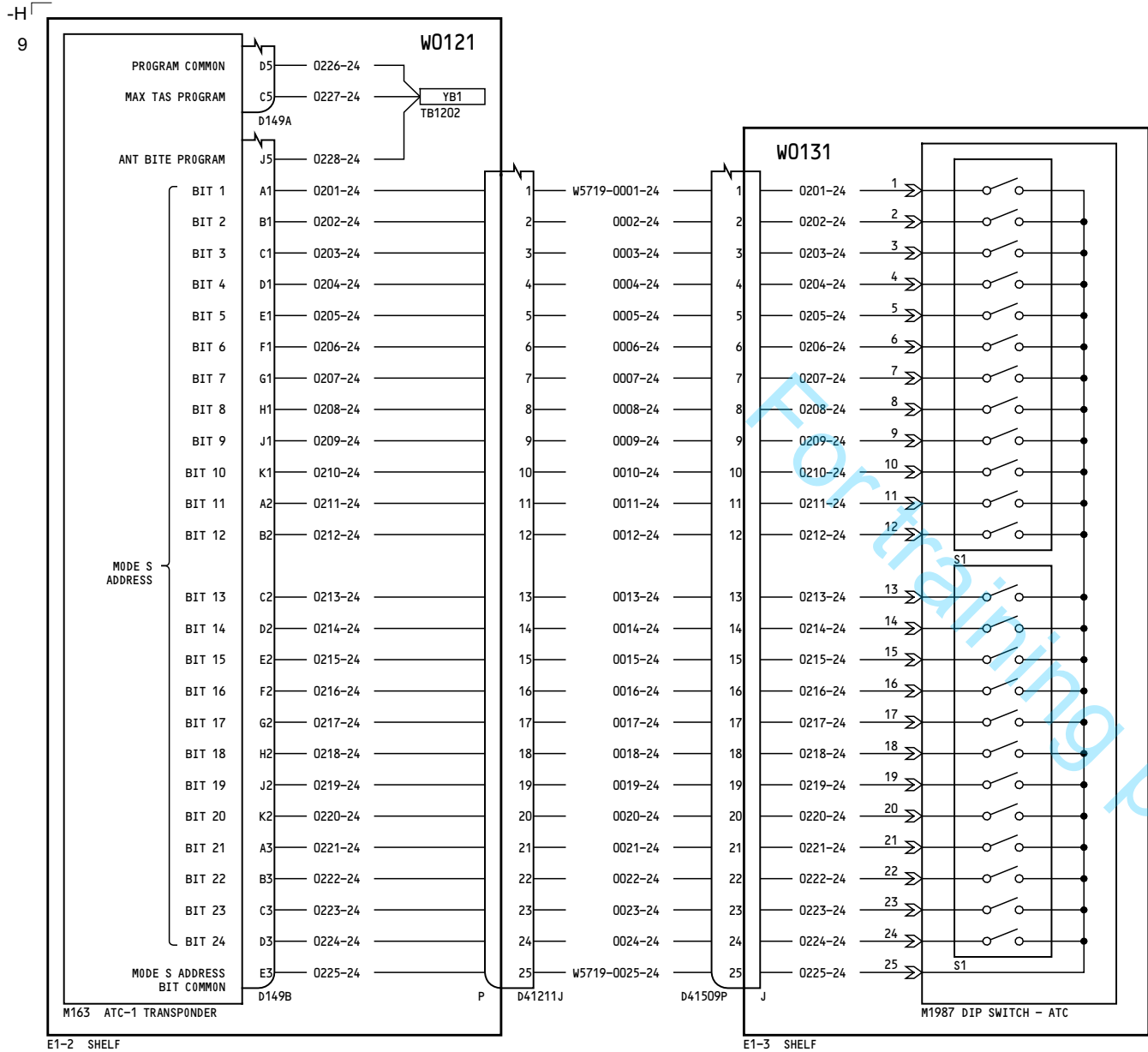
NOTES:

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

YC051-YC052	ATC TRANSPONDER 1
	D280A108







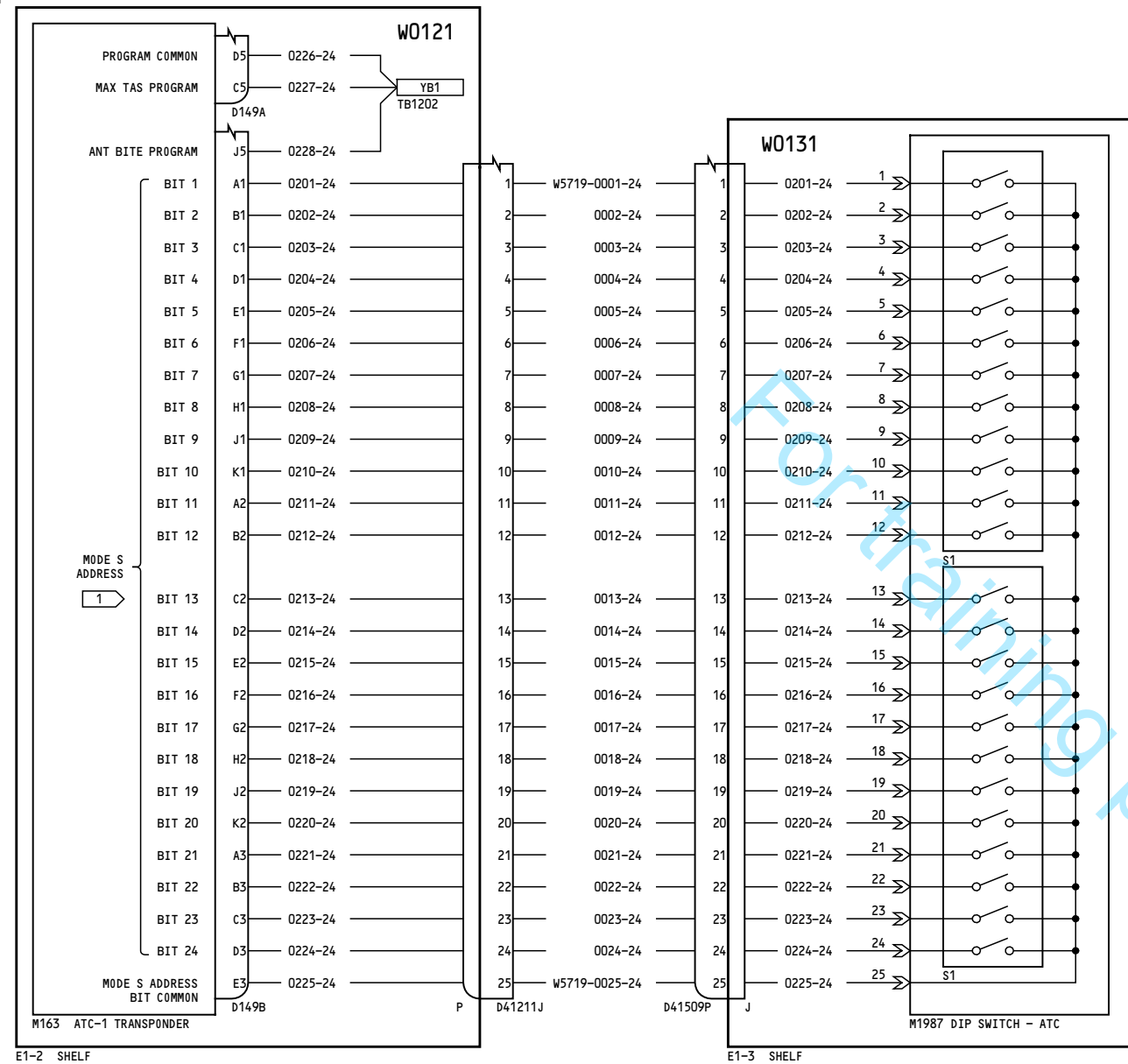
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AIRPLANE	MODE S CODE		D149B AND M1987S1																							
	REGISTRY	OCTAL	A1	B1	C1	D1	E1	F1	G1	H1	J1	K1	A2	B2	C2	D2	E2	F2	G2	H2	J2	K2	A3	B3	C3	D3
YC051	D-ABAN	1704 4056	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	0
YC052	D-ABA0	1704 4057	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1
YC053	D-ABAP	1704 4060	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
YC054	D-ABAQ	1704 4061	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1
YC055	D-ABAR	1704 4062	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0
YC056	D-ABAS	1704 4063	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1
YC057	D-ABAT	1704 4064	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0
YC058	D-ABAU	1704 4065	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	1
YC059	D-ABAV	1704 4066	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0
YC060	D-ABAW	1704 4067	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	1
YC061	D-ABAX	1704 4070	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	0
YC062	D-ABAY	1704 4071	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	1
YC063	D-ABAZ	1704 4072	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	1	0
YC064	D-ABAC	1704 4043	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1
YC065	D-ABAD	1704 4044	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0
YC066	D-ABAE	1704 4045	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1
YC067	D-ABAF	1704 4046	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	0
YC068	D-ABAG	1704 4047	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1
YC069	D-ABBA	1704 4101	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
YC070	D-ABBB	1704 4102	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0

NOTES:

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

YC053-YC070	ATC TRANSPONDER 1
	D280A108





1

[illegible]

NOTES:

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

YD151-YD157

**ATC TRANSPONDER 1**

D280A108

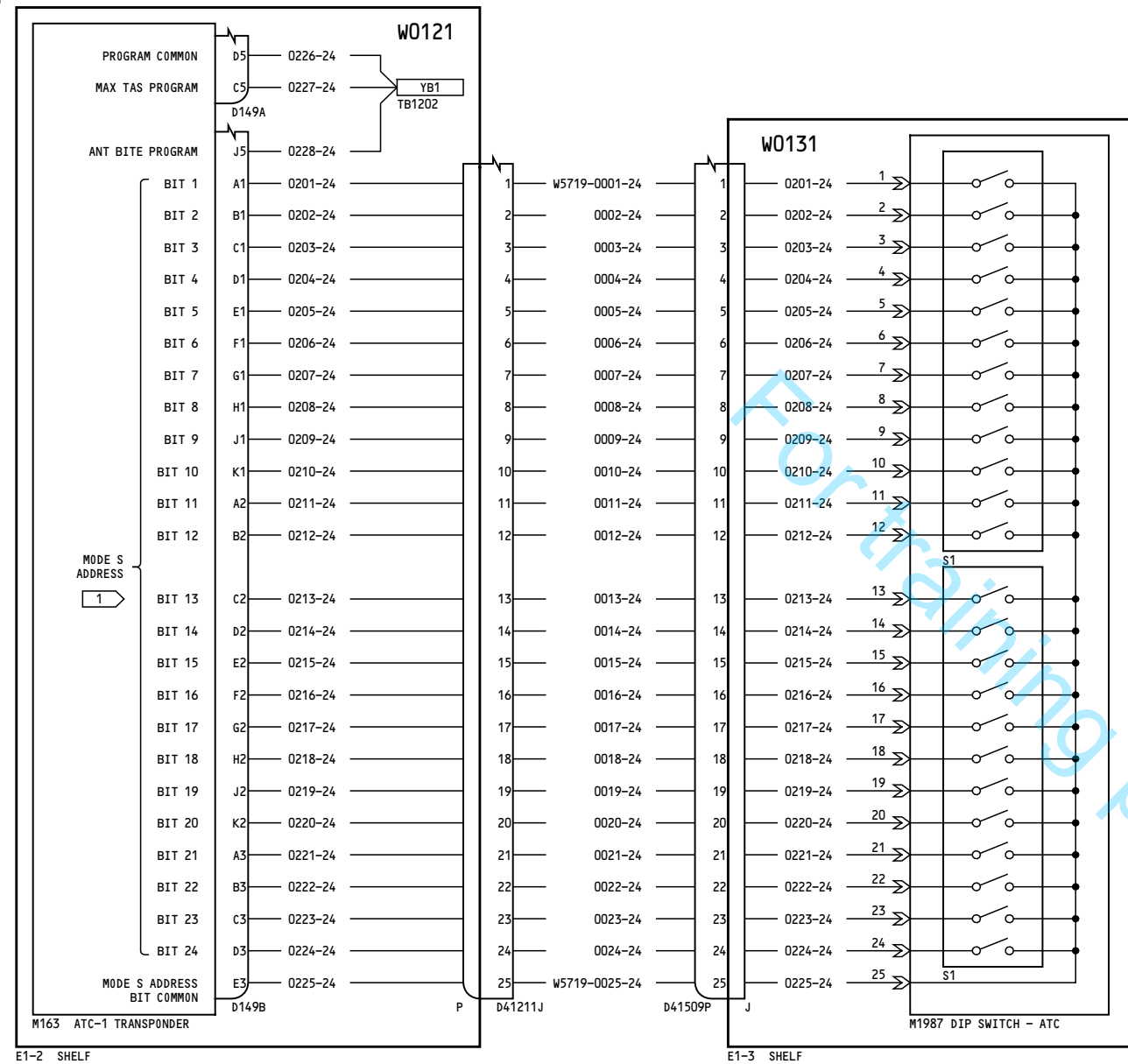
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[illegible]

NOTES:

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

YD158-YD170

**ATC TRANSPONDER 1**

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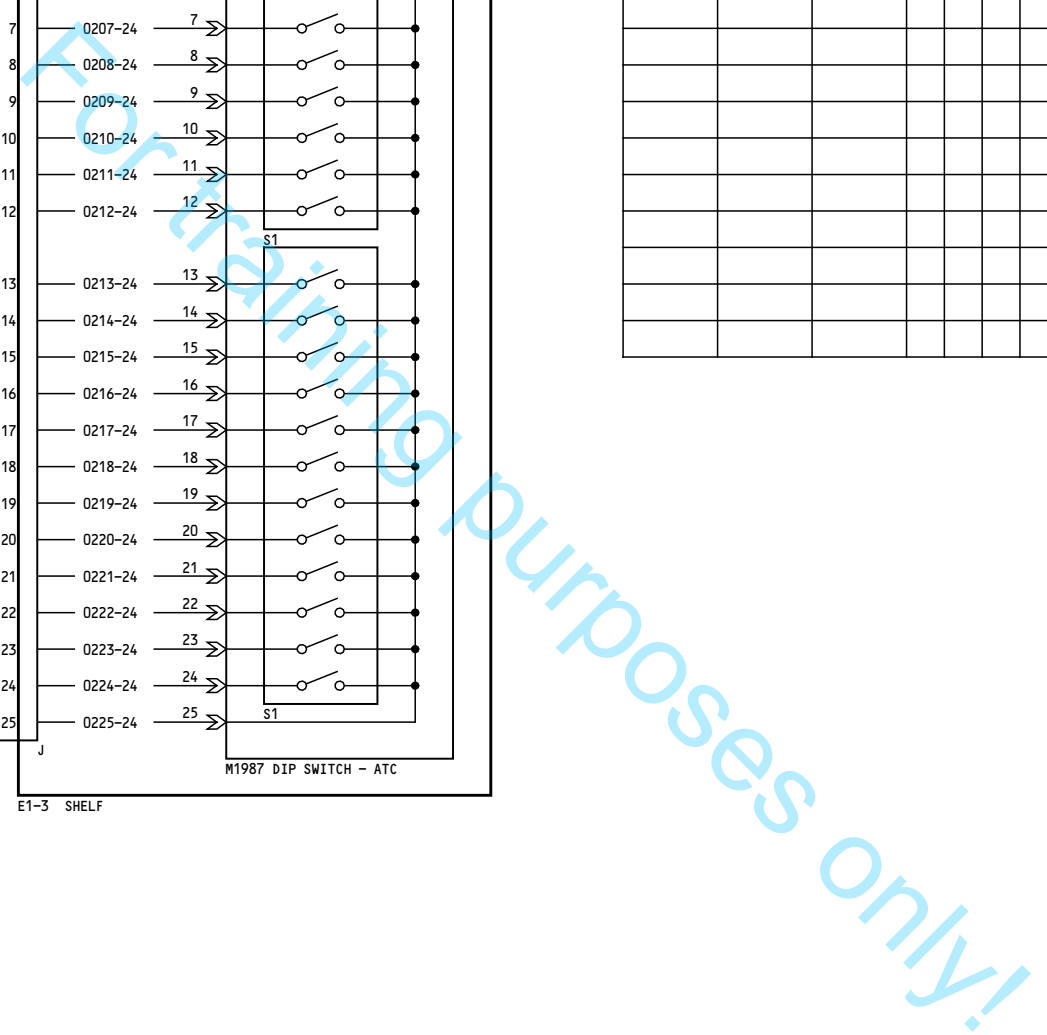








1

[illegible]

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

**ATC TRANSPONDER 1**

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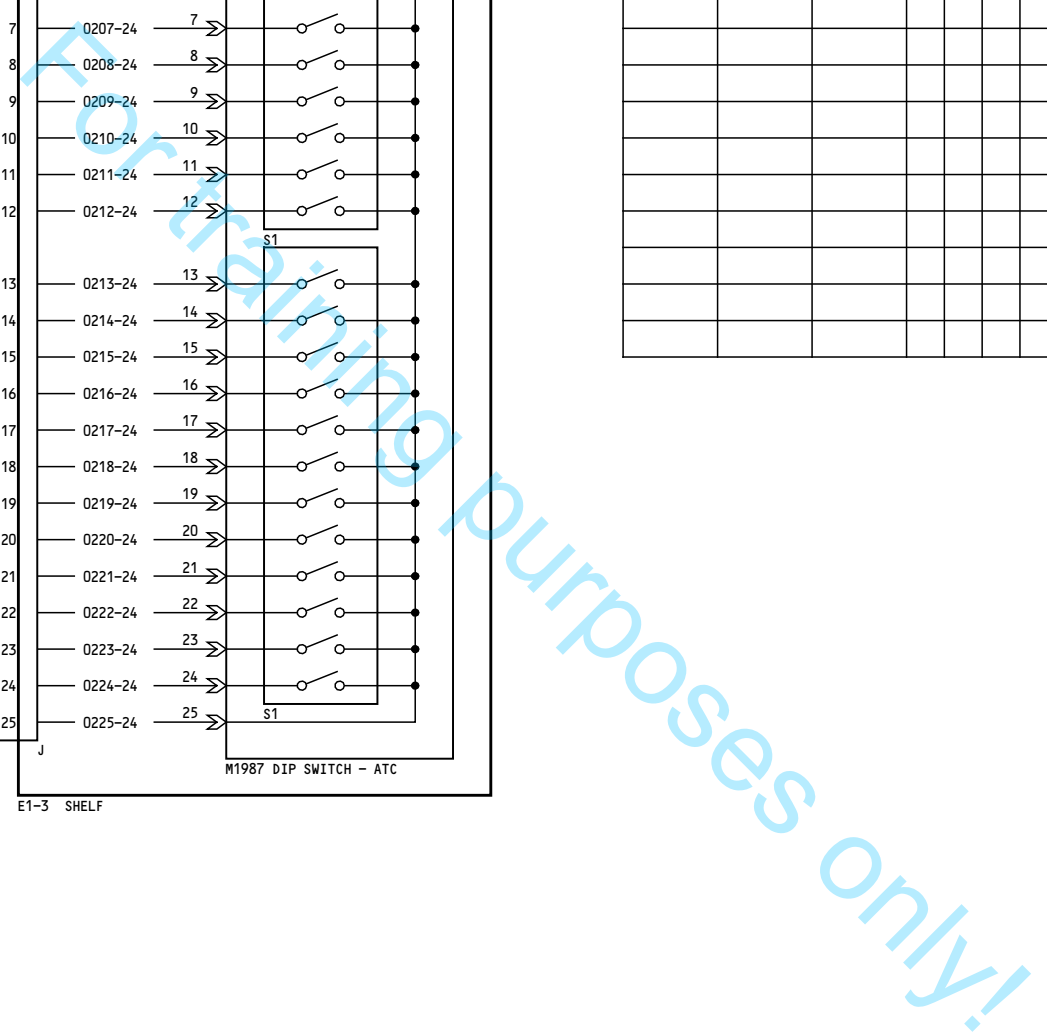
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1

[illegible]

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

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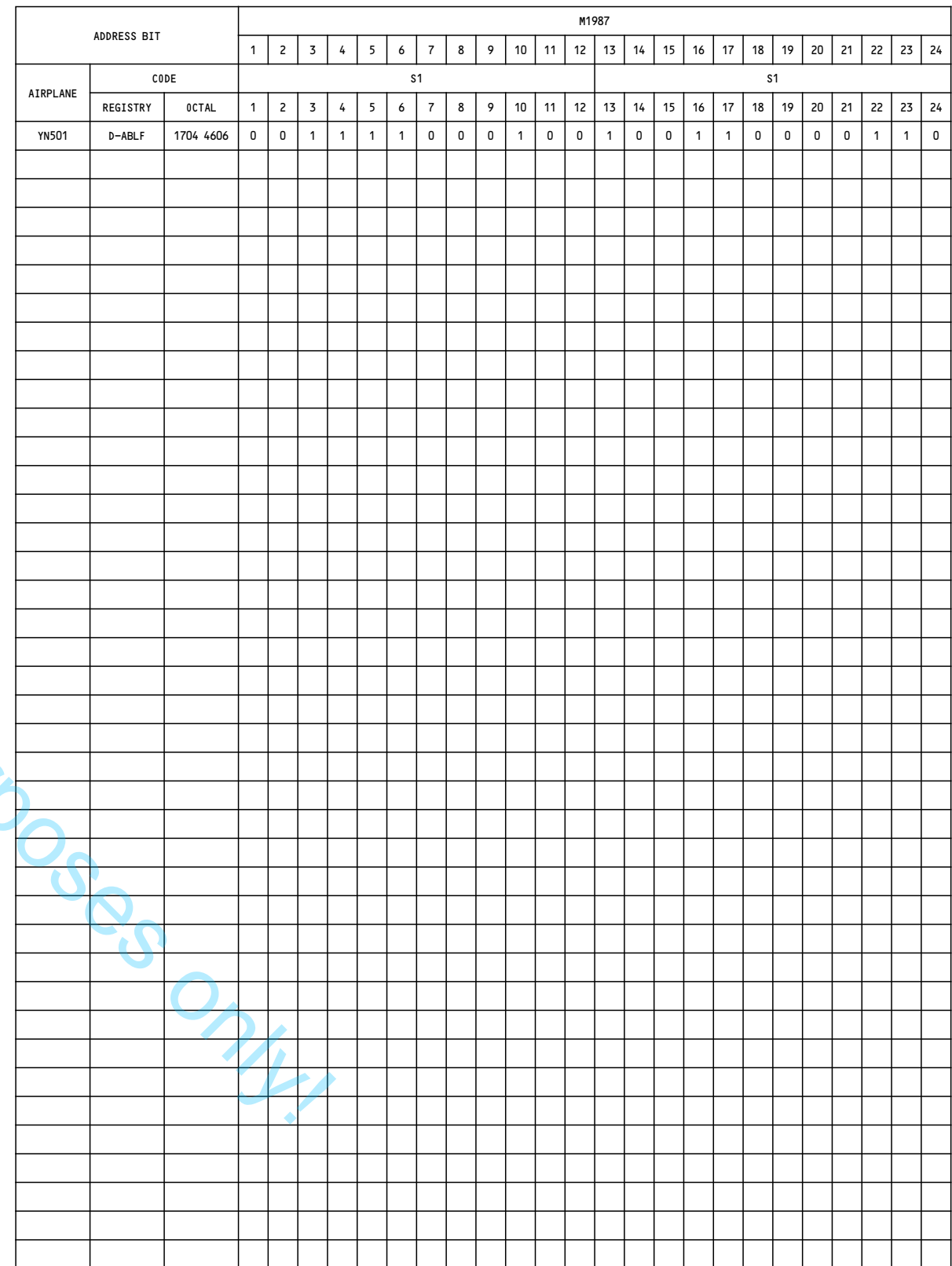
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1



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

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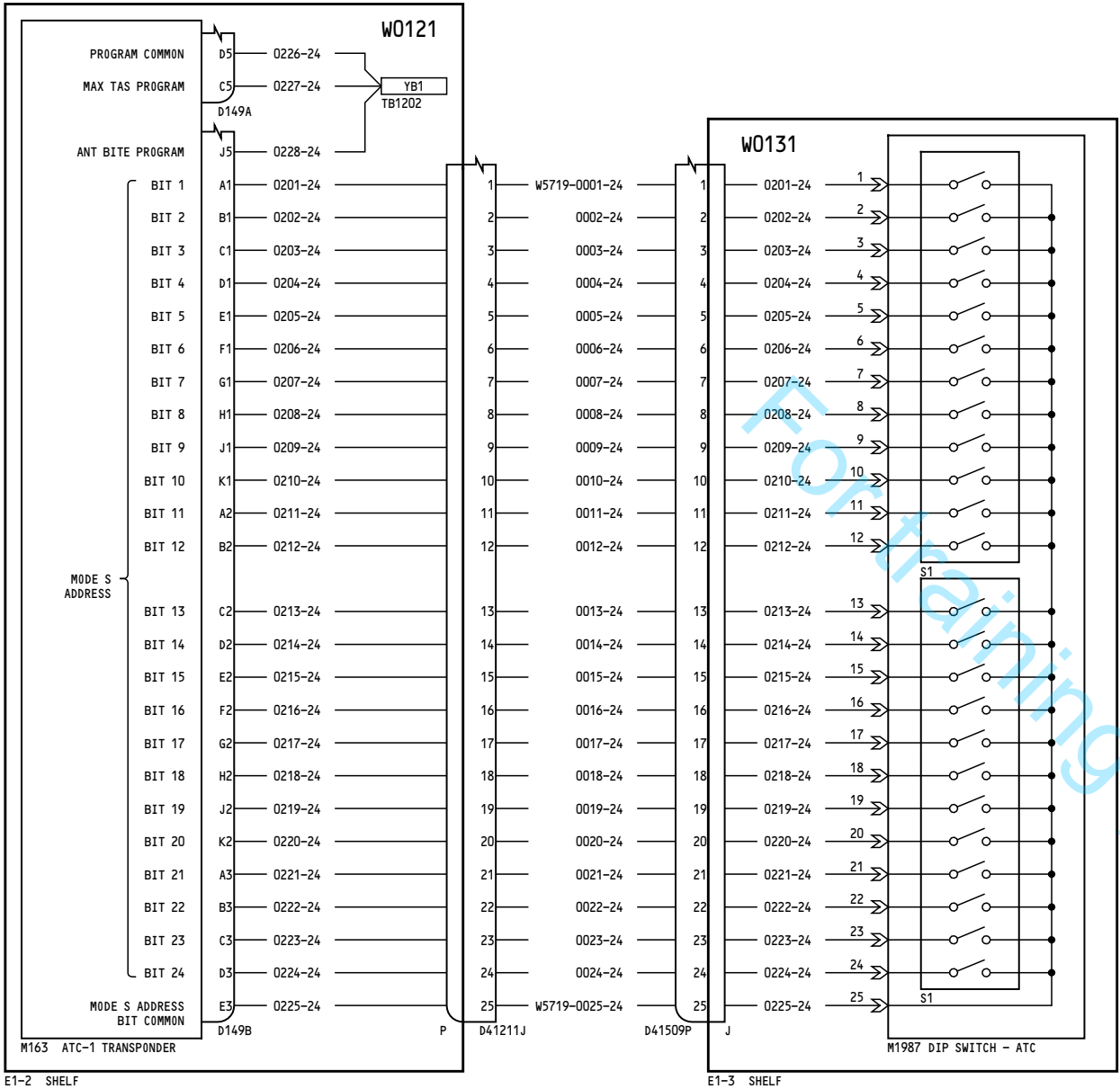
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**NOTES:**

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

YR303-YR309	<b>ATC TRANSPONDER 1</b>  D280A108
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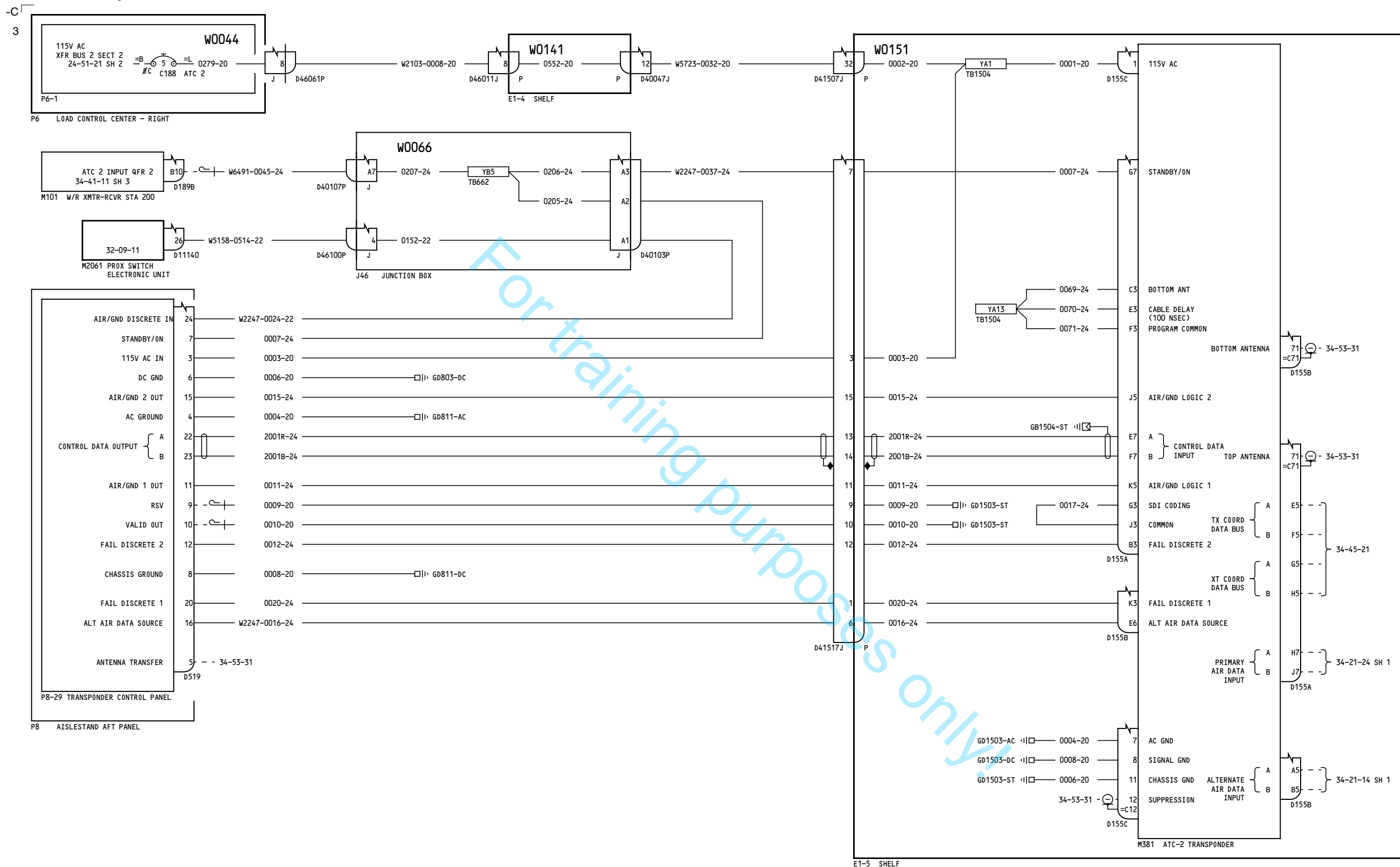
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YR301	D-ABKQ	1704 4561	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1				
YR302	B-5586	3600 3513	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	1				
YR303	D-ABKT	1704 4564	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	0				
YR304	D-ABKS	1704 4563	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	1	1				
YR305	D-ABKU	1704 4565	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	1				
YR306	D-ABKV	1704 4566	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	0				
YR307	D-ABKW	1704 4567	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1				
YR308	D-ABKX	1704 4570	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0				
YR309	D-ABKY	1704 4571	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	1				
YR311	D-ABMA	1704 4641	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	0	1				
YR312	D-ABMC	1704 4643	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	1				
YR313	D-ABMB	1704 4642	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	0				
YR314	D-ABMD	1704 4644	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	0				
YR315	D-ABME	1704 4645	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	1				
YR316	D-ABMF	1704 4646	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	0				
YR317	D-ABMG	1704 4647	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	1				
YR318	D-ABMH	1704 4650	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	0				
YR319	D-ABMI	1704 4651	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	1				
YR320	D-ABMJ	1704 4652	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	0				
YR321	D-ABMK	1704 4653	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	1				
YR322	D-ABML	1704 4654	0	0	1	1	1	1																						

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YC051-YC052

ATC TRANSPONDER 2

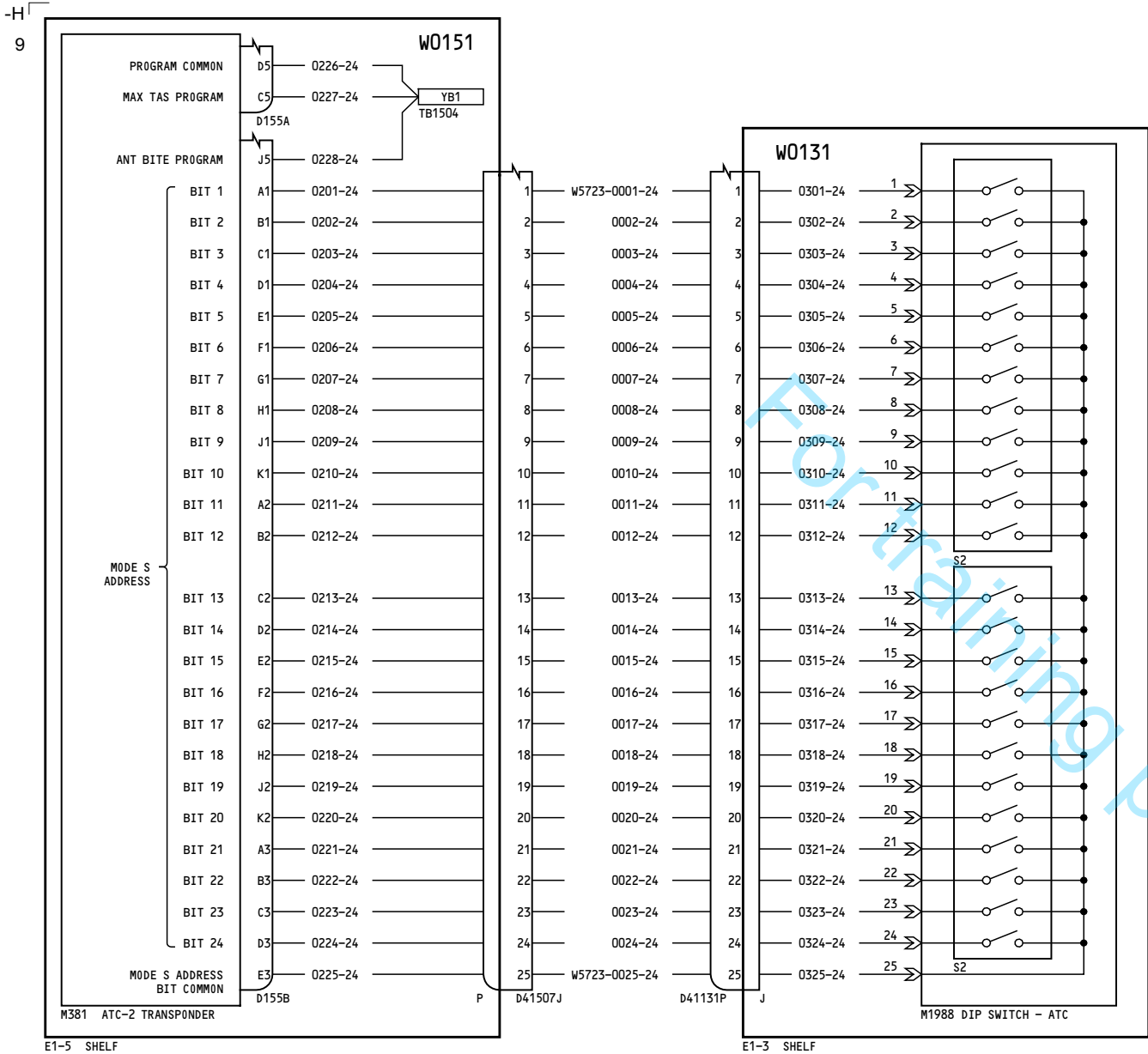
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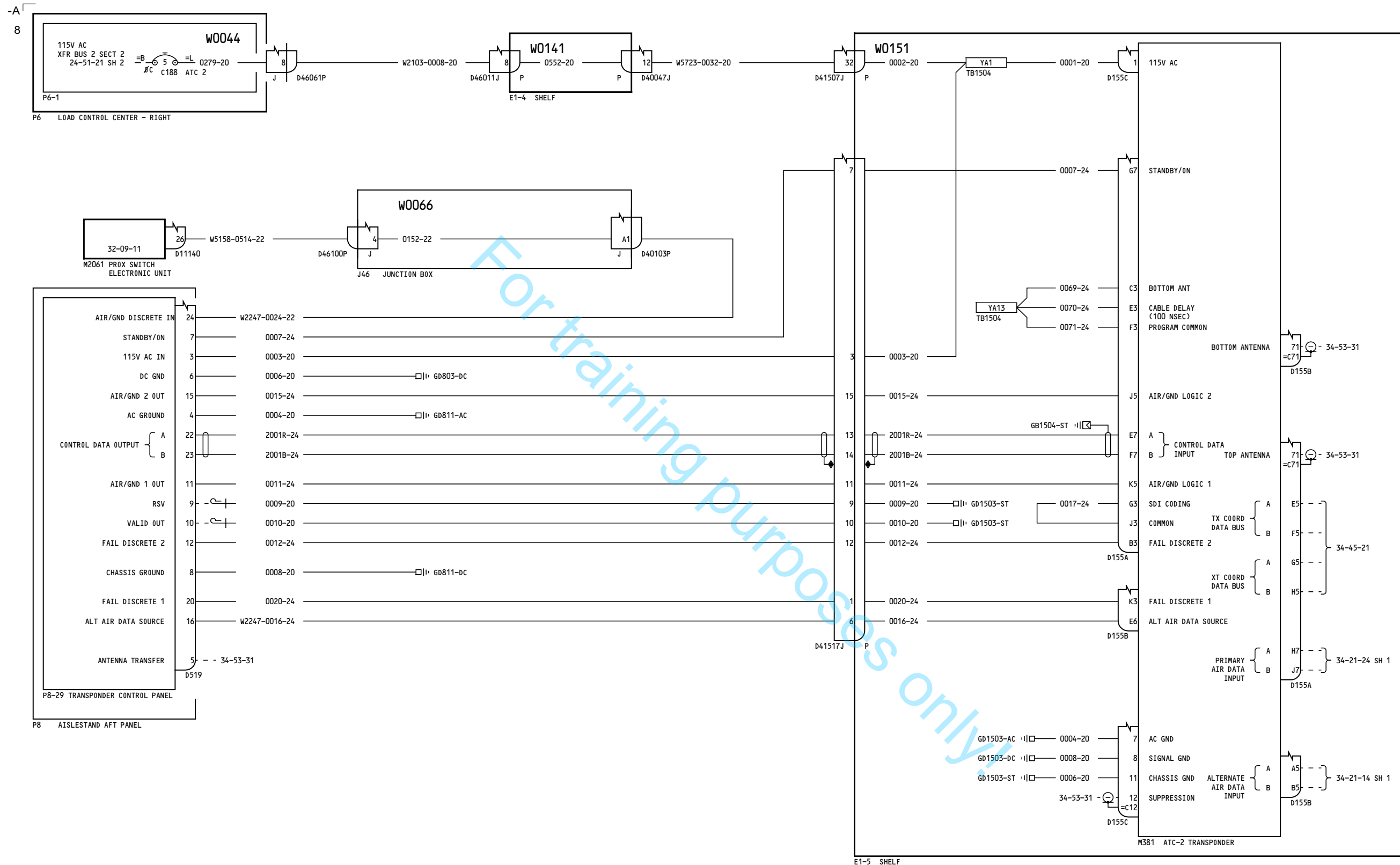
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AIRPLANE	MODE S CODE		D155B AND M1988S2																							
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YC051	D-ABAN	1704 4056	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	0
YC052	D-ABA0	1704 4057	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1
YC053	D-ABAP	1704 4060	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
YC054	D-ABAQ	1704 4061	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1
YC055	D-ABAR	1704 4062	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0
YC056	D-ABAS	1704 4063	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1
YC057	D-ABAT	1704 4064	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0
YC058	D-ABAU	1704 4065	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	1
YC059	D-ABAV	1704 4066	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0
YC060	D-ABAW	1704 4067	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	1
YC061	D-ABAX	1704 4070	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	0
YC062	D-ABAY	1704 4071	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	1
YC063	D-ABAZ	1704 4072	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	1	0
YC064	D-ABAC	1704 4043	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1
YC065	D-ABAD	1704 4044	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0
YC066	D-ABAE	1704 4045	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1
YC067	D-ABAF	1704 4046	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	0
YC068	D-ABAG	1704 4047	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1
YC069	D-ABBA	1704 4101	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
YC070	D-ABBB	1704 4102	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0

NOTES:

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

YC051-YC052	ATC TRANSPONDER 2
	D280A108





YC053-YC070

ATC TRANSPONDER 2

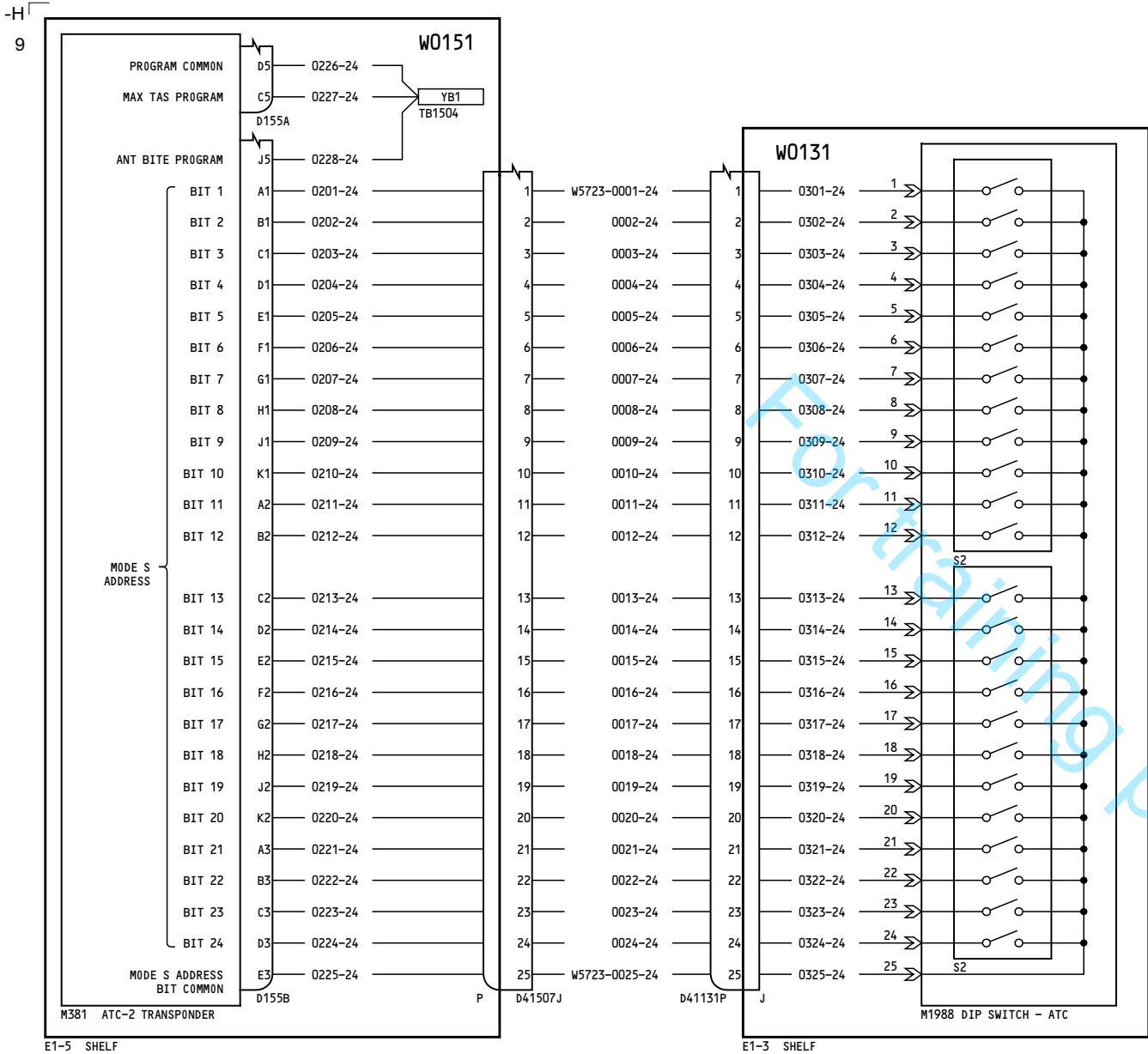
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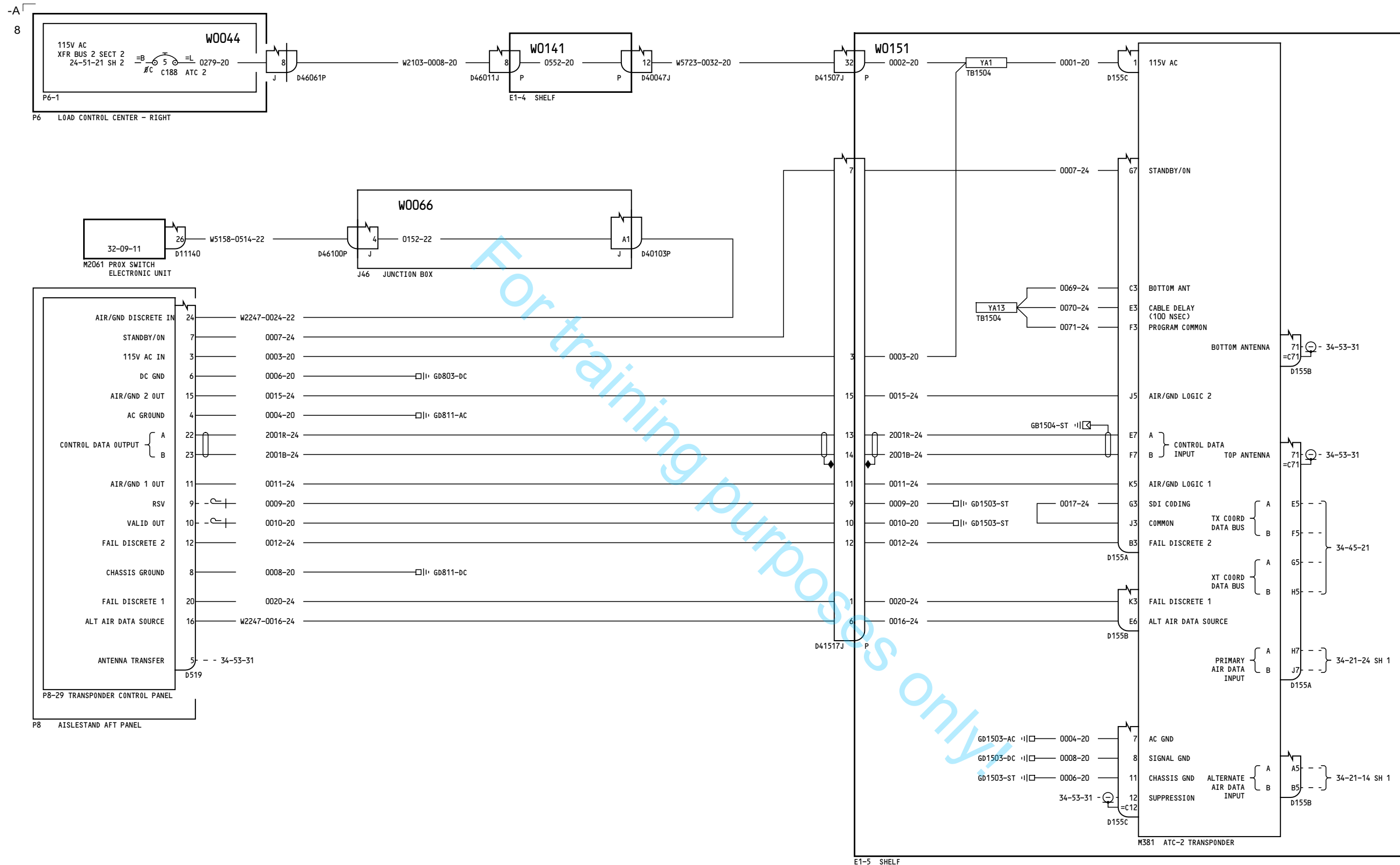


ADDRESS BIT			M1988																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
AIRPLANE	MODE S CODE		D155B AND M1988S2																							
	REGISTRY	OCTAL	A1	B1	C1	D1	E1	F1	G1	H1	J1	K1	A2	B2	C2	D2	E2	F2	G2	H2	J2	K2	A3	B3	C3	D3
YC051	D-ABAN	1704 4056	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	0
YC052	D-ABA0	1704 4057	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1
YC053	D-ABAP	1704 4060	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
YC054	D-ABAQ	1704 4061	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1
YC055	D-ABAR	1704 4062	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0
YC056	D-ABAS	1704 4063	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1
YC057	D-ABAT	1704 4064	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0
YC058	D-ABAU	1704 4065	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	1
YC059	D-ABAV	1704 4066	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0
YC060	D-ABAW	1704 4067	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	1
YC061	D-ABAX	1704 4070	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	0
YC062	D-ABAY	1704 4071	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	0	1
YC063	D-ABAZ	1704 4072	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	1	0
YC064	D-ABAC	1704 4043	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1
YC065	D-ABAD	1704 4044	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0
YC066	D-ABAE	1704 4045	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1
YC067	D-ABAF	1704 4046	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	0
YC068	D-ABAG	1704 4047	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1
YC069	D-ABBA	1704 4101	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
YC070	D-ABBB	1704 4102	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0

NOTES:

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

YC053-YC070	ATC TRANSPONDER 2
	D280A108



YD151-YD157

ATC TRANSPONDER 2

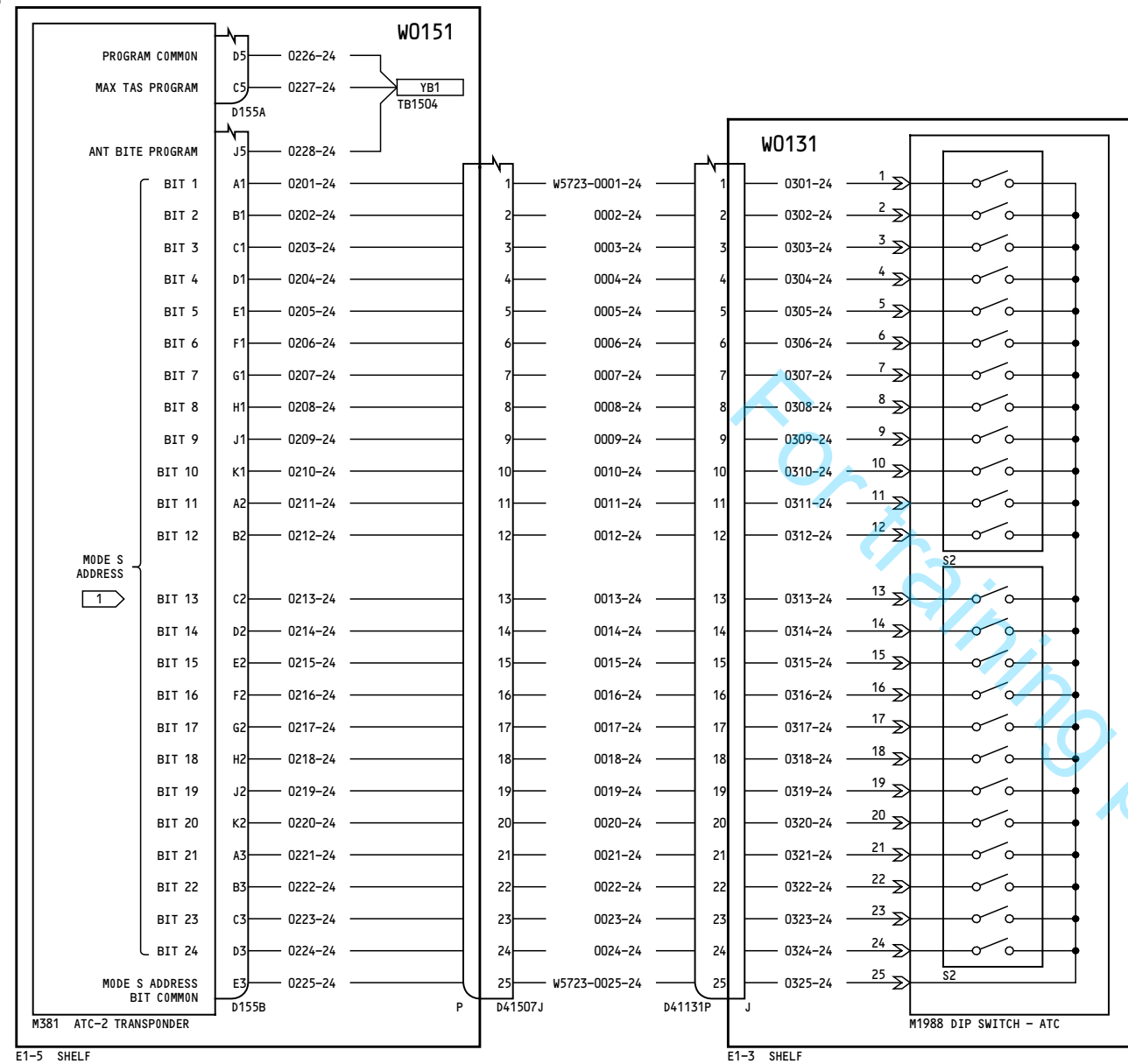
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[illegible]

NOTES:

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

YD151-YD157

## ATC TRANSPONDER 2

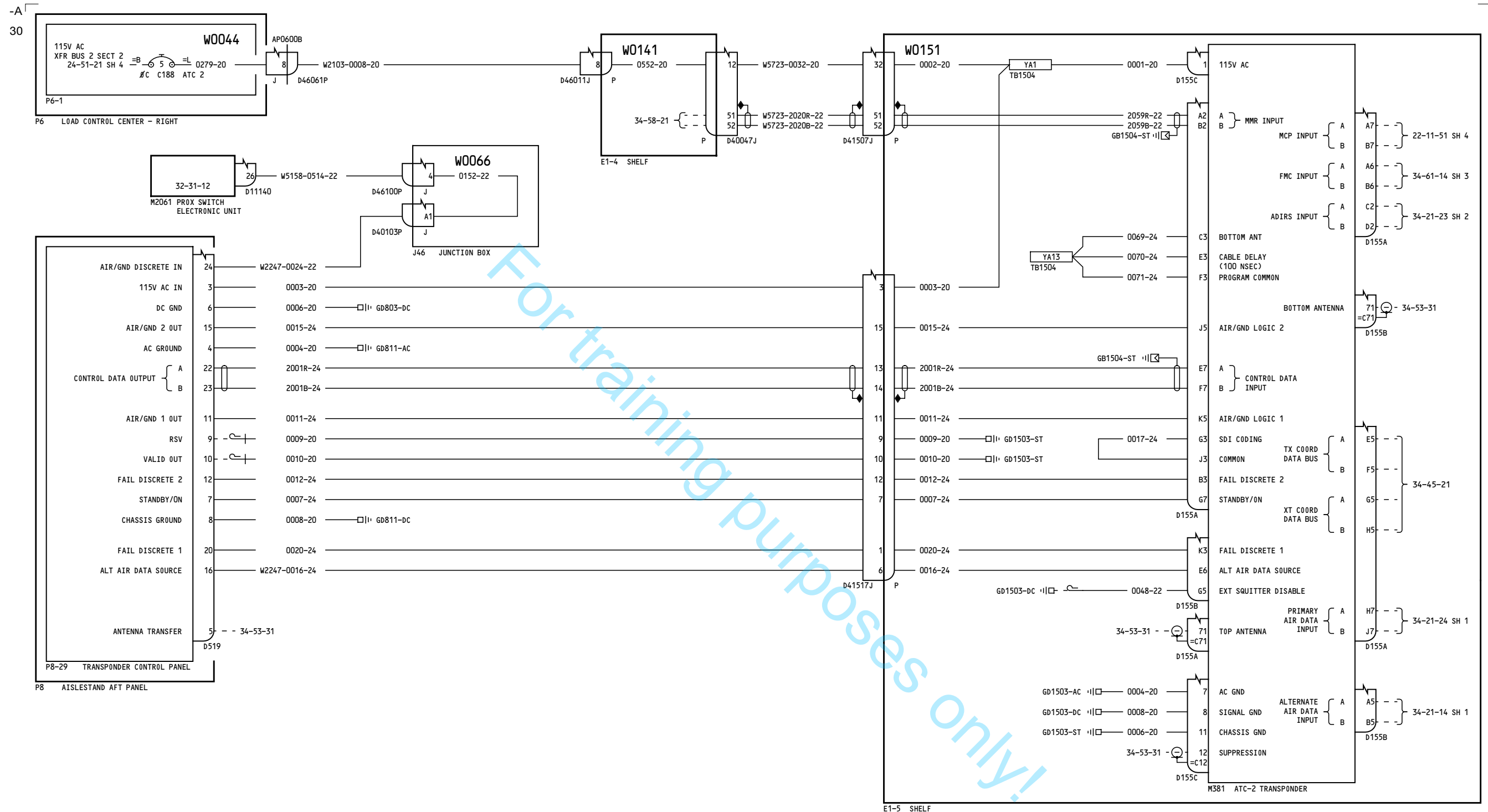
D280A108

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YD158-YD170

ATC TRANSPONDER 2

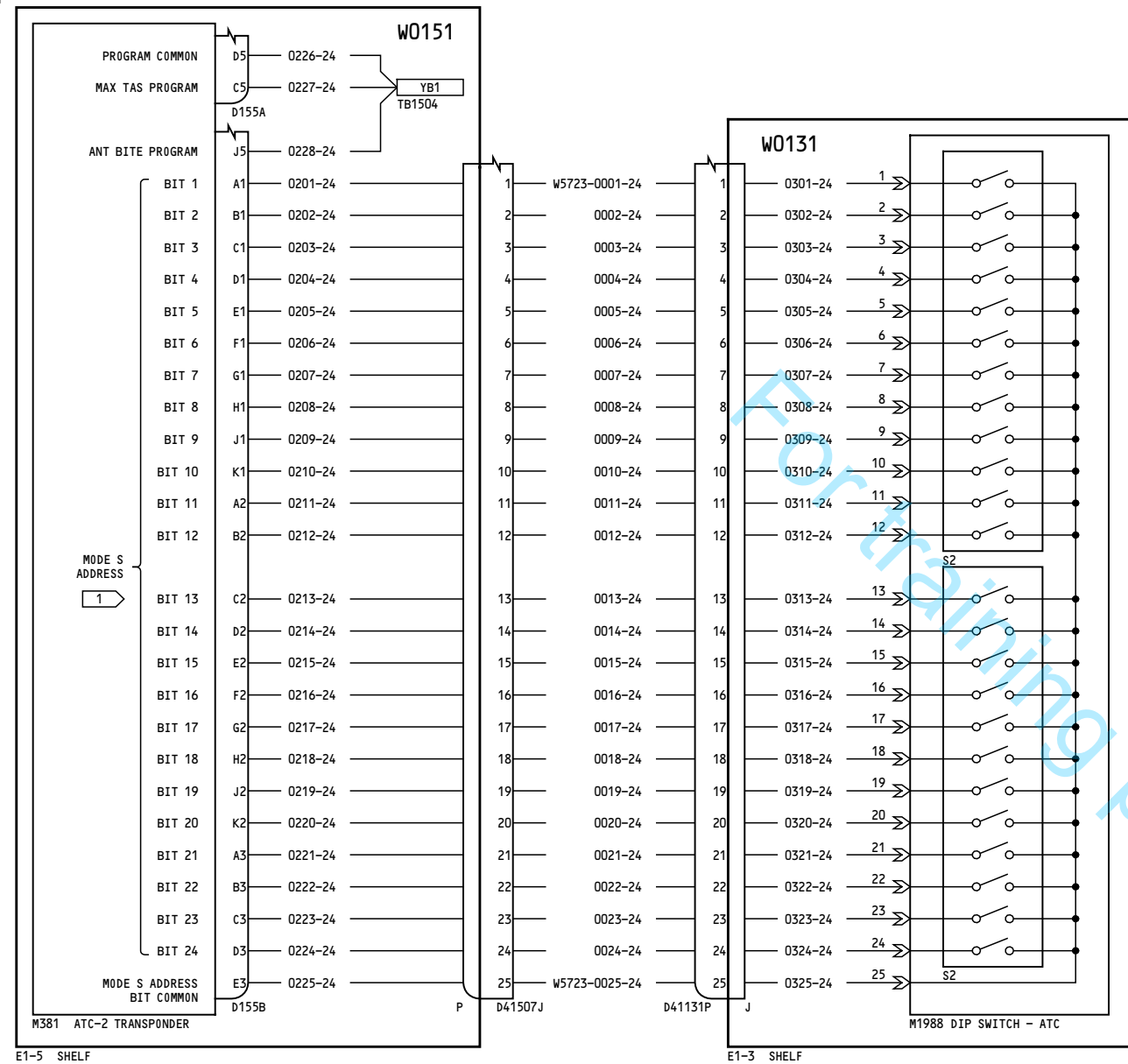
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[illegible]

NOTES:

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

YD158-YD170

## ATC TRANSPONDER 2

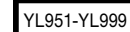
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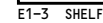


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1 SEE CHART FOR SWITCH POSITION  
LOGIC "1" SWITCH IS ON (CLOSED)  
LOGIC "0" SWITCH IS OFF (OPEN)

**ATC TRANSPONDER 2**

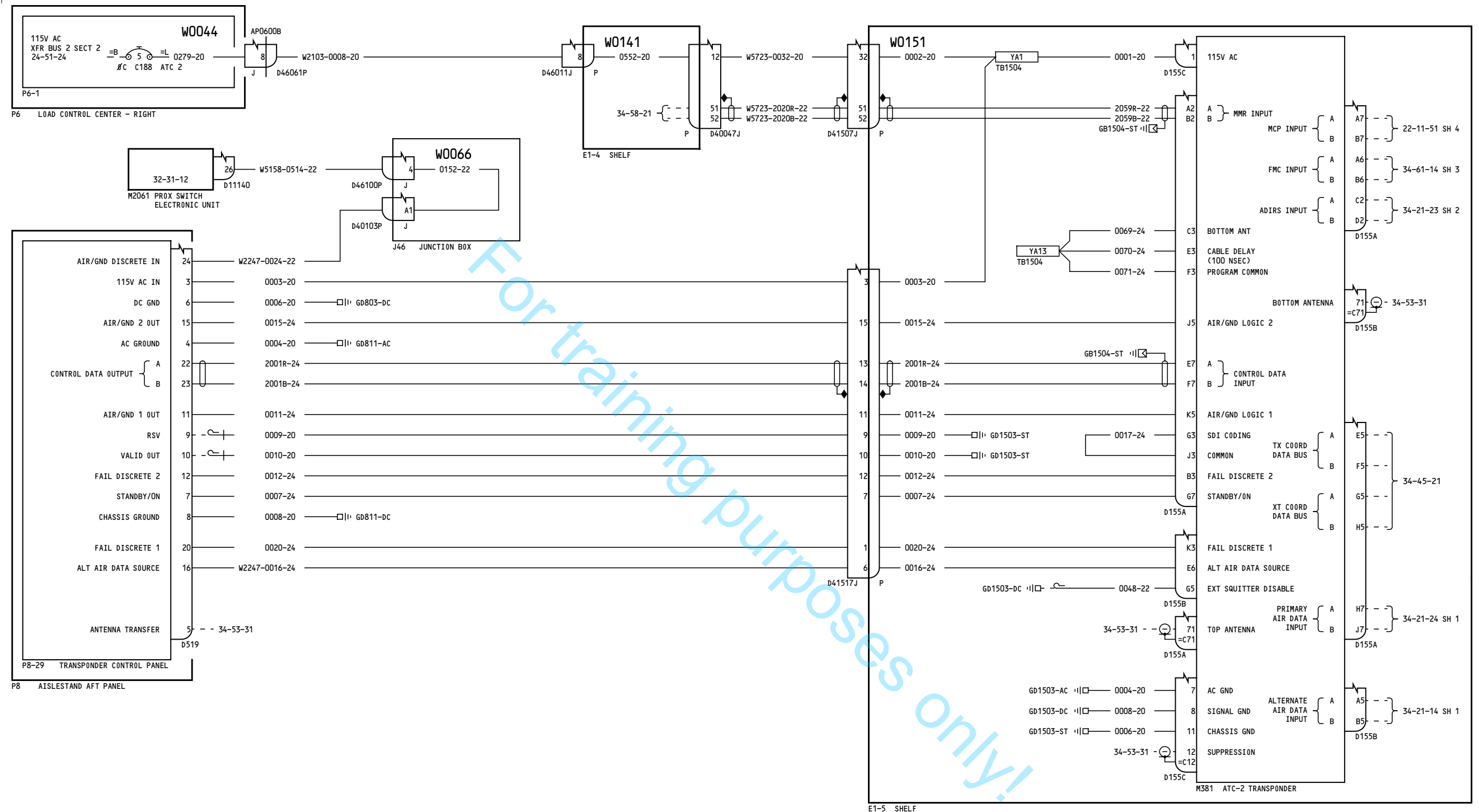
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YN231-YN236

ATC TRANSPONDER 2

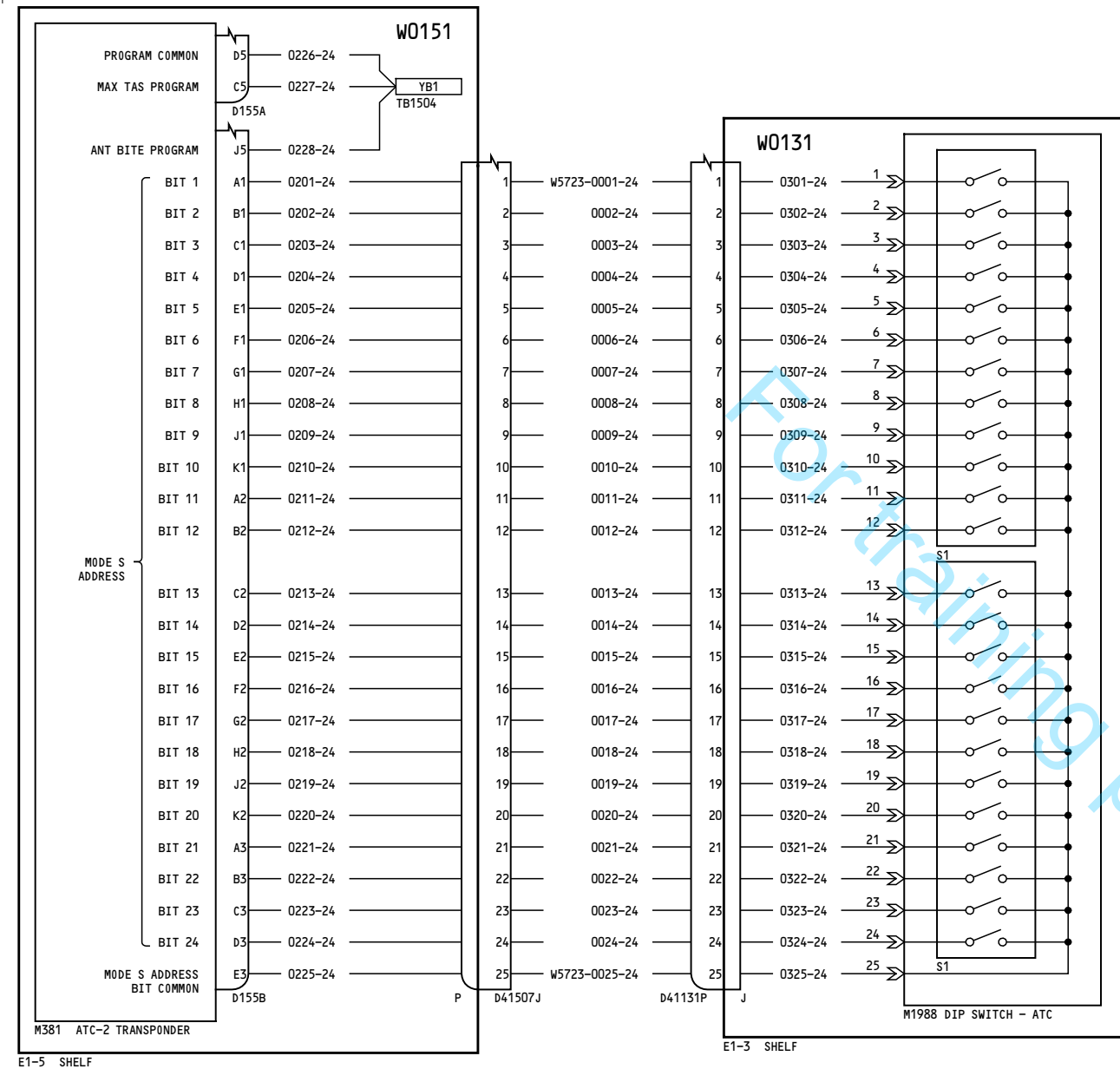
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[illegible]

NOTES:

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

YN231-YN236

## ATC TRANSPONDER 2

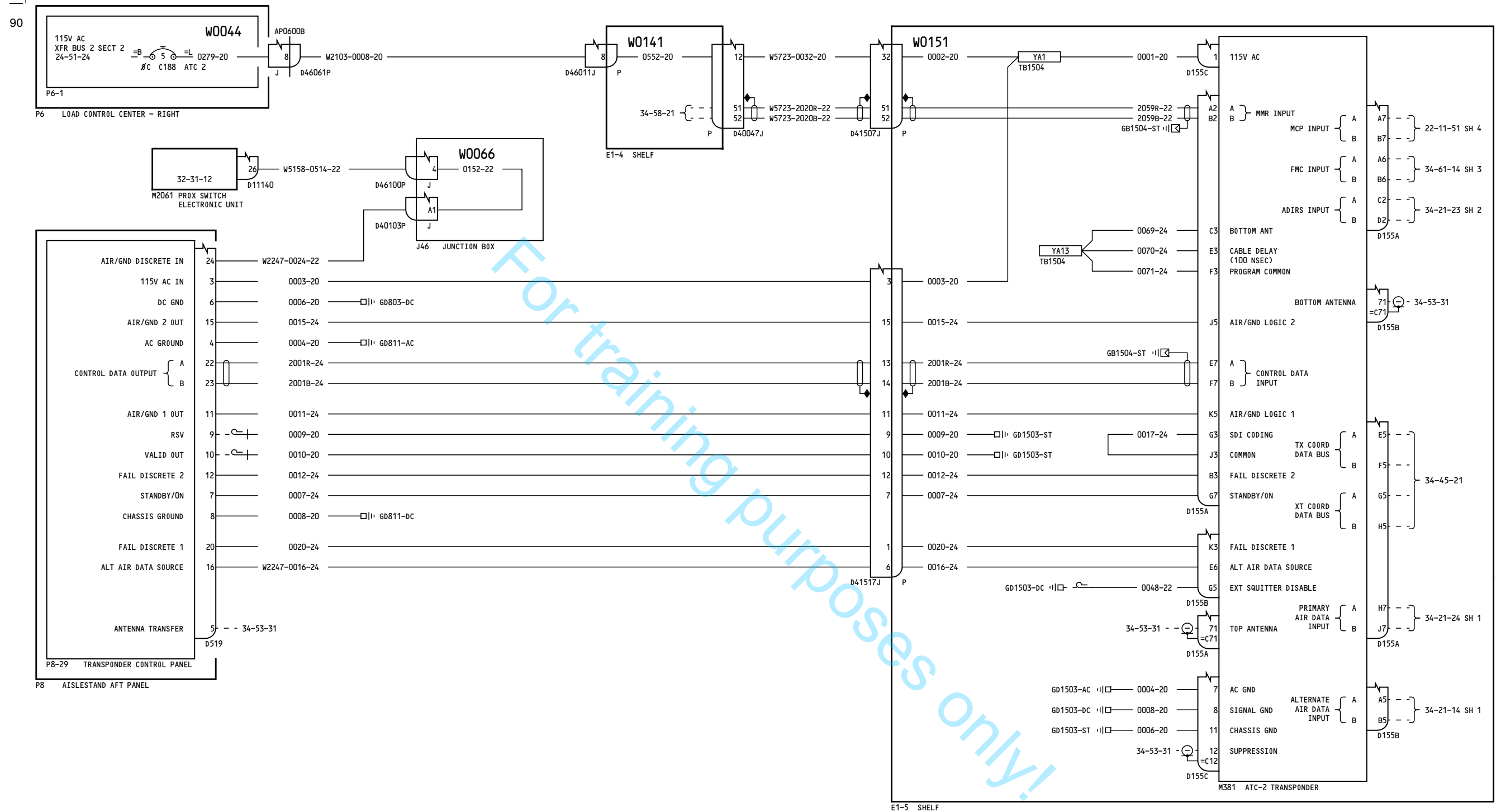
D280A108

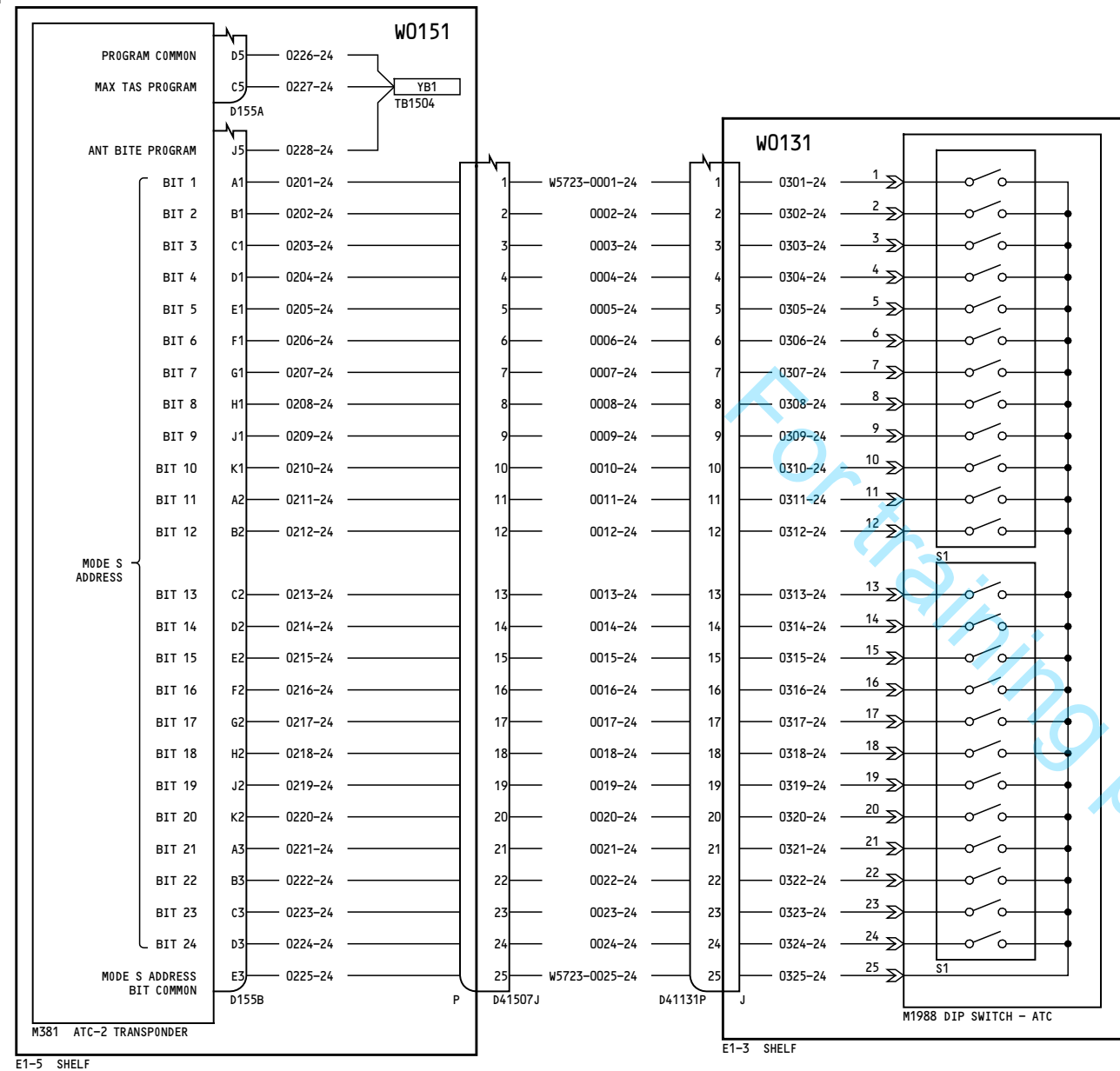
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NOTES:

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

YN501

## ATC TRANSPONDER 2

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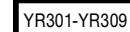
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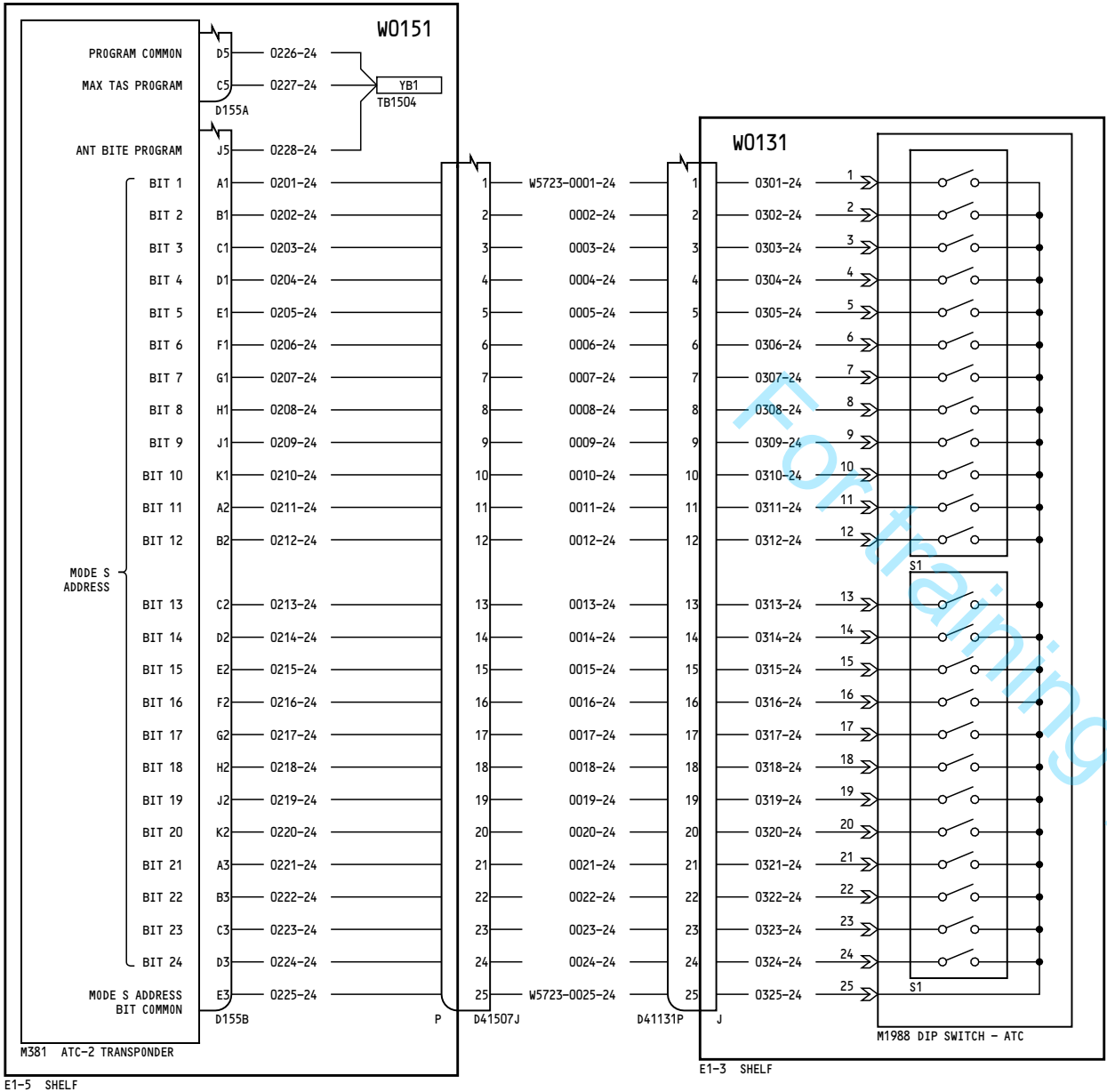
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**NOTES:**

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

YR301-YR309	<b>ATC TRANSPONDER 2</b>  D280A108
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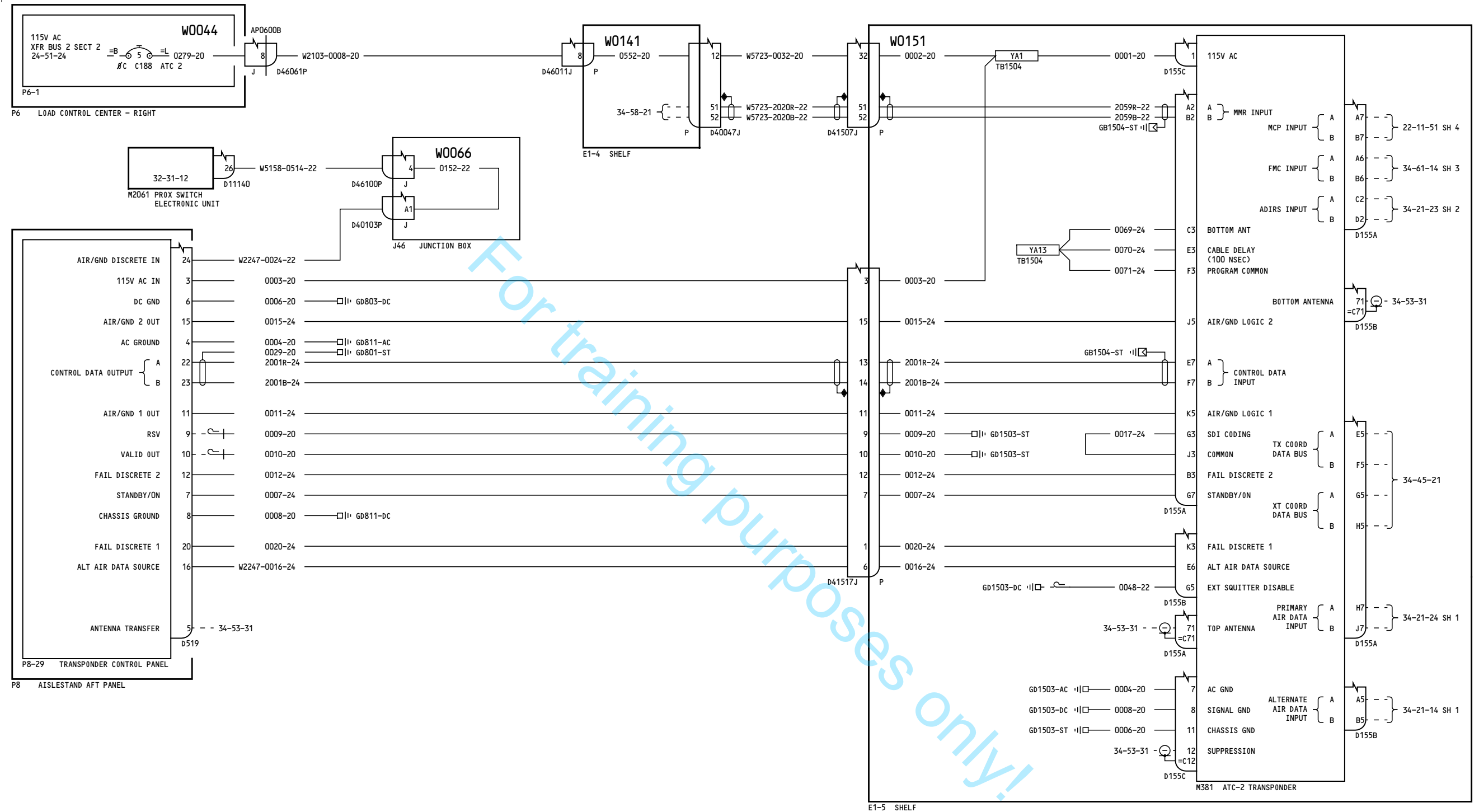
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ADDRESS BIT			M1988																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
AIRPLANE	CODE		S1												S1											
	REGISTRY	OCTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
YR301	D-ABKQ	1704 4561	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1
YR302	B-5586	3600 3513	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	1
YR303	D-ABKT	1704 4564	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	0
YR304	D-ABKS	1704 4563	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	1	1
YR305	D-ABKU	1704 4565	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	1
YR306	D-ABKV	1704 4566	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	0
YR307	D-ABKW	1704 4567	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1
YR308	D-ABKX	1704 4570	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0
YR309	D-ABKY	1704 4571	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	1
YR311	D-ABMA	1704 4641	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	0	1
YR312	D-ABMC	1704 4643	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	1
YR313	D-ABMB	1704 4642	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	0
YR314	D-ABMD	1704 4644	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	0
YR315	D-ABME	1704 4645	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	1
YR316	D-ABMF	1704 4646	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	0
YR317	D-ABMG	1704 4647	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	1
YR318	D-ABMH	1704 4650	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	0
YR319	D-ABMI	1704 4651	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	1
YR320	D-ABMJ	1704 4652	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	0
YR321	D-ABMK	1704 4653	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	1
YR322	D-ABML	1704 4654	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	1	0	0

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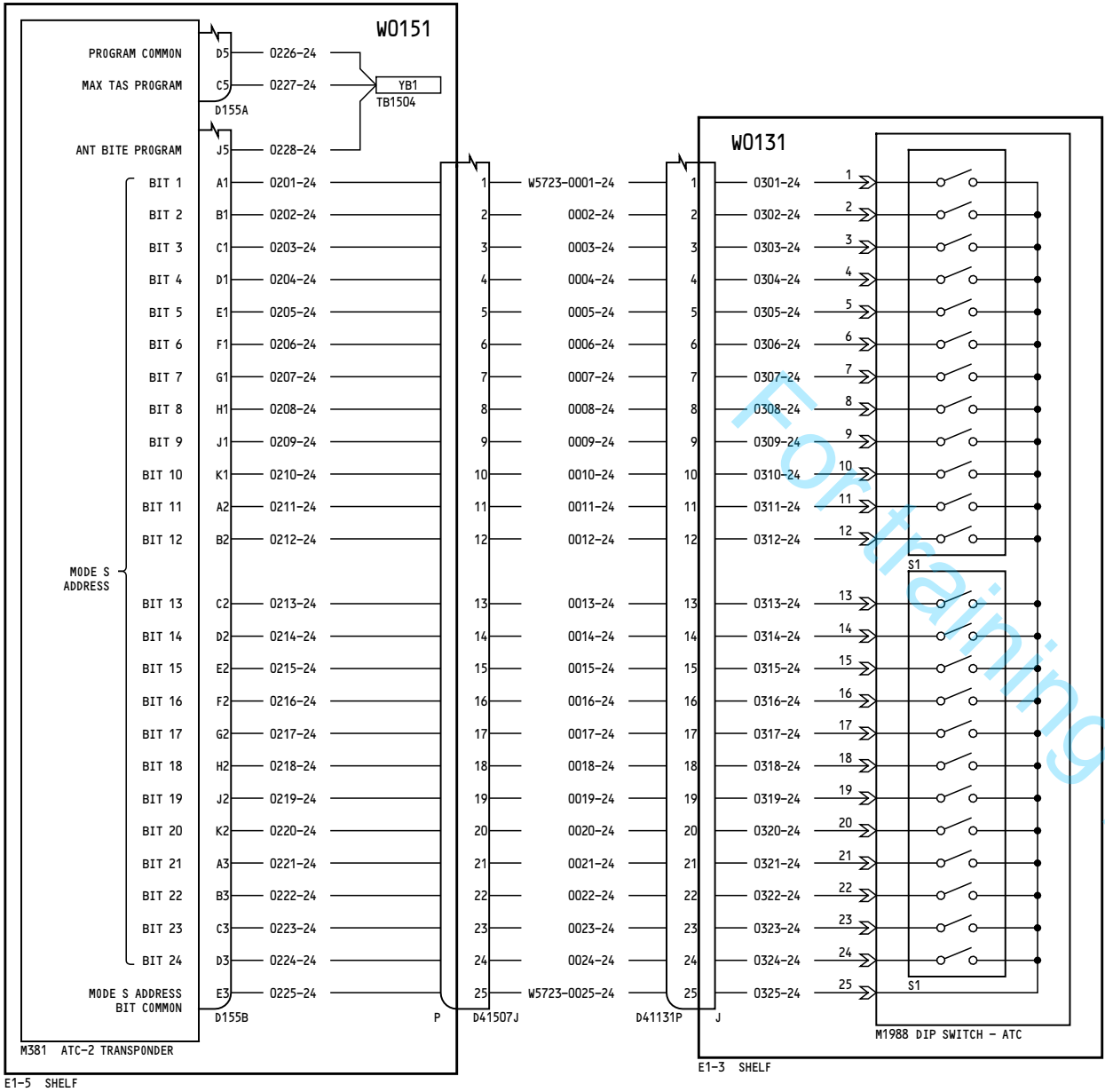
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**NOTES:**

1	SEE CHART FOR SWITCH POSITION LOGIC "1" SWITCH IS ON (CLOSED) LOGIC "0" SWITCH IS OFF (OPEN)
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YR312-YR328

## ATC TRANSPONDER 2

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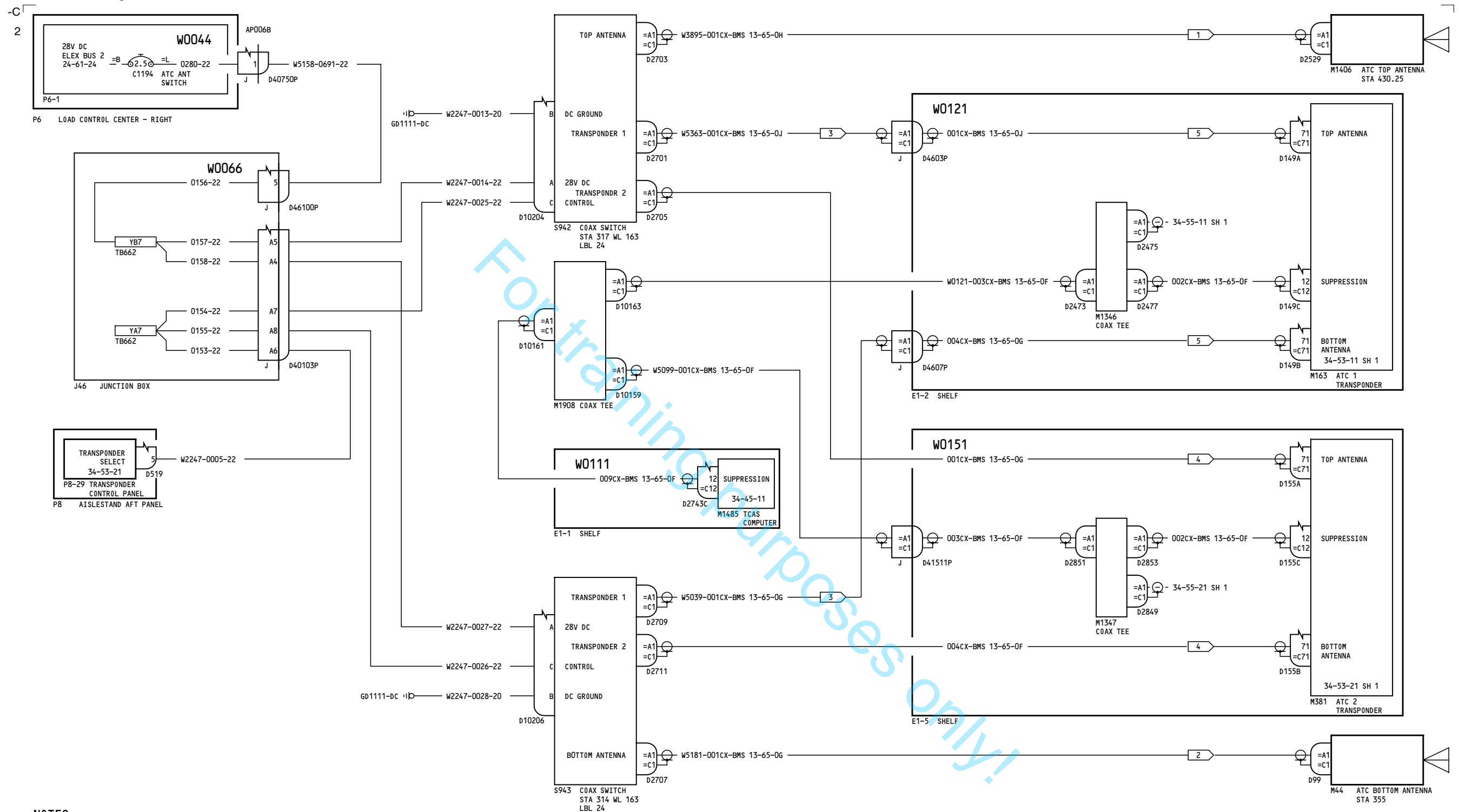
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AIRPLANE	CODE		S1												S1											
	REGISTRY	OCTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
YR301	D-ABKQ	1704 4561	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	0	0	1
YR302	B-5586	3600 3513	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	1
YR303	D-ABKT	1704 4564	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	0
YR304	D-ABKS	1704 4563	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	1	1
YR305	D-ABKU	1704 4565	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	0	1
YR306	D-ABKV	1704 4566	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	0
YR307	D-ABKW	1704 4567	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1
YR308	D-ABKX	1704 4570	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0
YR309	D-ABKY	1704 4571	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	0	1
YR311	D-ABMA	1704 4641	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	0	1
YR312	D-ABMC	1704 4643	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	1
YR313	D-ABMB	1704 4642	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	0
YR314	D-ABMD	1704 4644	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	0
YR315	D-ABME	1704 4645	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	0	1
YR316	D-ABMF	1704 4646	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	0
YR317	D-ABMG	1704 4647	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	1	1	1
YR318	D-ABMH	1704 4650	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	0
YR319	D-ABMI	1704 4651	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	1
YR320	D-ABMJ	1704 4652	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	0
YR321	D-ABMK	1704 4653	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	1
YR322	D-ABML	1704 4654	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	1	0	0

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## NOTES:

- 1 MAXIMUM LENGTH 30 FEET.
- 3 MAX. LENGTH 7 FEET AND 9 INCHES.
- 5 MAX LENGTH 3 FEET AND 8 INCHES.
- 2 MAX LENGTH 6 FEET AND 6 INCHES
- 4 MAX. LENGTH 5 FEET.

ALL	ATC ANTENNA SELECT
	D280A108

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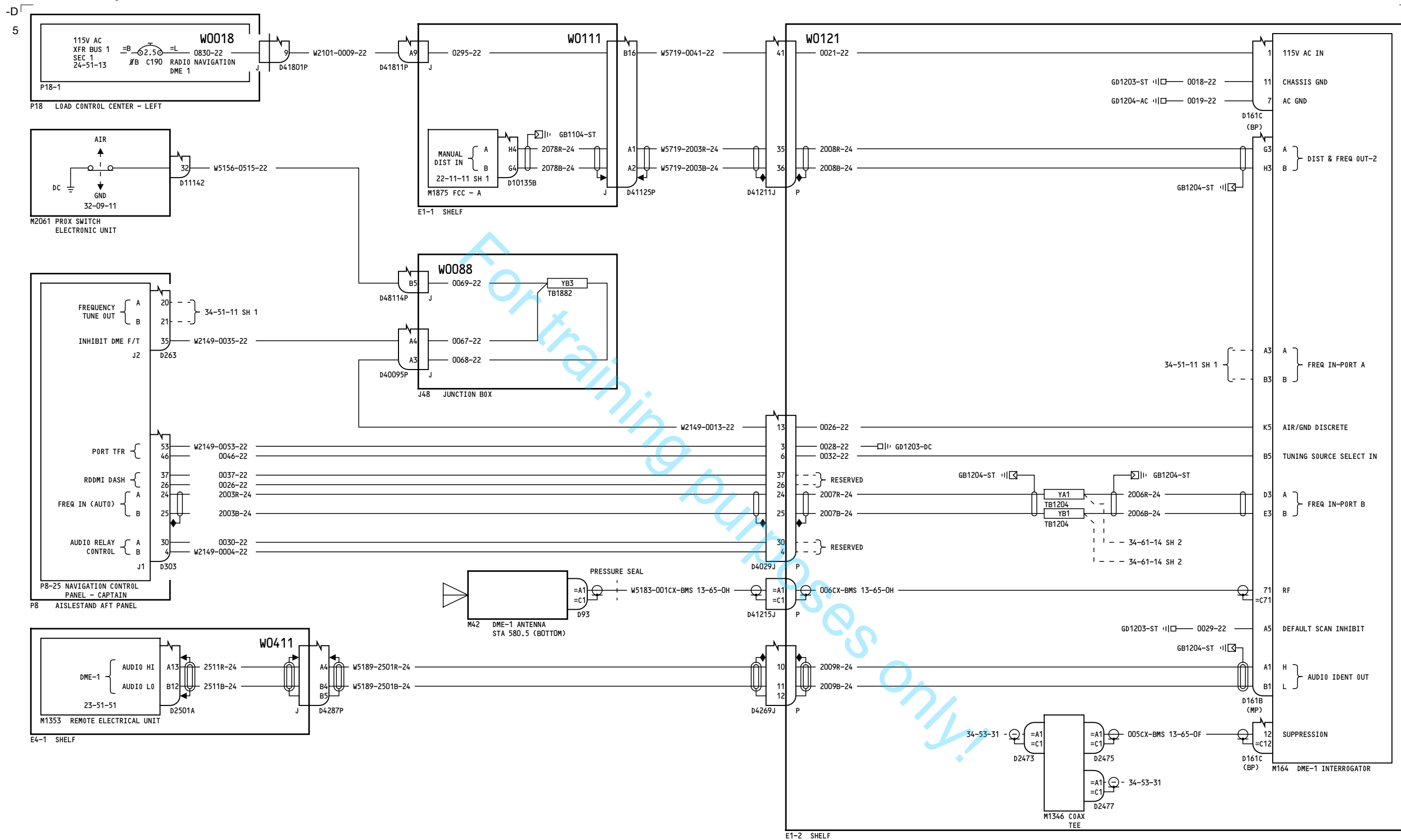
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YC051-YC052

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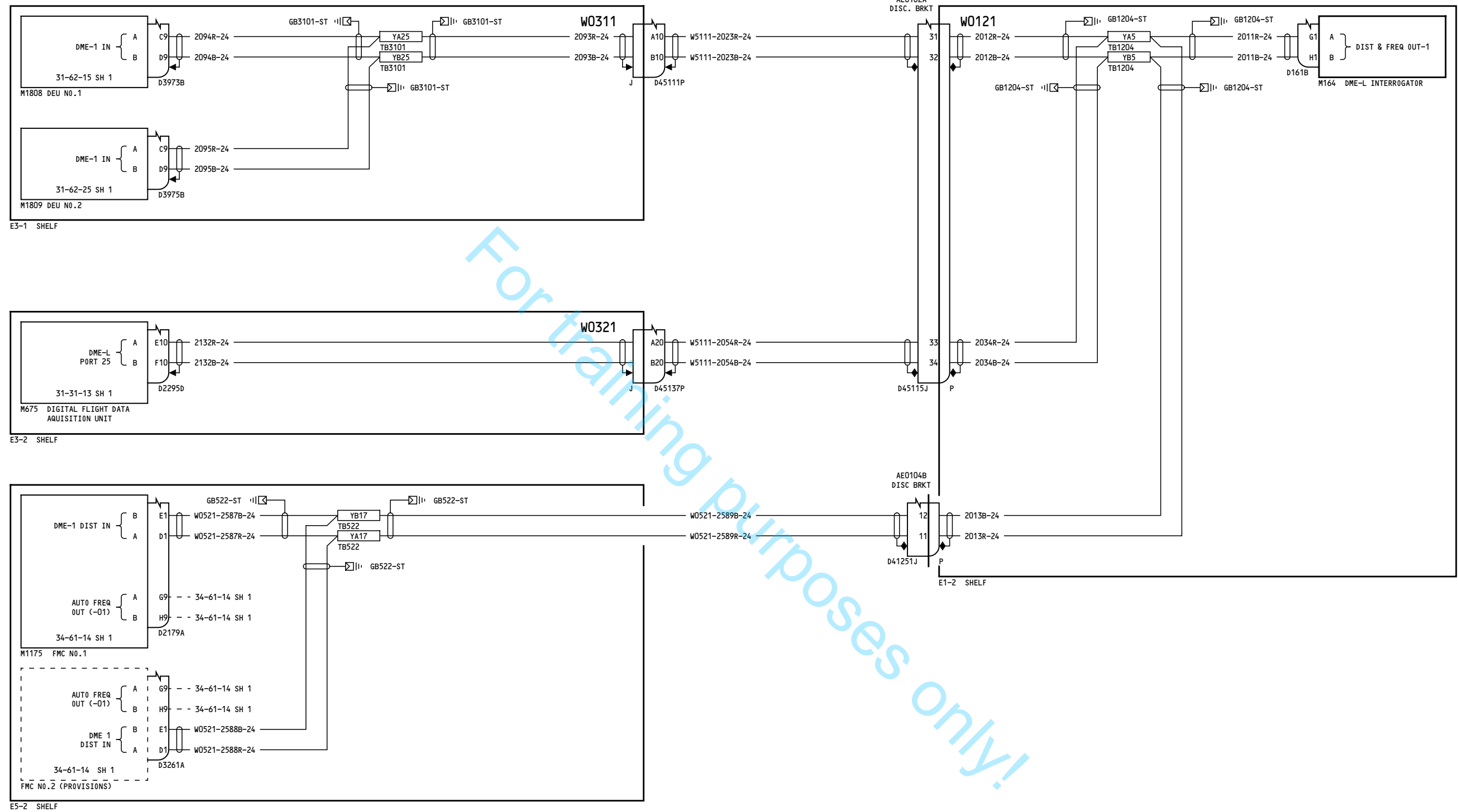
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YC051-YC052

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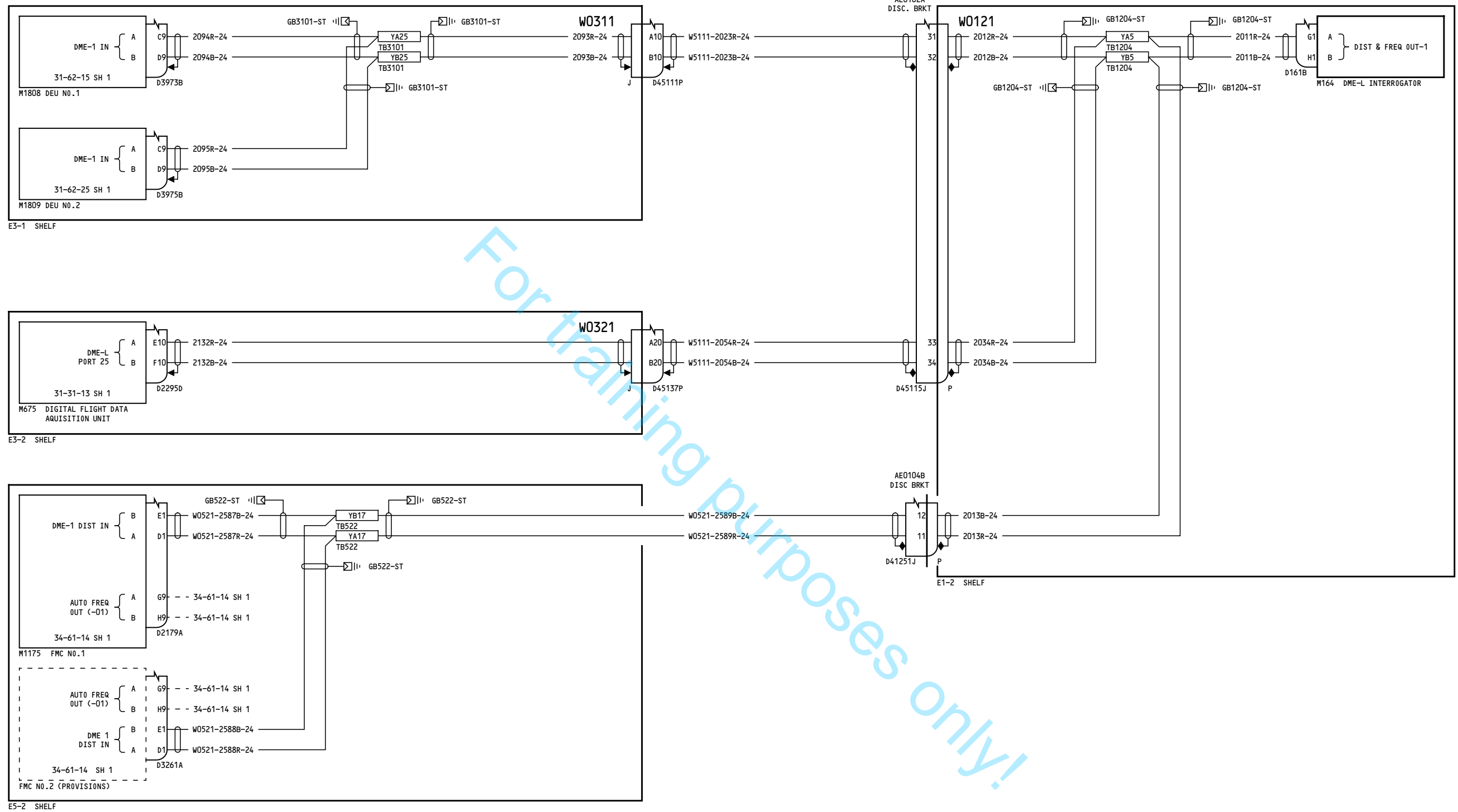
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YC053-YD157

DME NO. 1

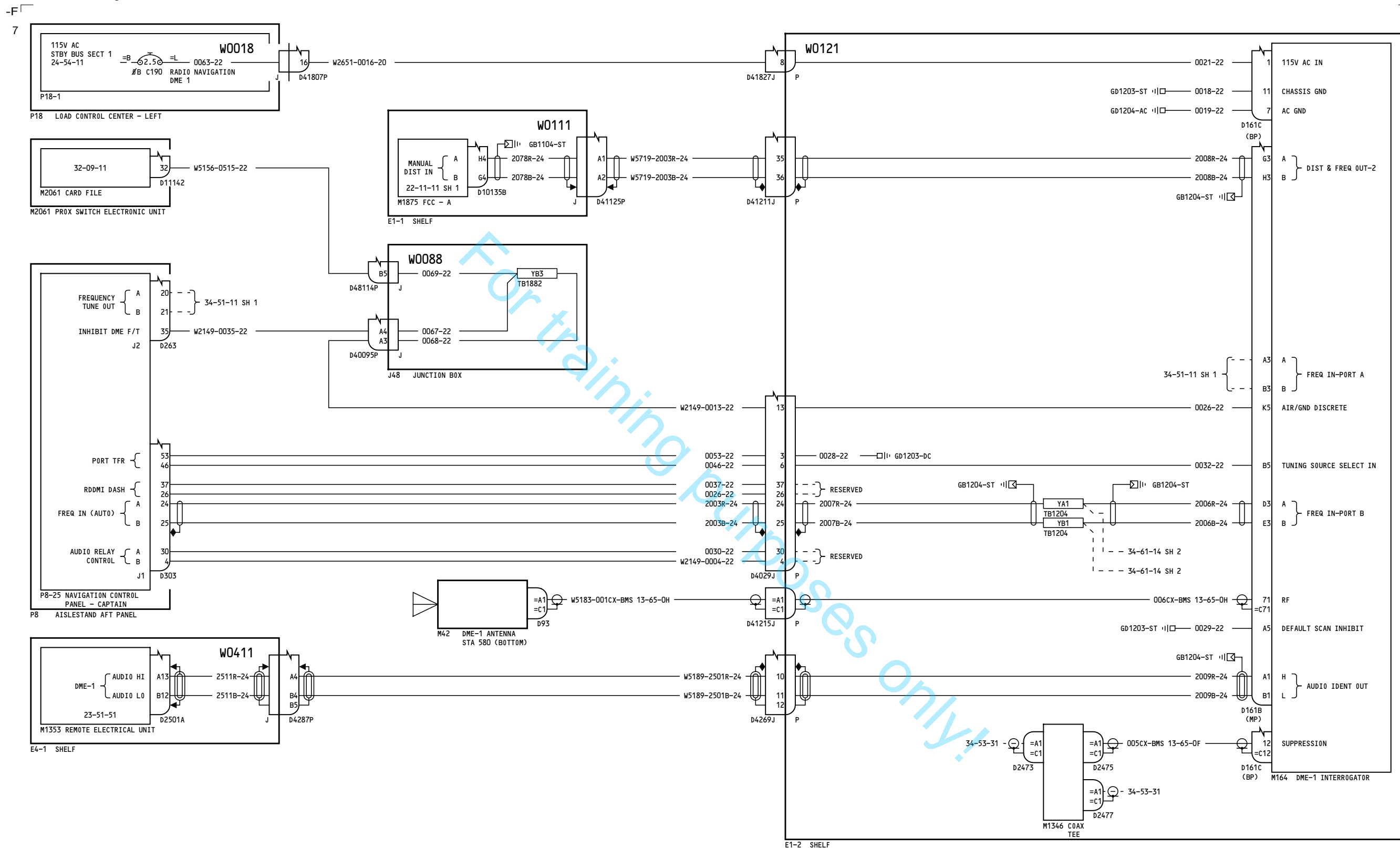
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YD158-YD170

DME NO. 1

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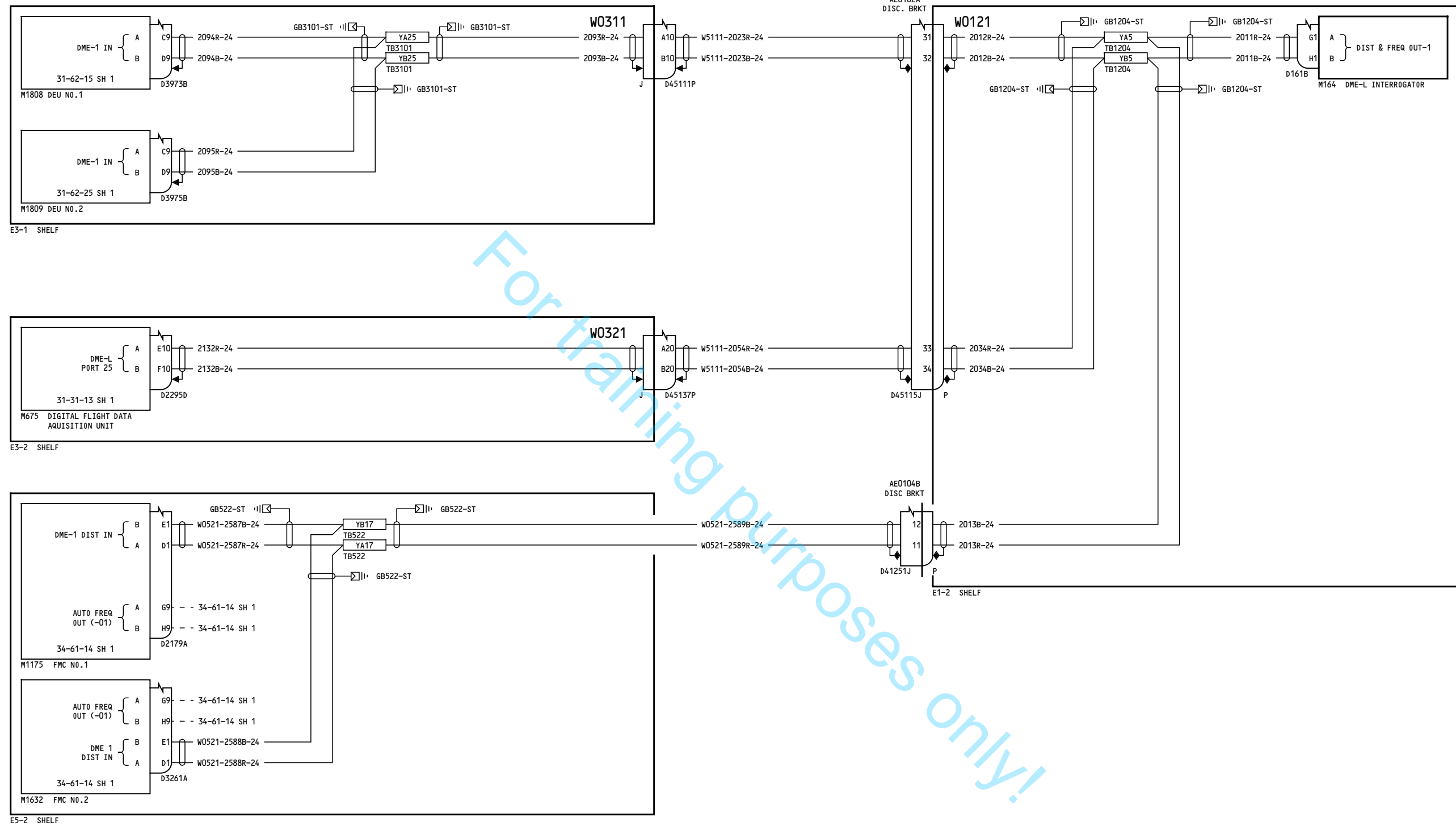
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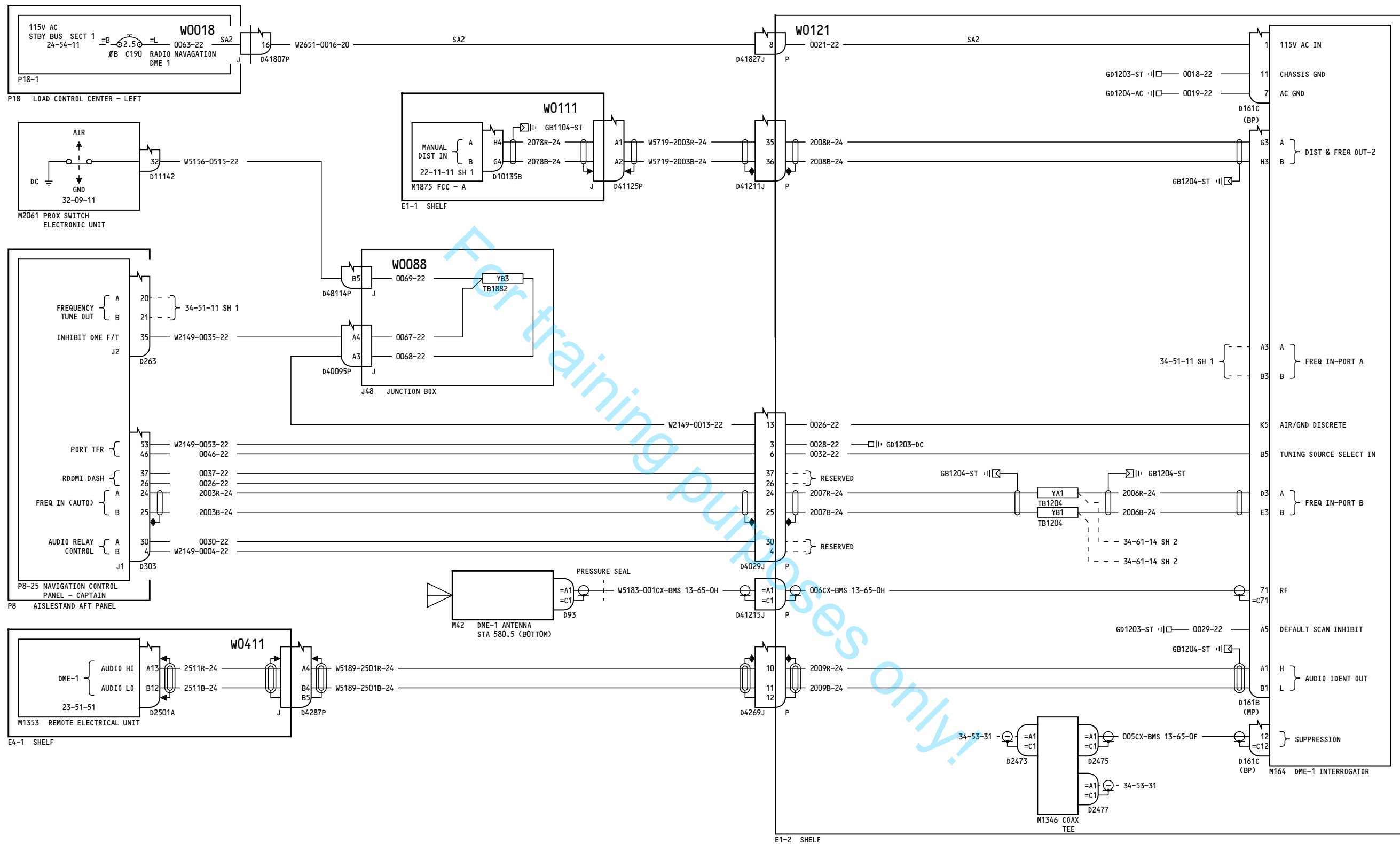
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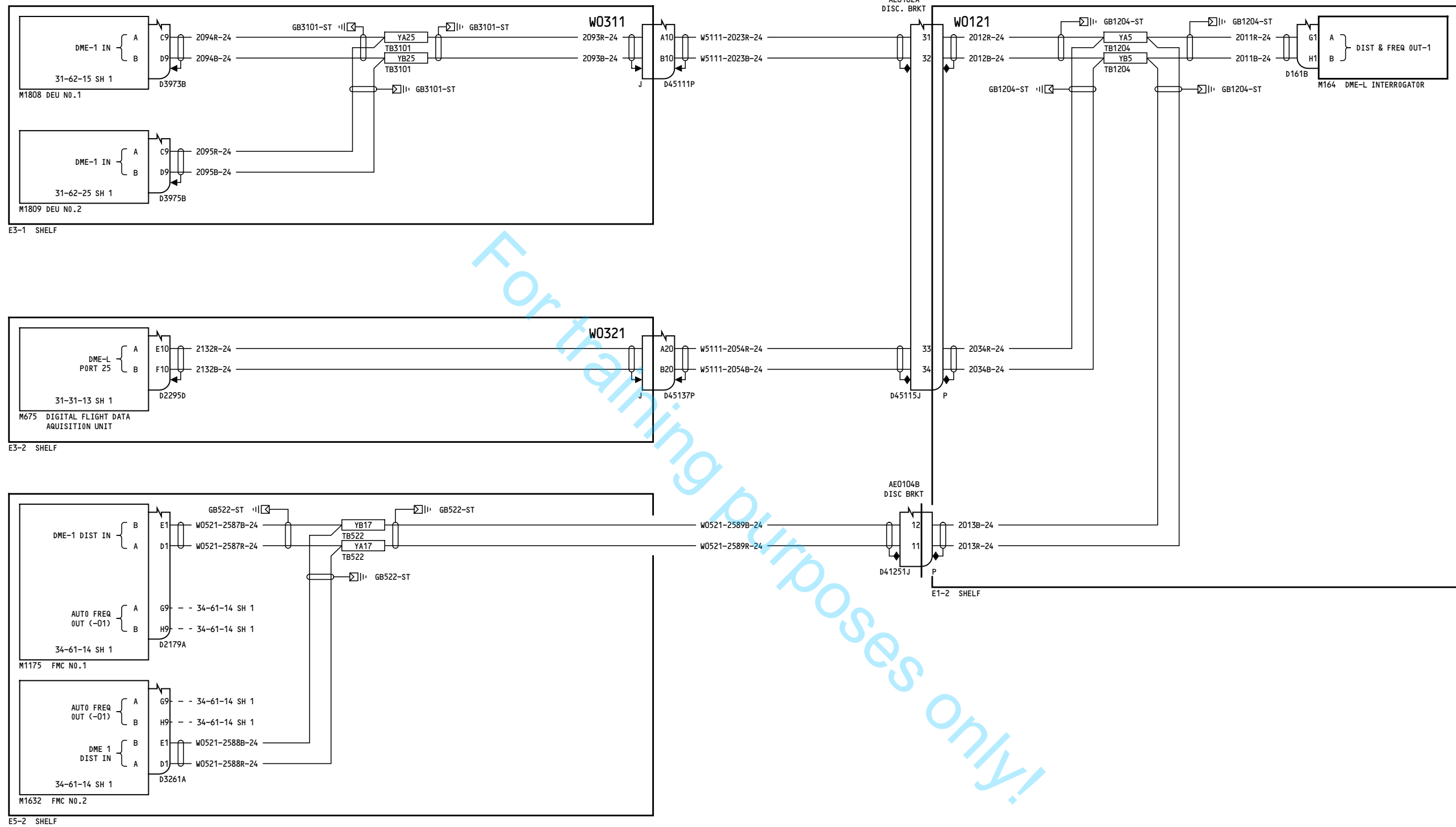
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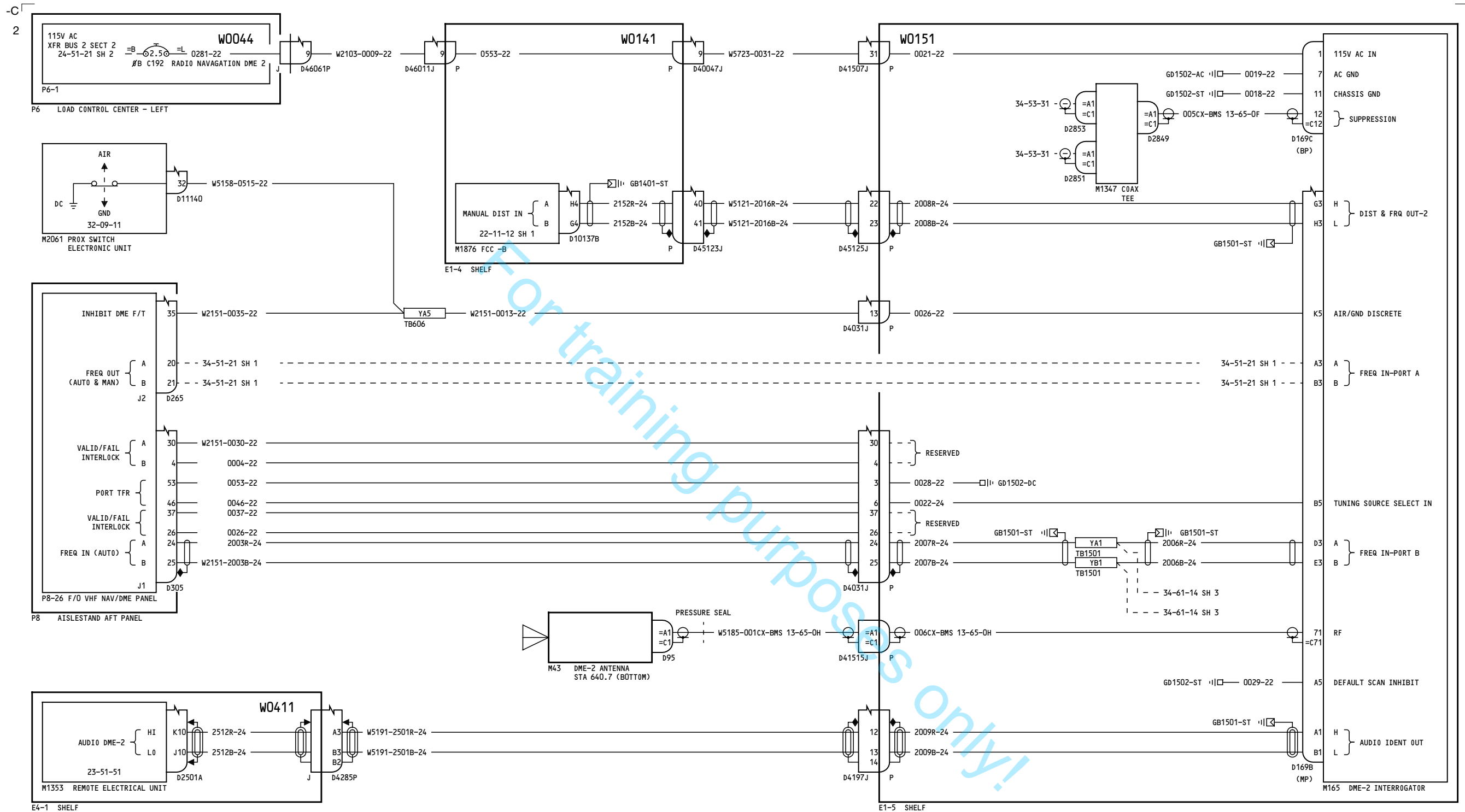
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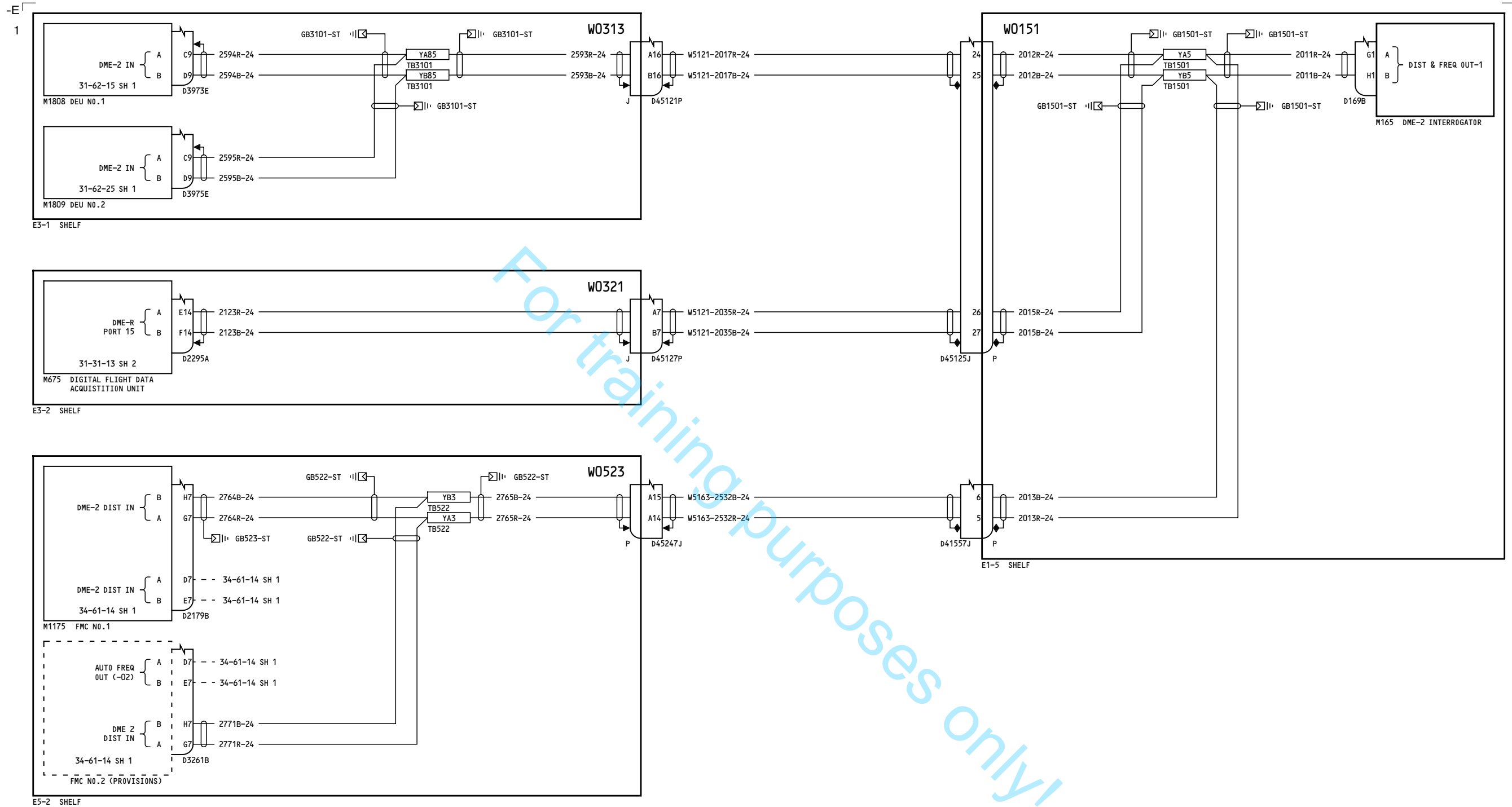
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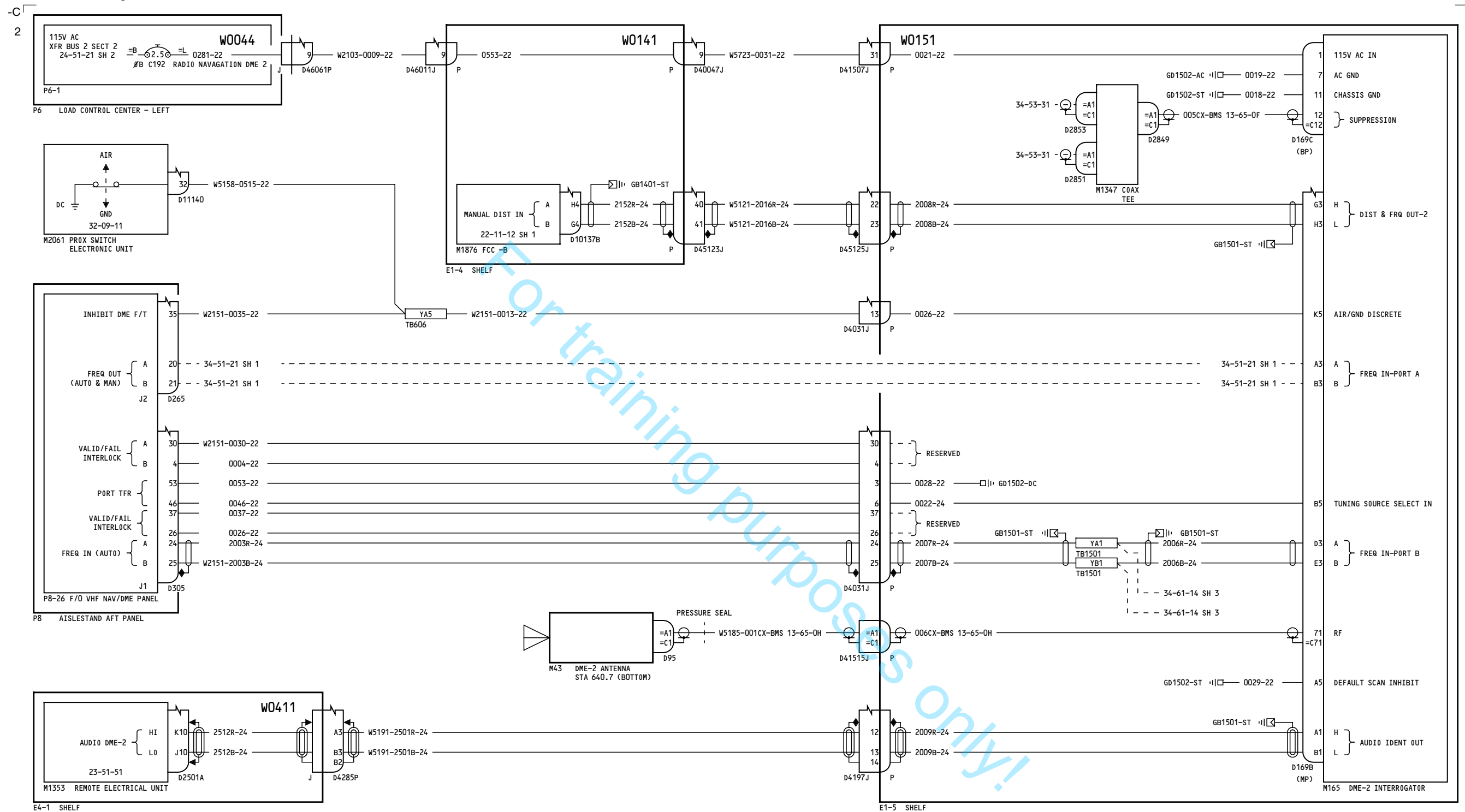
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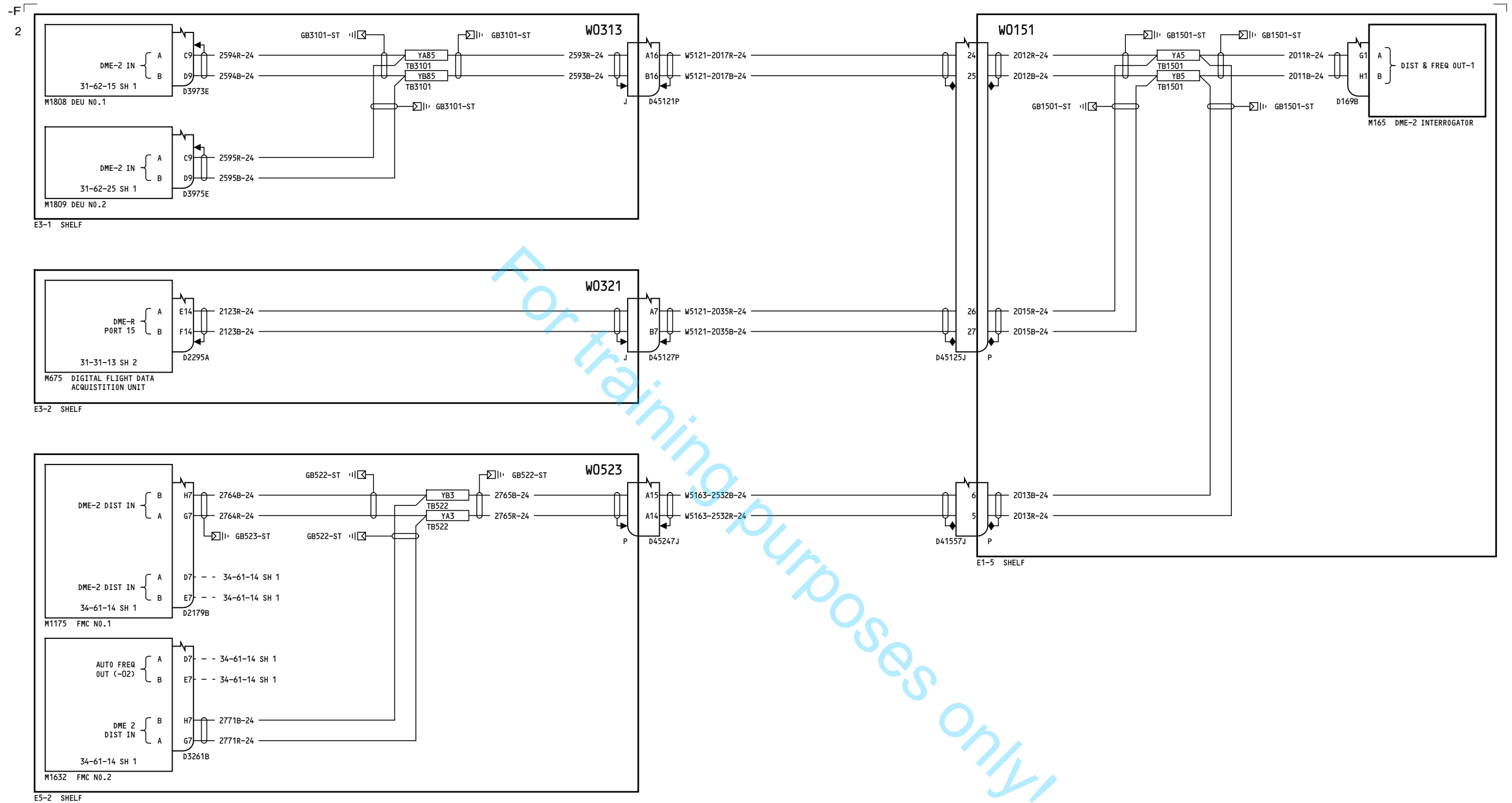
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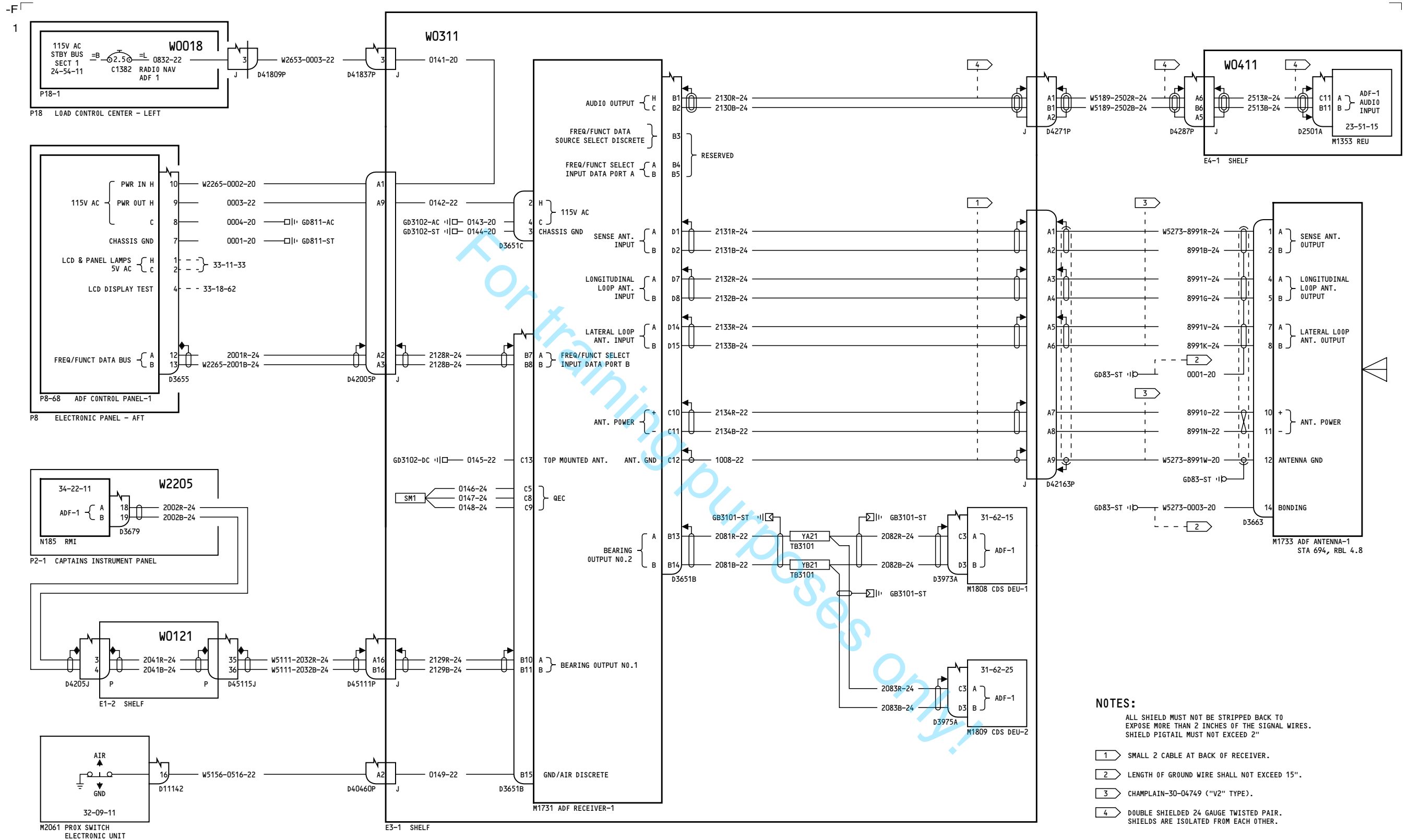
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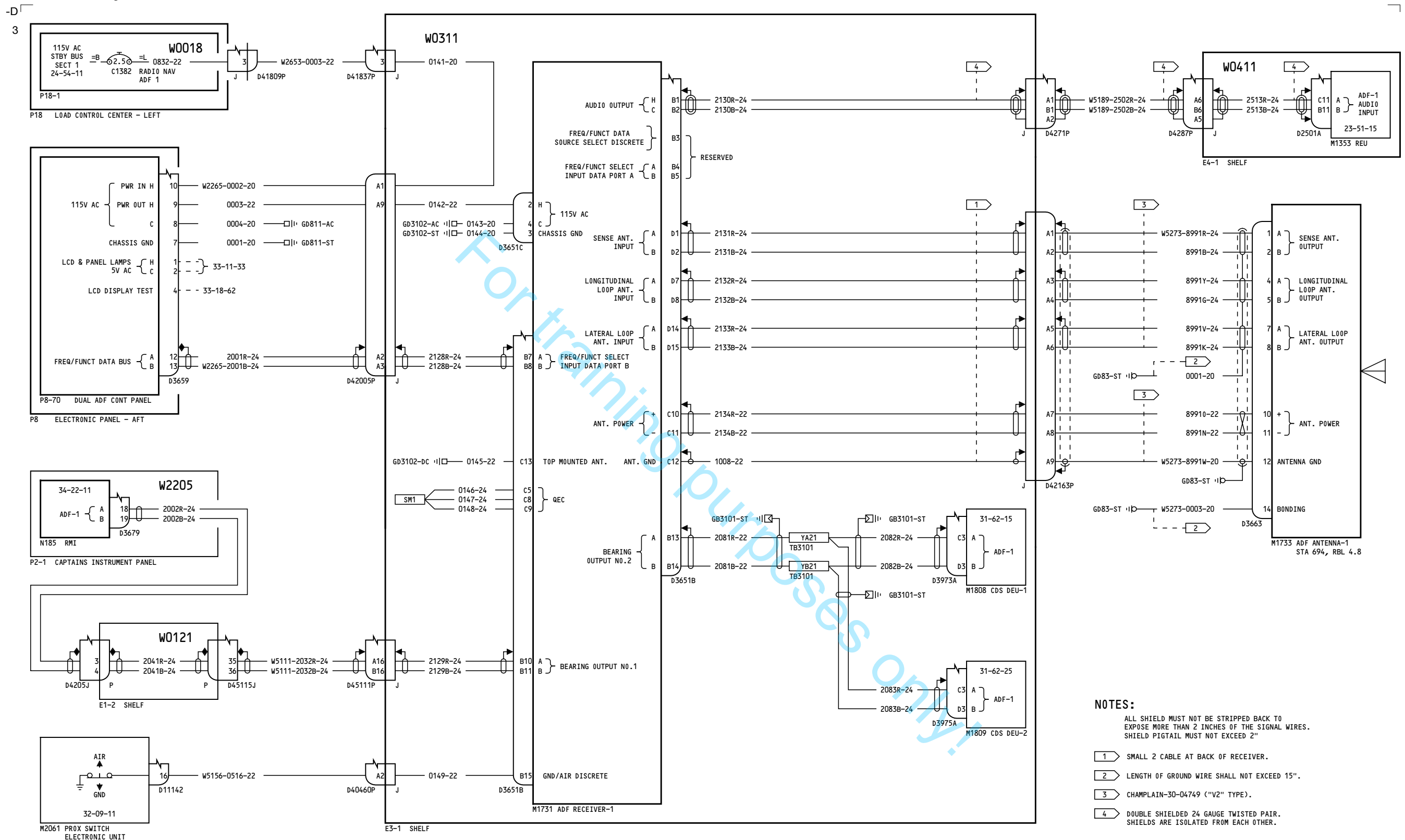
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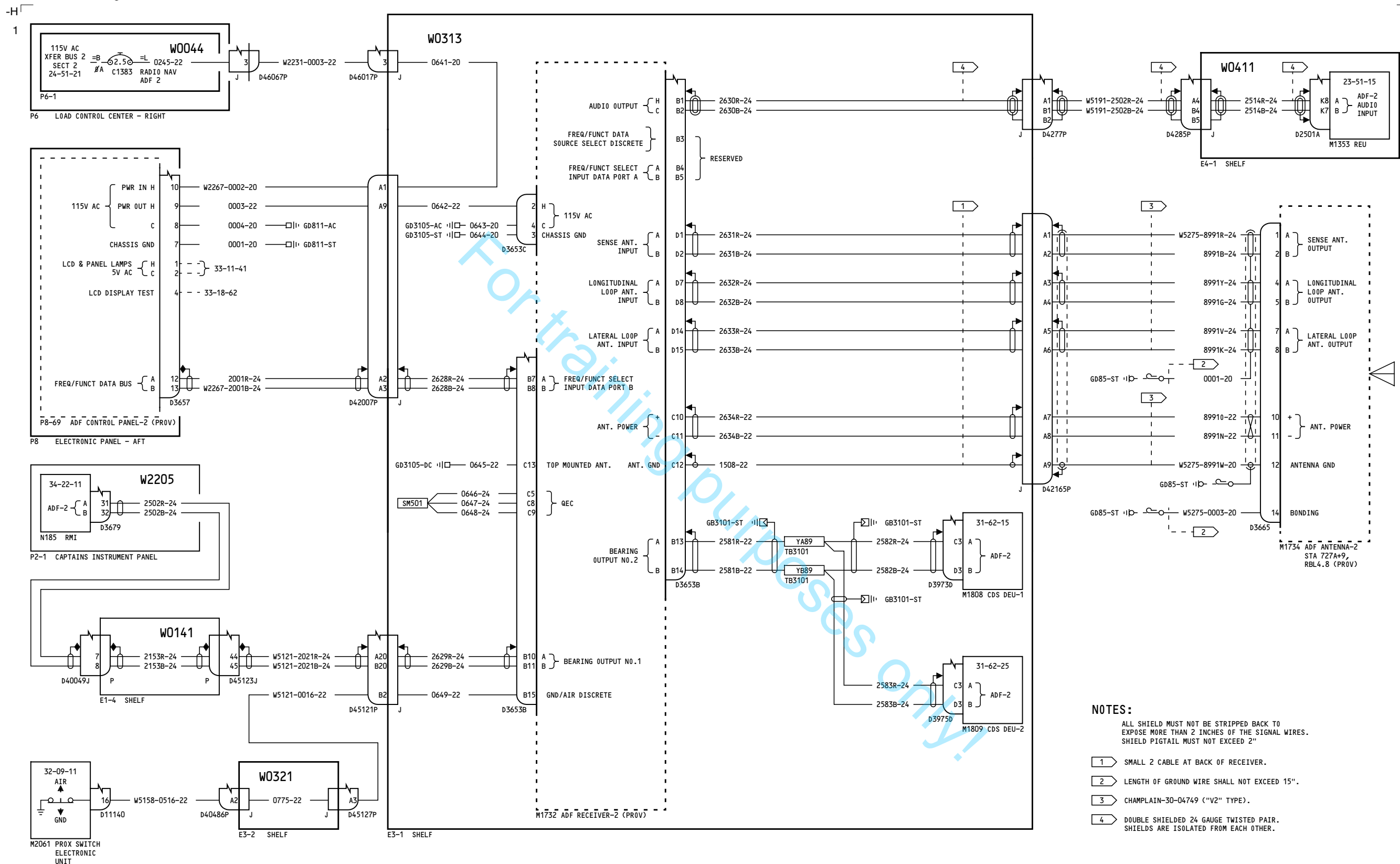
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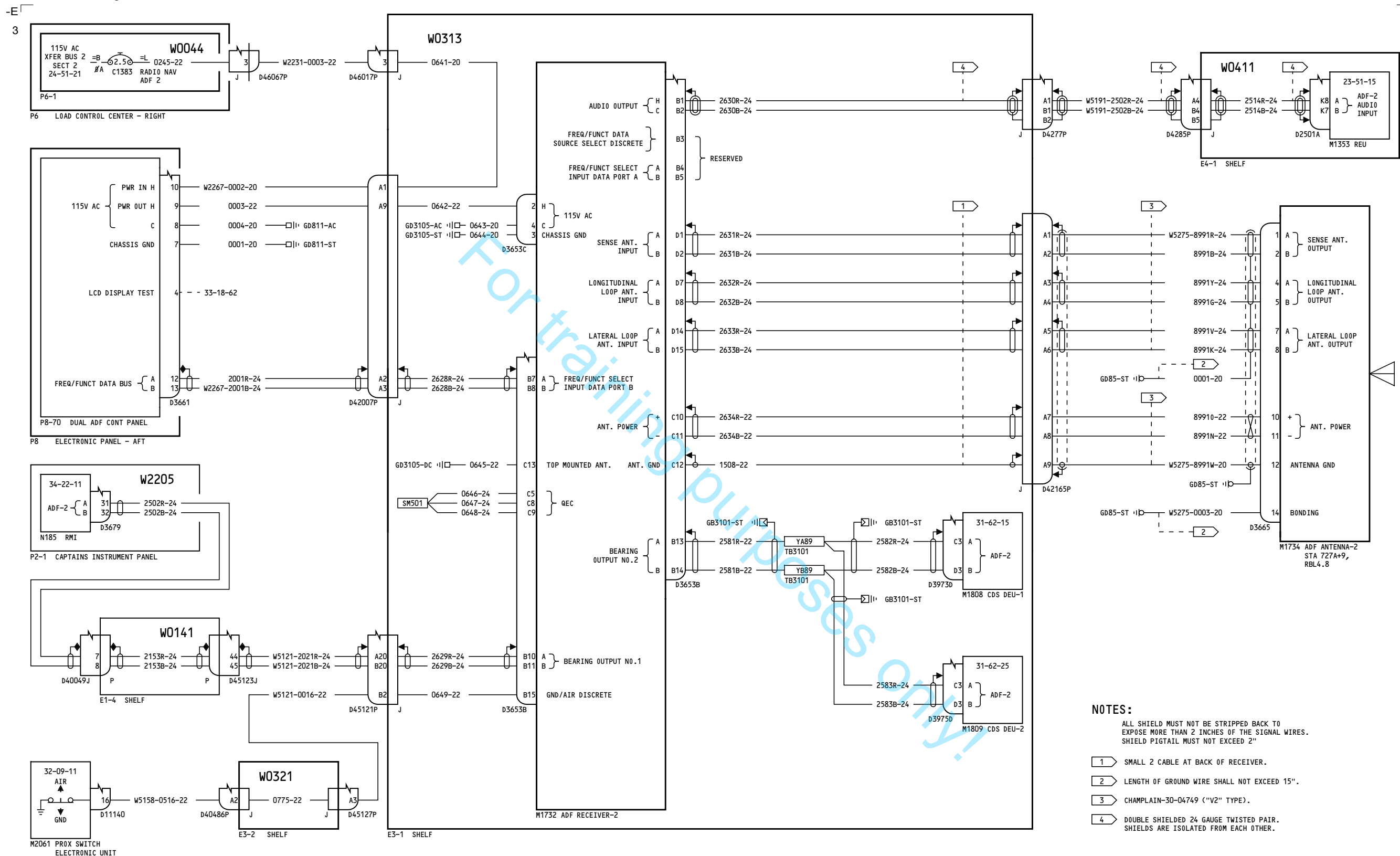
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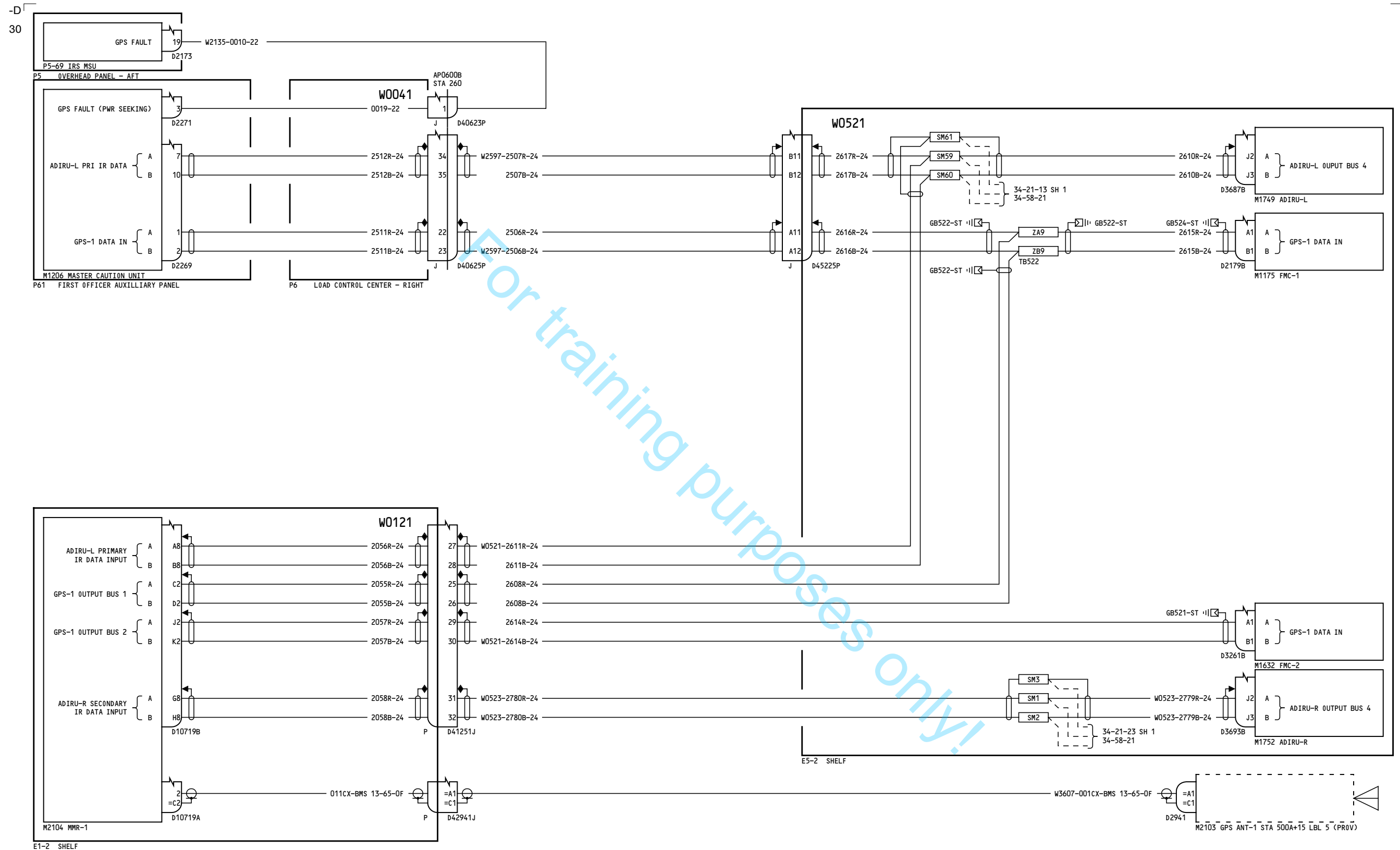
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YC051-YC052

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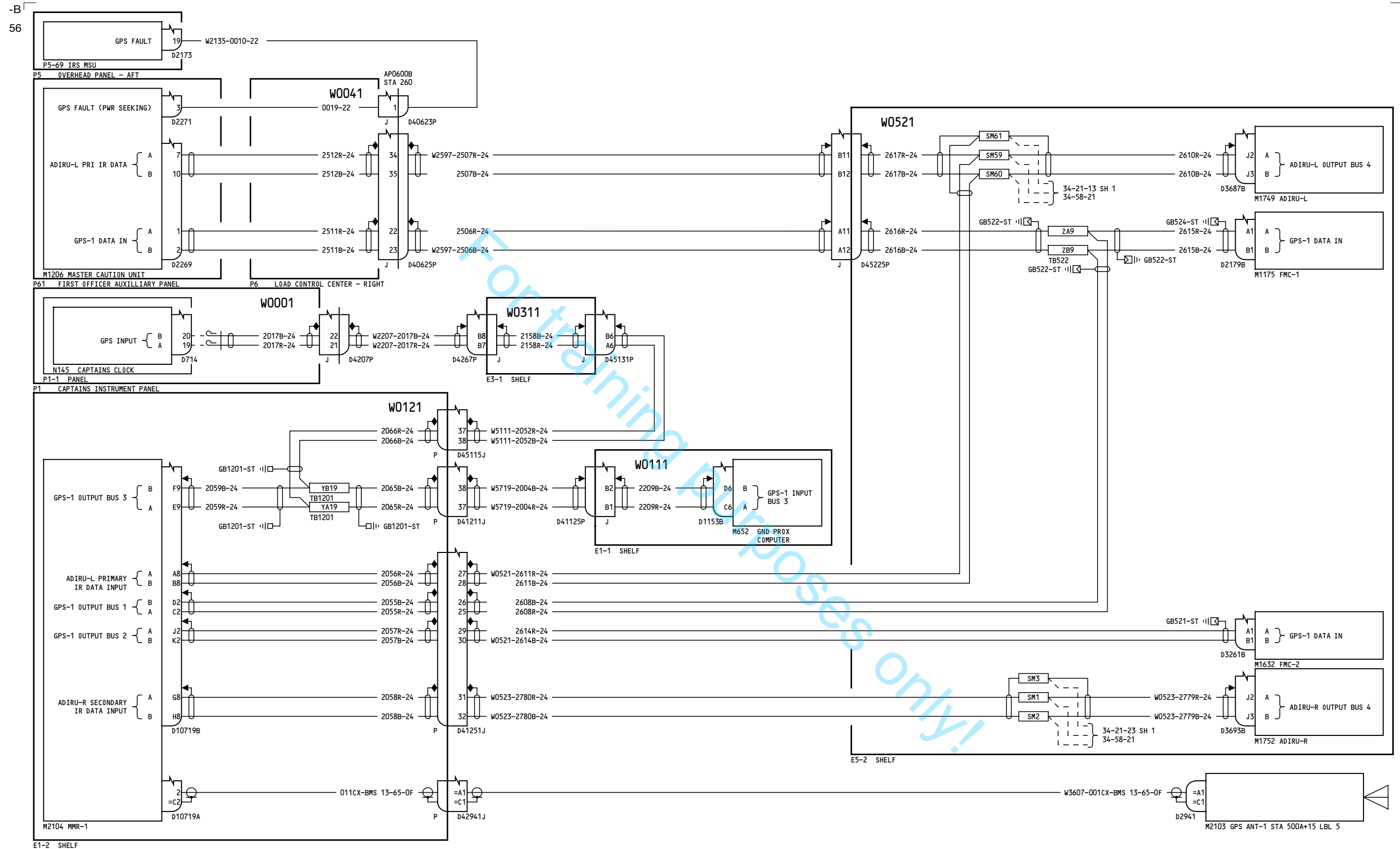
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## GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.1

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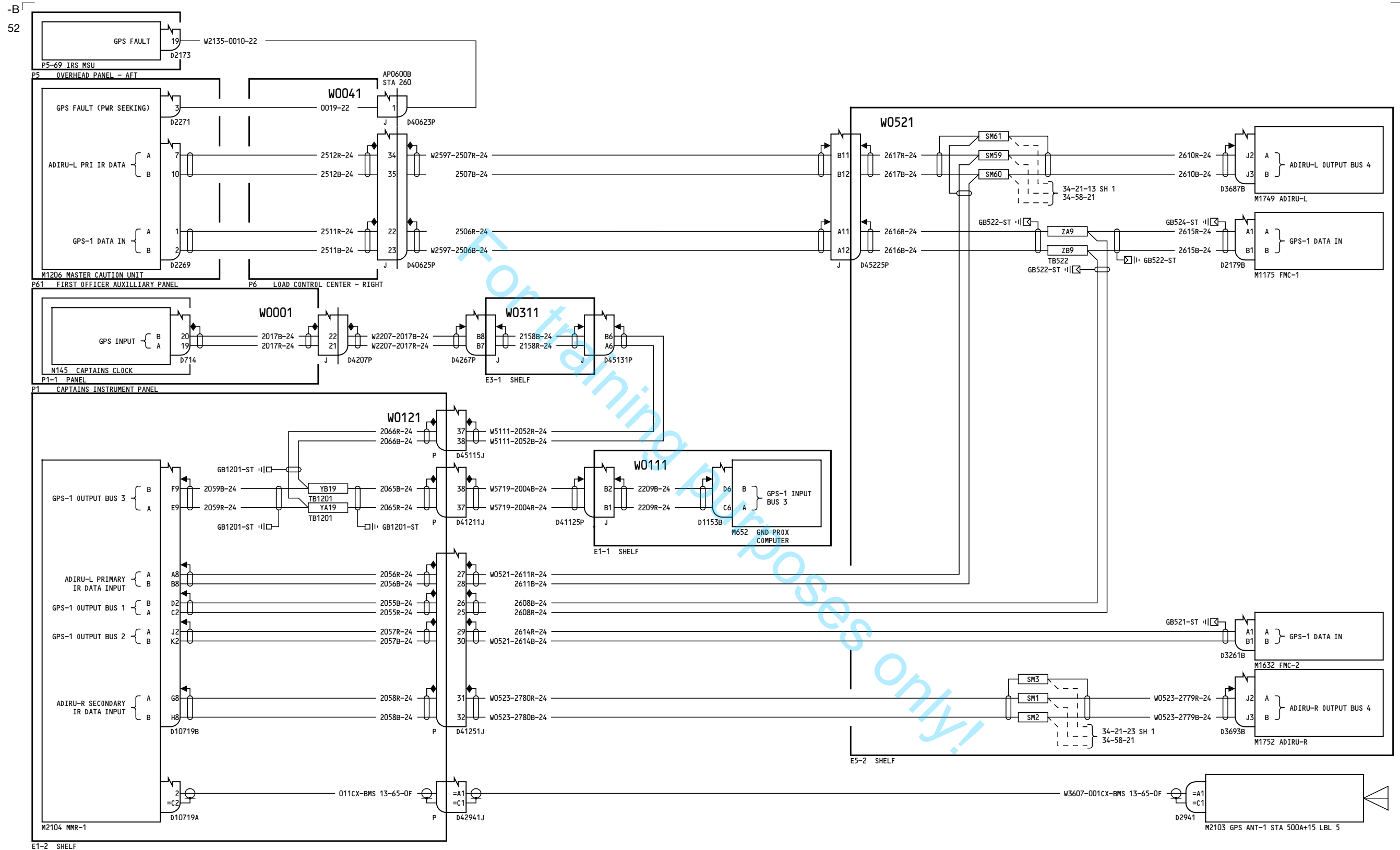
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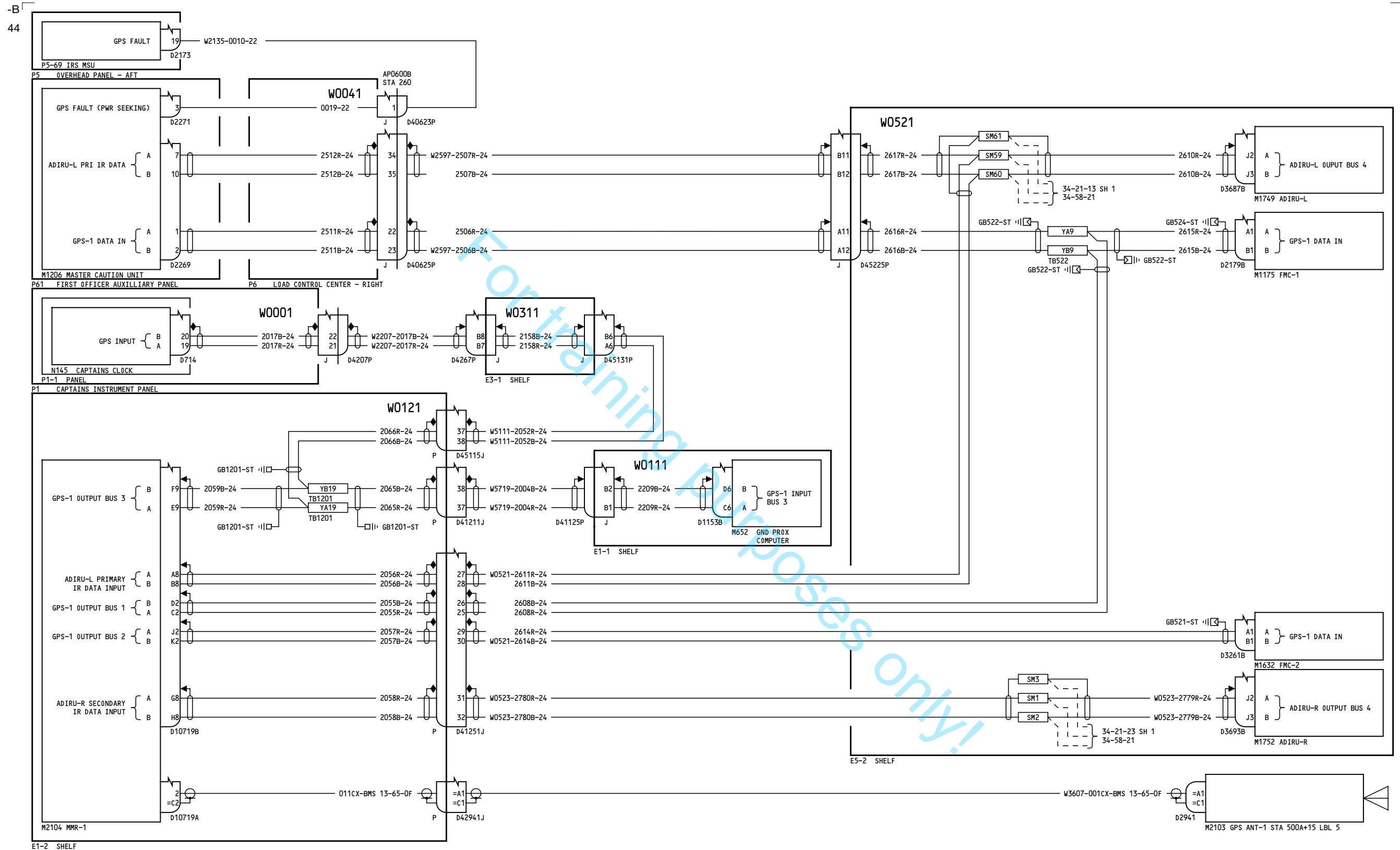
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GLOBAL POSITIONING SYSTEM  
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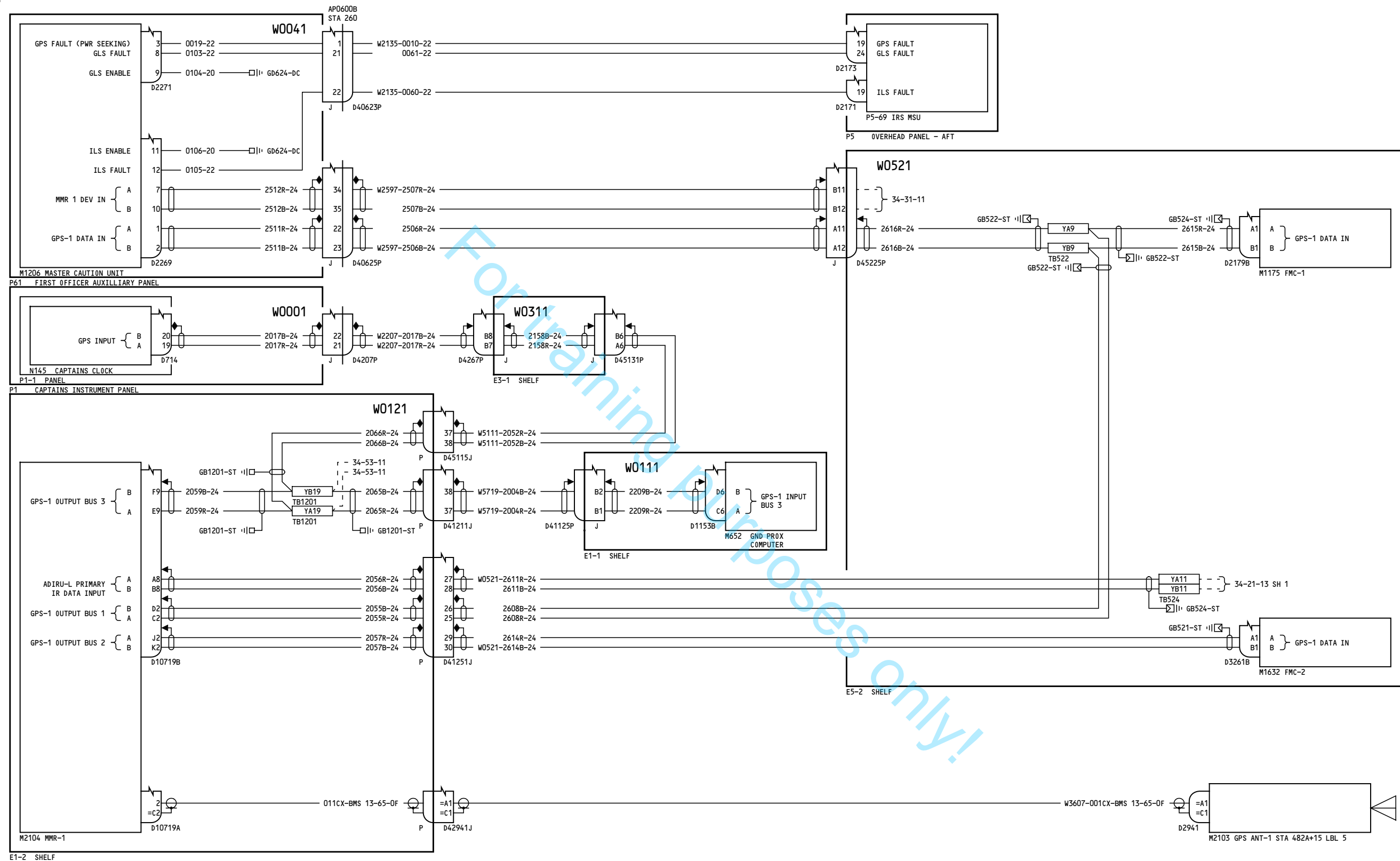
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GLOBAL POSITIONING SYSTEM  
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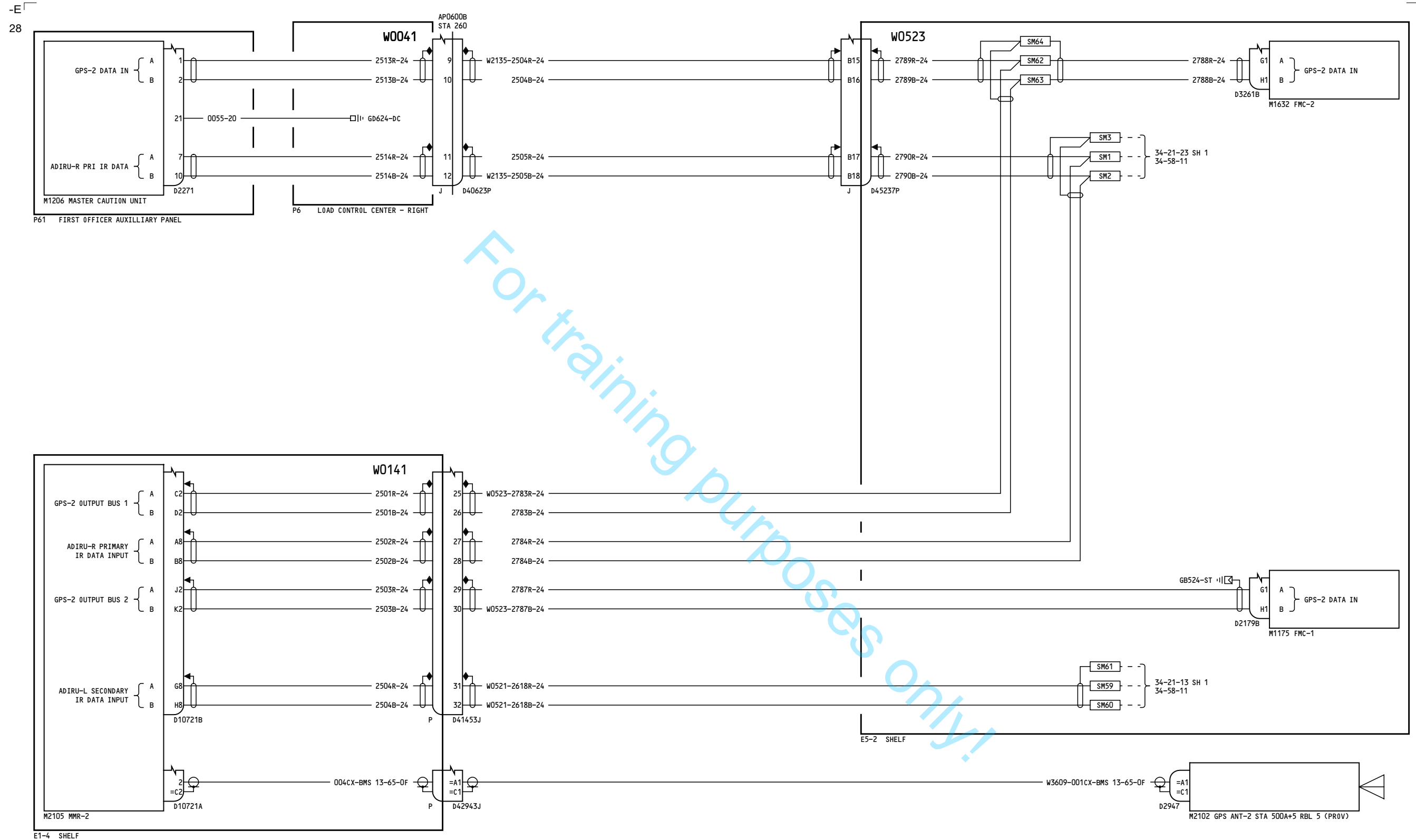
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GLOBAL POSITIONING SYSTEM  
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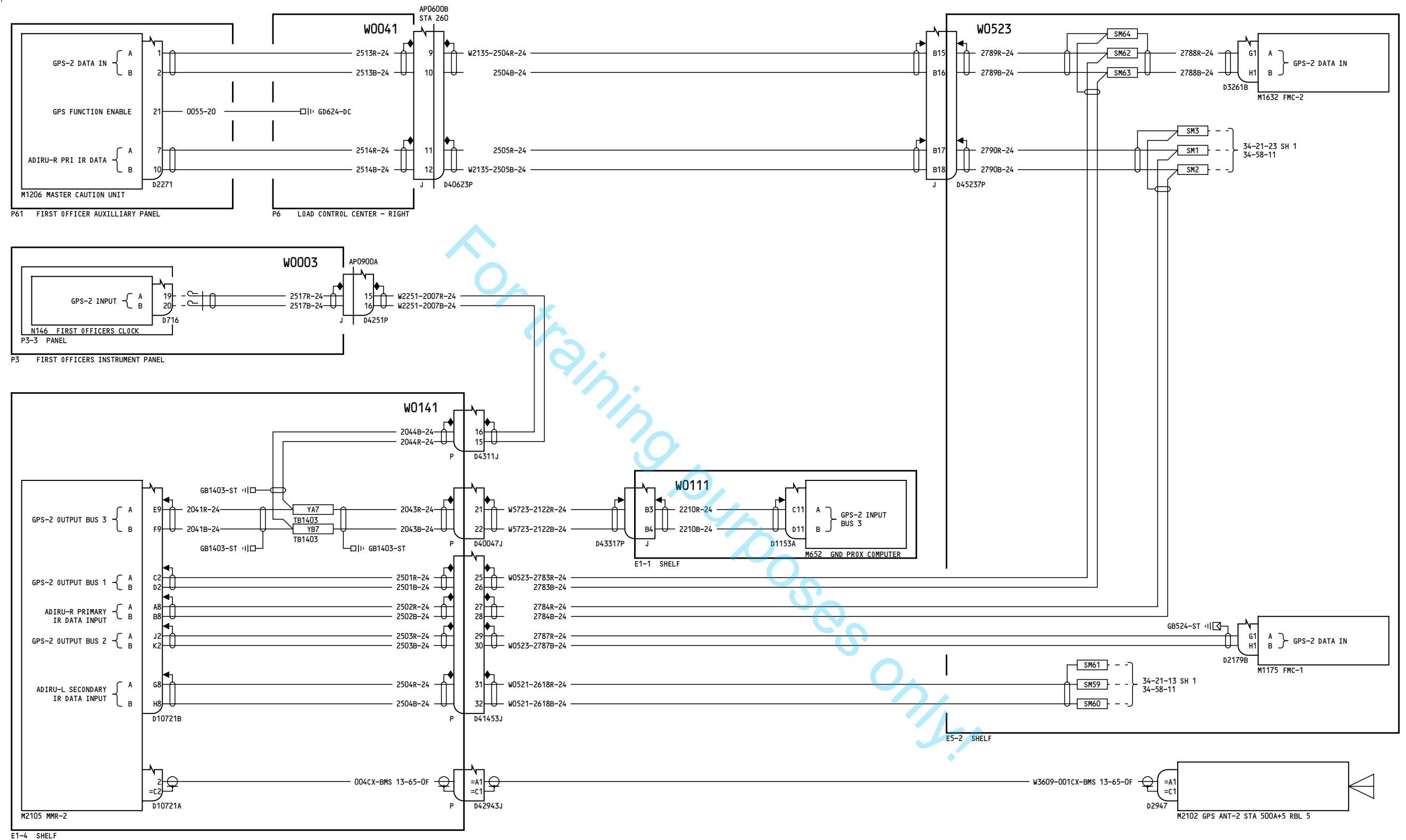
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GLOBAL POSITIONING SYSTEM  
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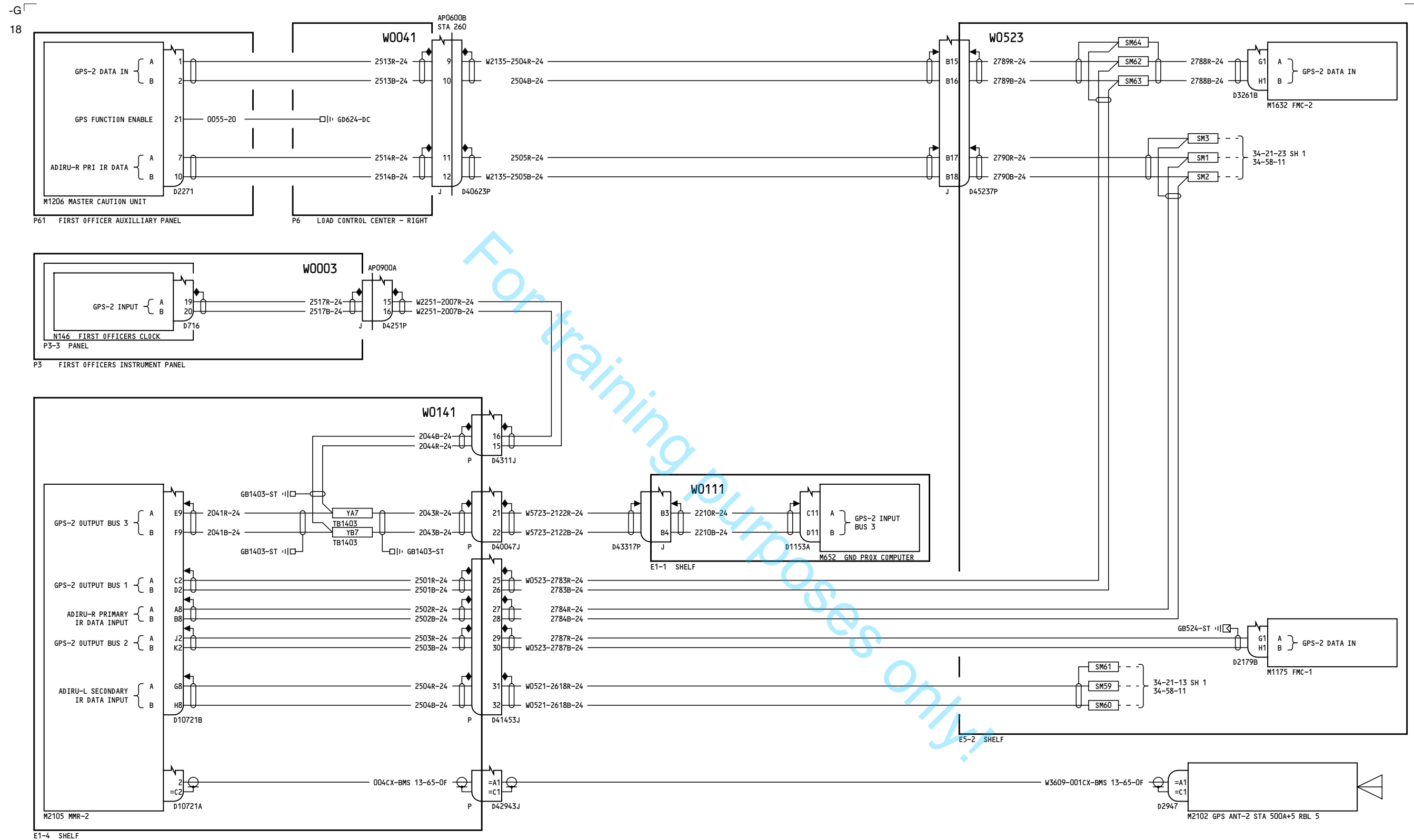
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## GLOBAL POSITIONING SYSTEM SENSOR UNIT NO.2

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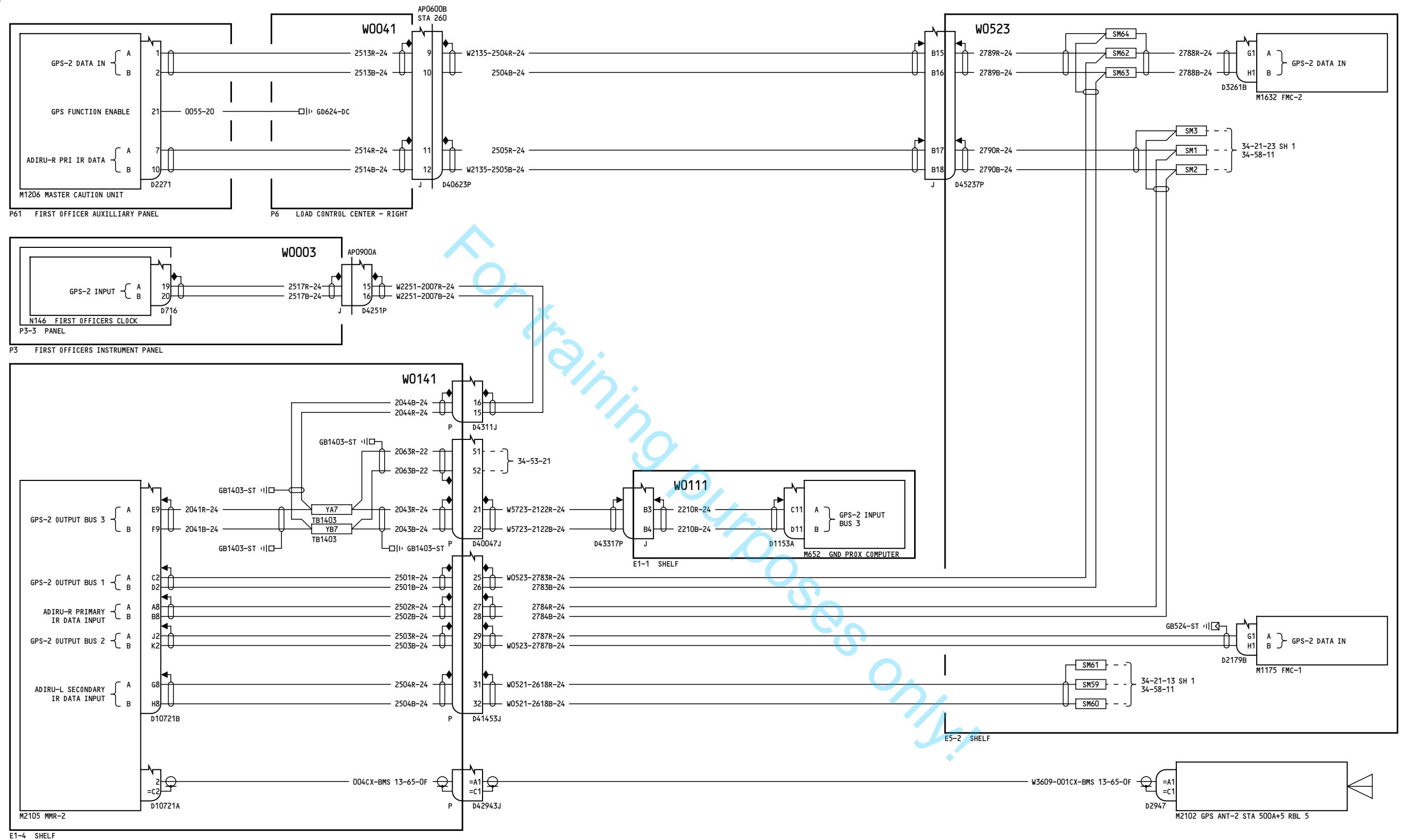
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GLOBAL POSITIONING SYSTEM  
SENSOR UNIT NO.2

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The diagram illustrates the GPS-2 system architecture and its connections. Key components and their connections are as follows:

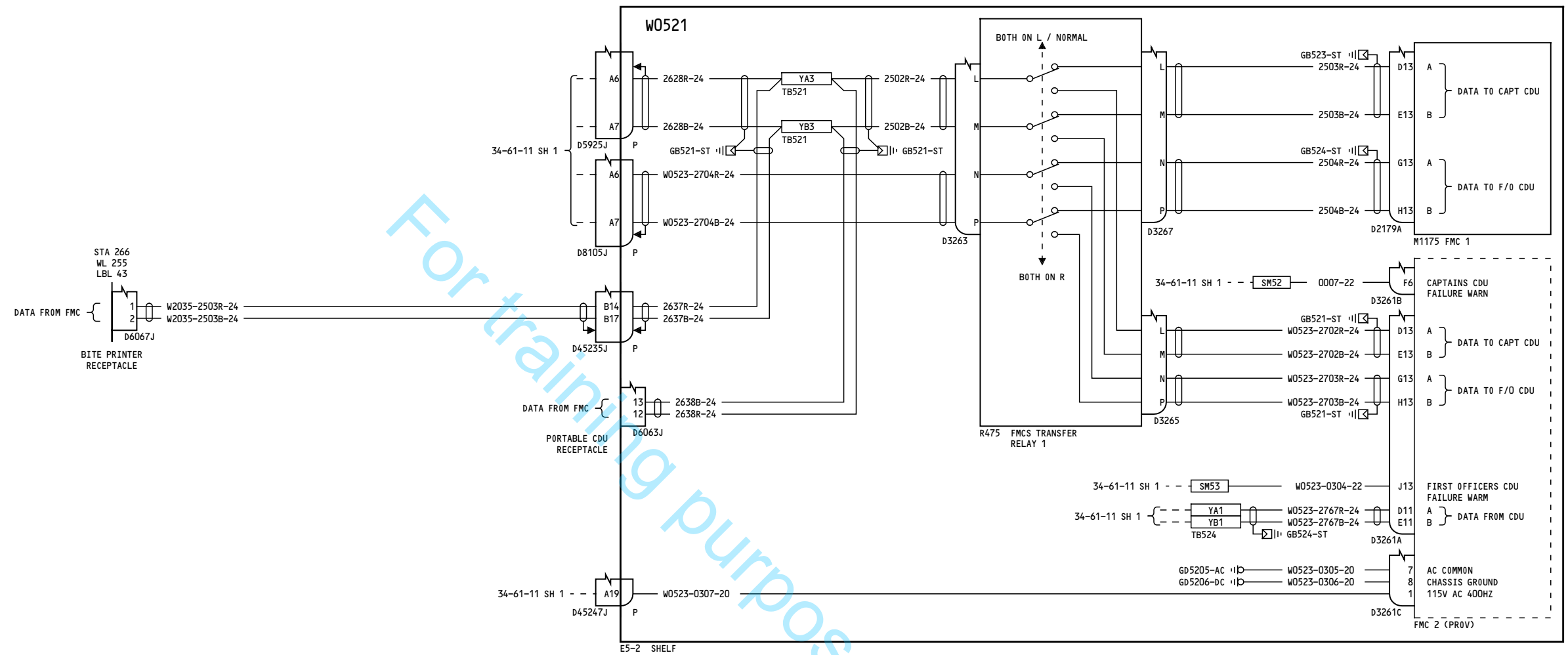
- P61 FIRST OFFICER AUXILIARY PANEL:** Contains W0041 (AP0600B STA 260) and W0003 (AP0900A). It connects to the GPS-2 DATA IN (A, B) and GPS FUNCTION ENABLE (21) lines.
- P3 FIRST OFFICERS INSTRUMENT PANEL:** Contains W0141 (AP0900A) and W0111 (M652 GND PROX COMPUTER). It connects to the GPS-2 INPUT (A, B) and GPS-2 OUTPUT BUS 3 (A, B) lines.
- E1-4 SHELF:** Contains W0523 (D45237P) and W0111 (M652 GND PROX COMPUTER). It connects to the GPS-2 INPUT (A, B) and GPS-2 OUTPUT BUS 3 (A, B) lines.
- M1206 MASTER CAUTION UNIT:** Connects to the GPS-2 DATA IN (A, B) lines.
- M2102 GPS ANT-2 STA 500A+5 RBL 5:** Connects to the GPS-2 DATA IN (A, B) lines.
- Other components:** Includes various relays (D40623P, D4251P, D4311J, D40047J, D41453J, D42943J), switches (YA7, TB1403, YB7, GB1403-ST), and connectors (D2271, D716, D10721B, D10721A, D2179B, D2947).

The diagram is watermarked "For training purposes only!"

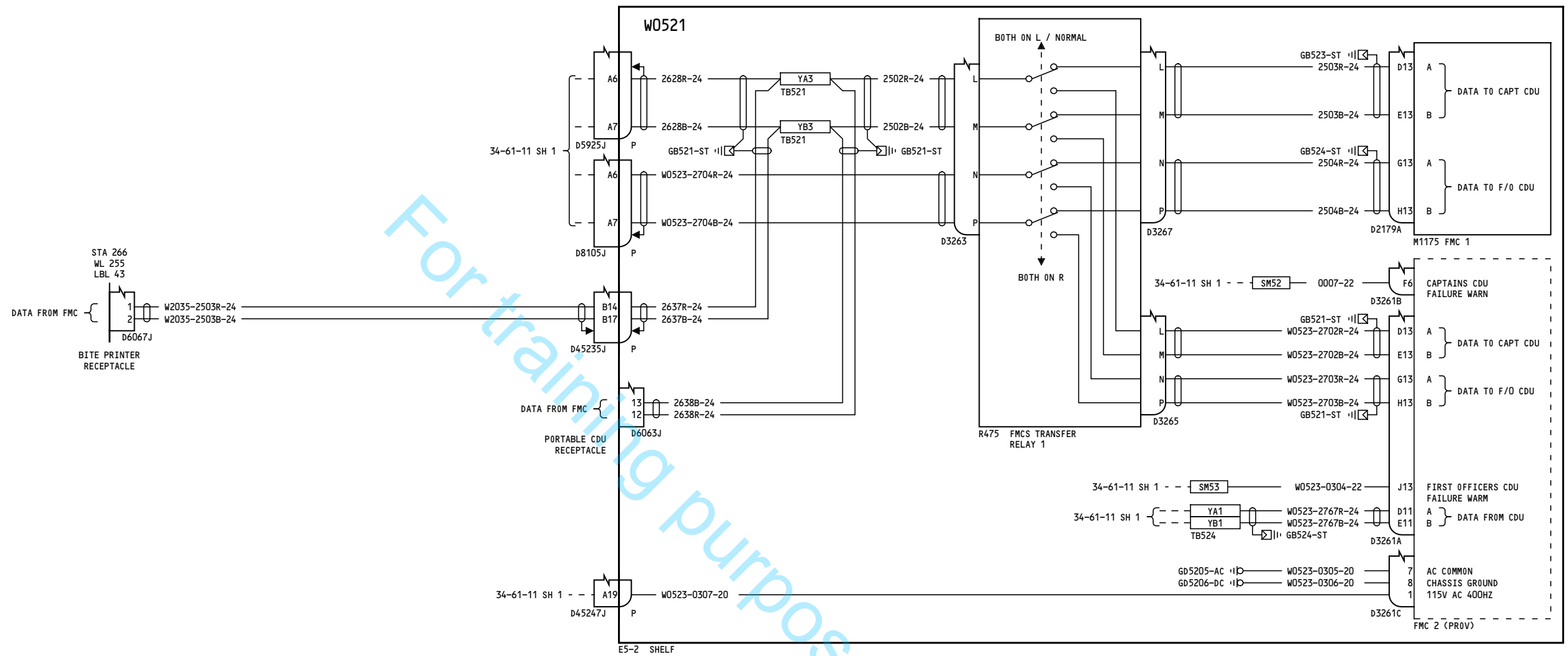
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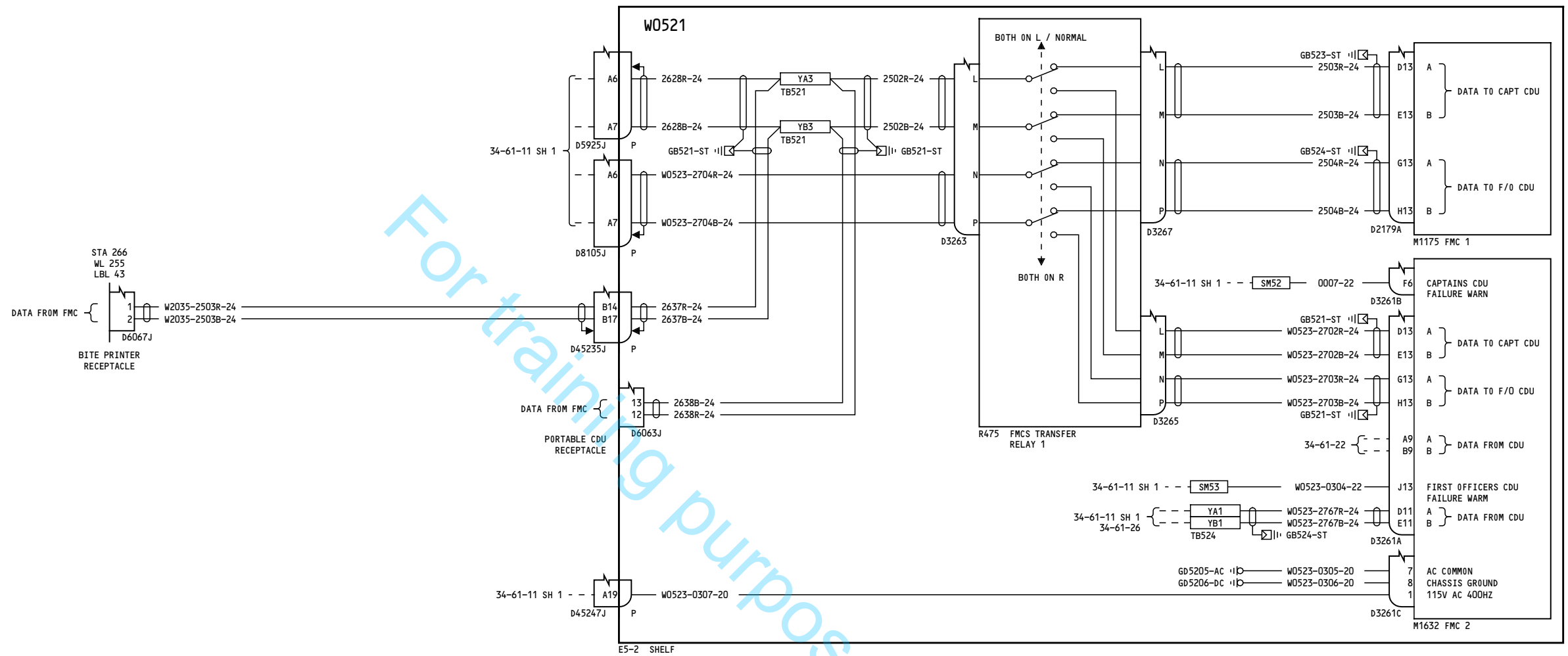




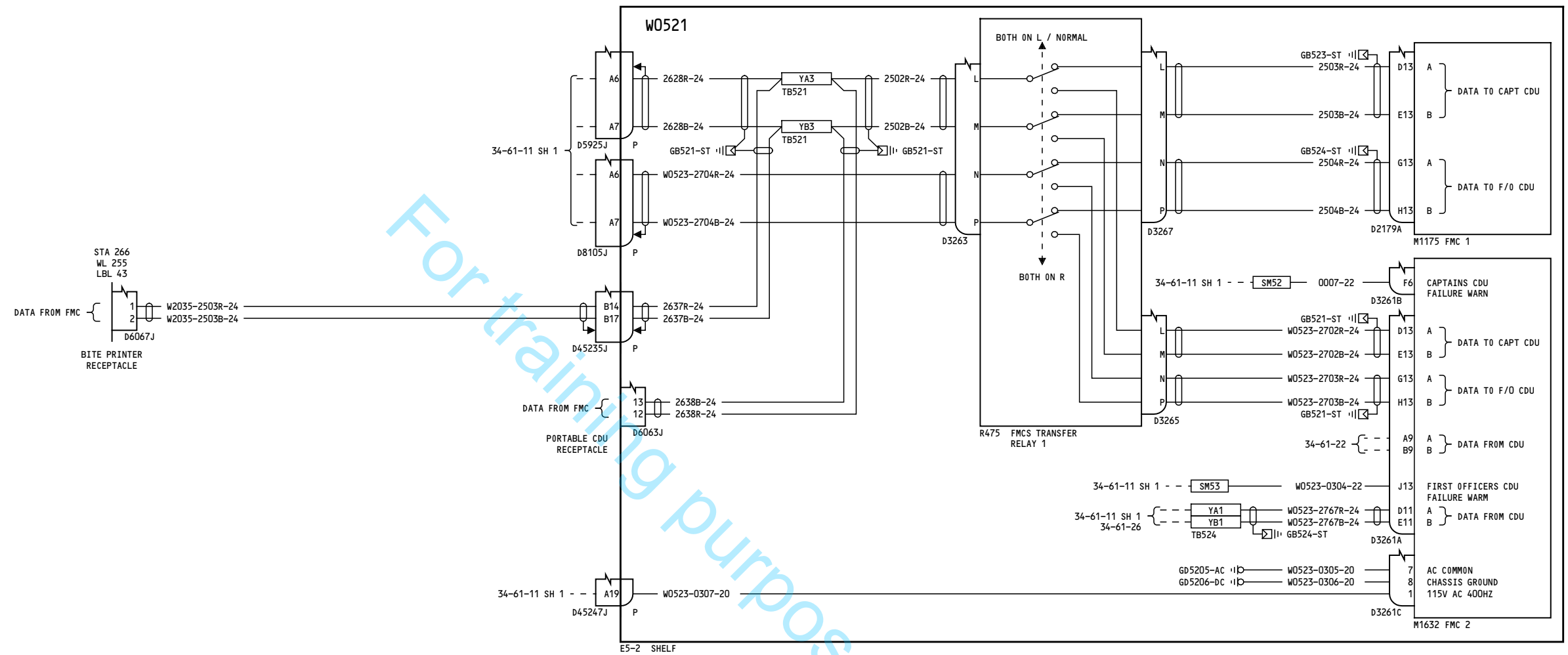


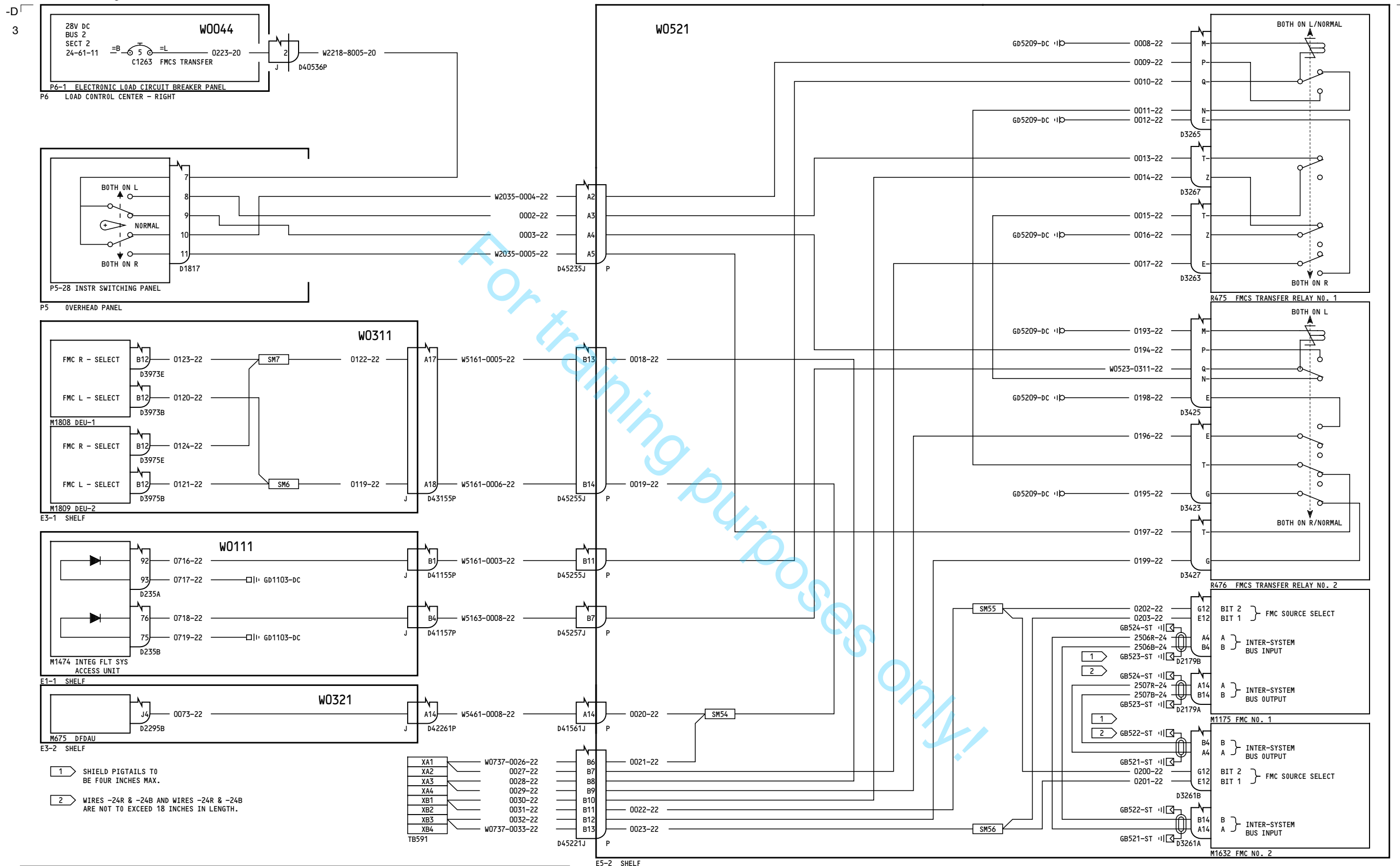












YC051-YC064

**FMCS SWITCHING AND INTER-SYSTEM BUS**

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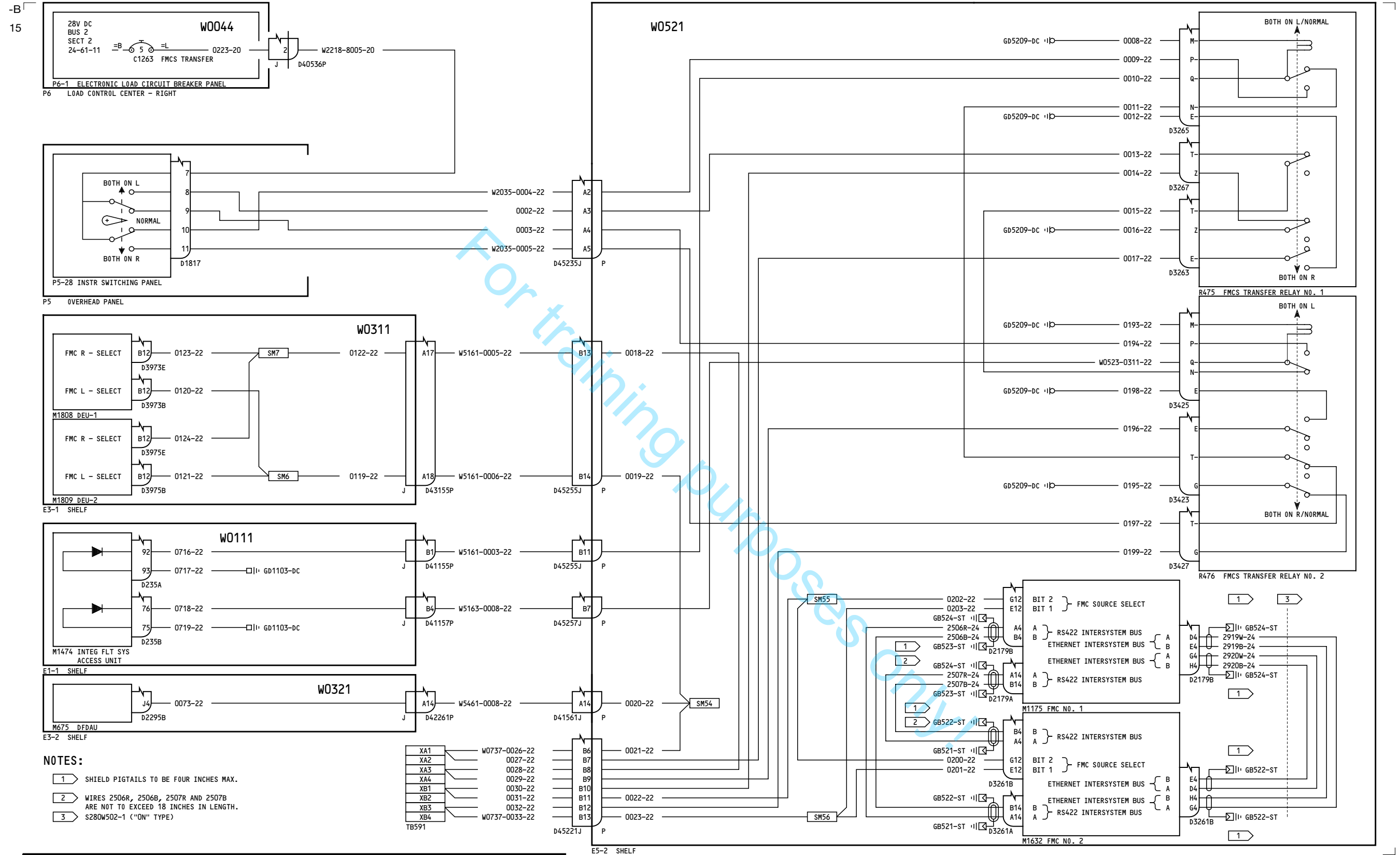
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YC065-YD157

## FMCS SWITCHING AND INTER-SYSTEM BUS

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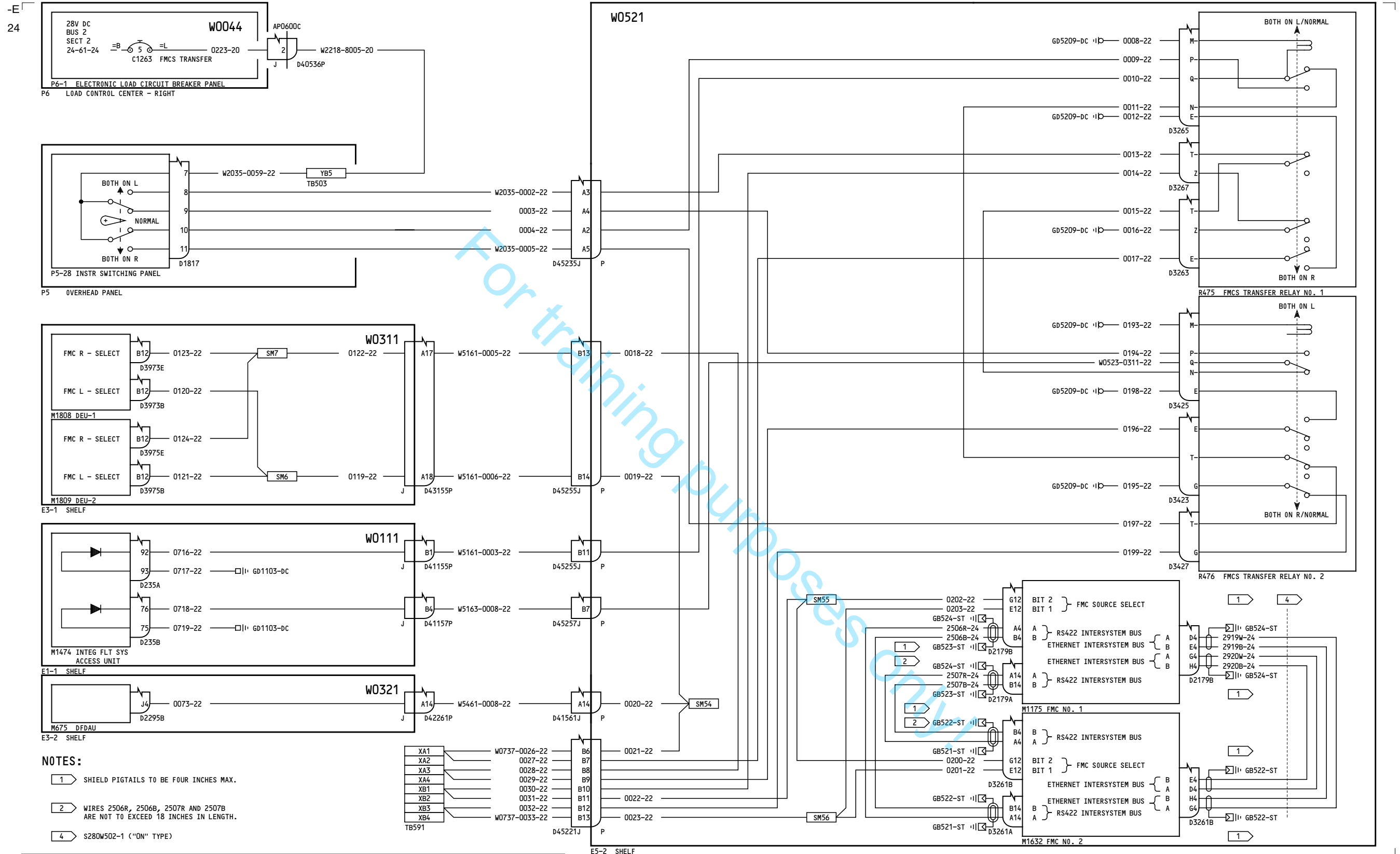
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YC051-YD157

FMCS ARINC 429 INPUTS

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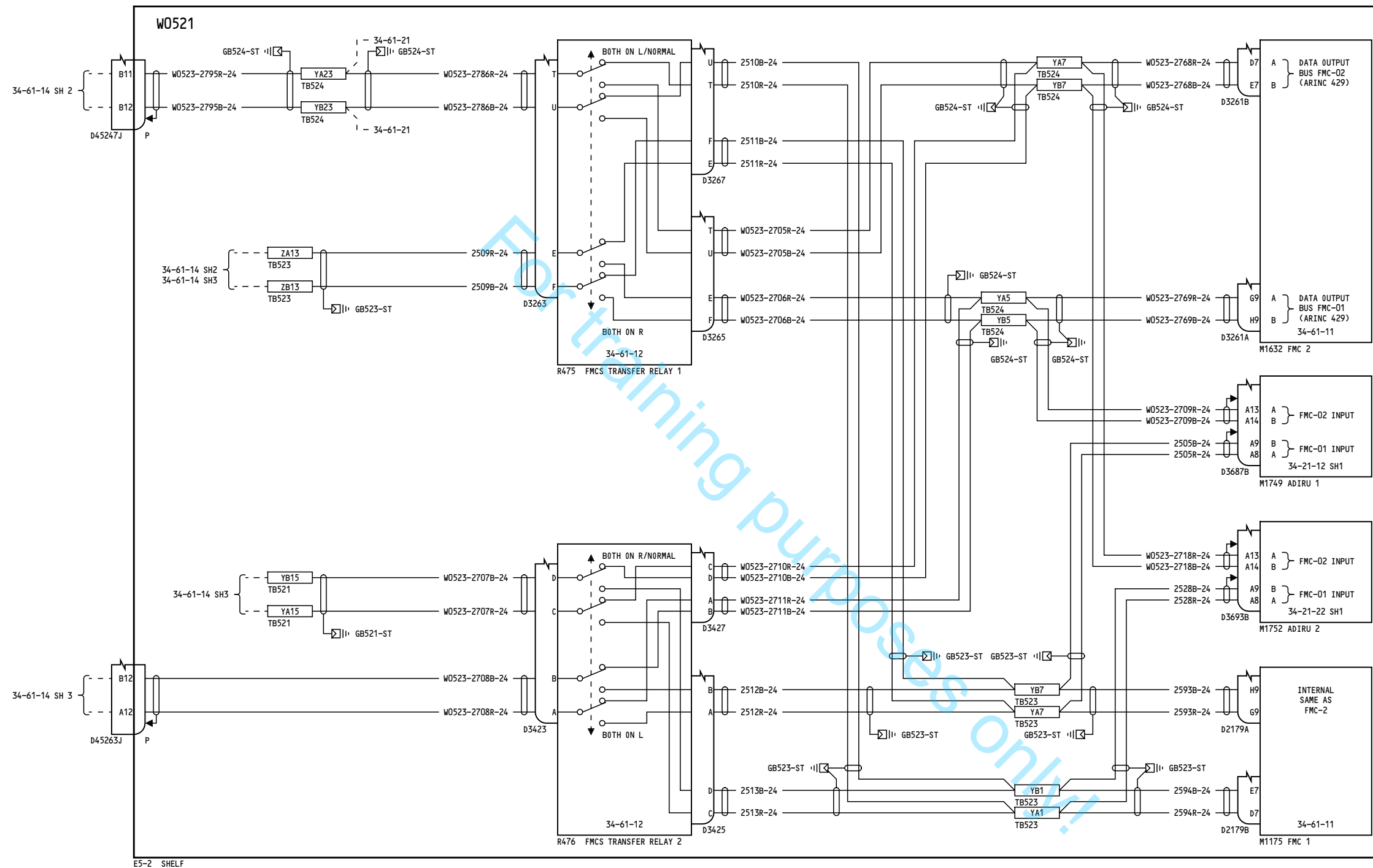
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YC051-YC055

FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02

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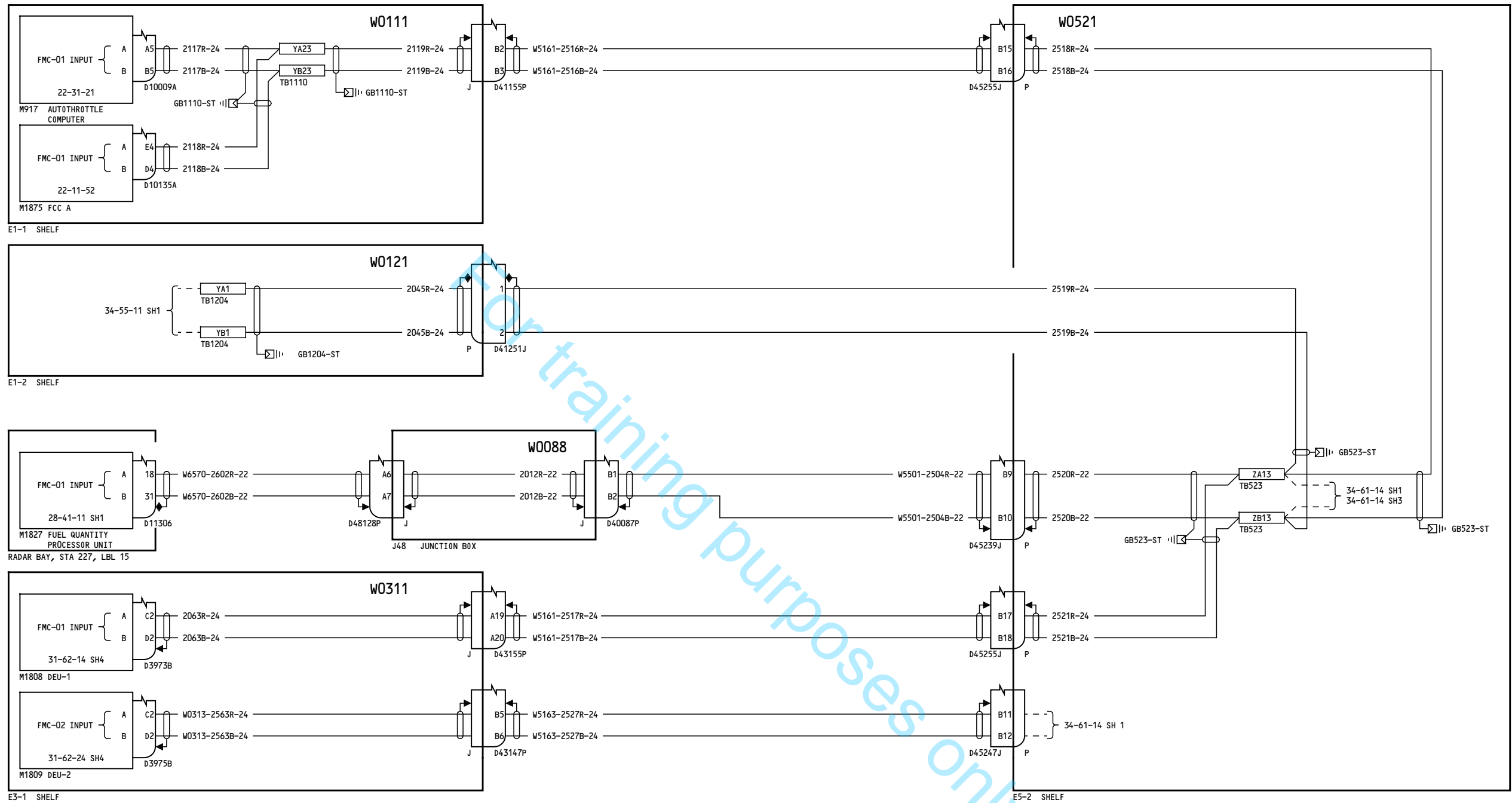
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YC051-YC055

FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02

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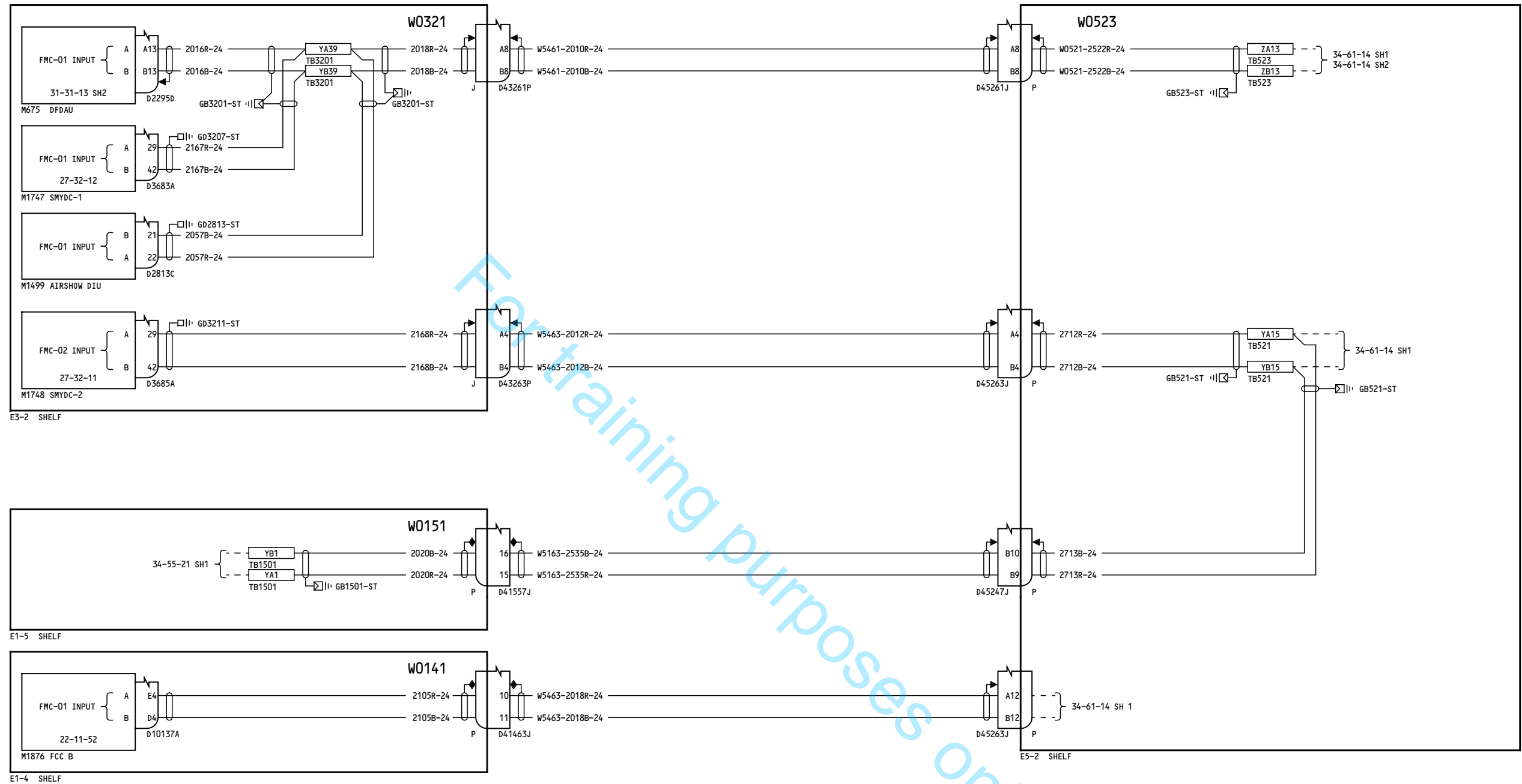
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YC051-YC055

FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02

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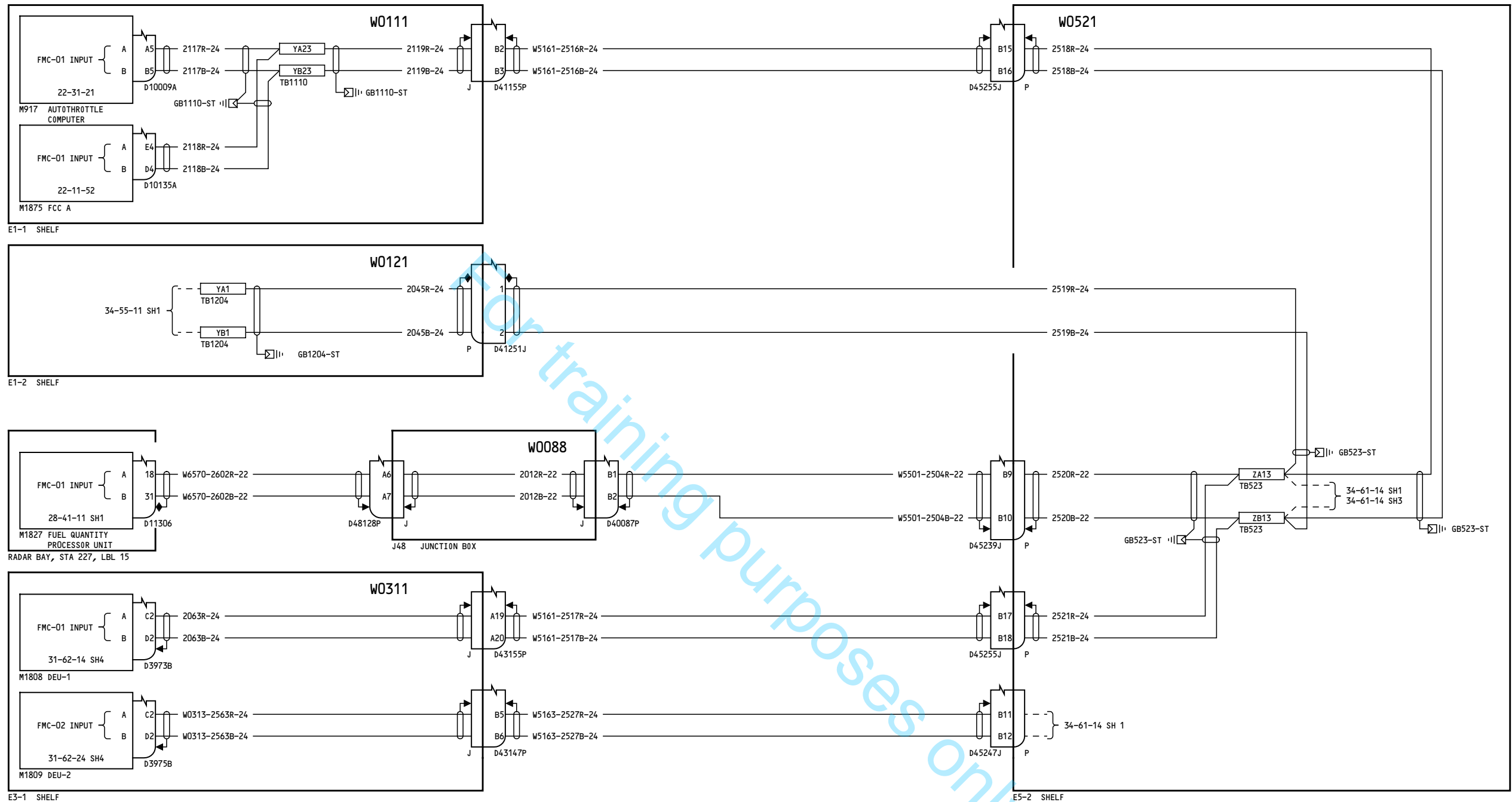
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YC056-YD155

FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02

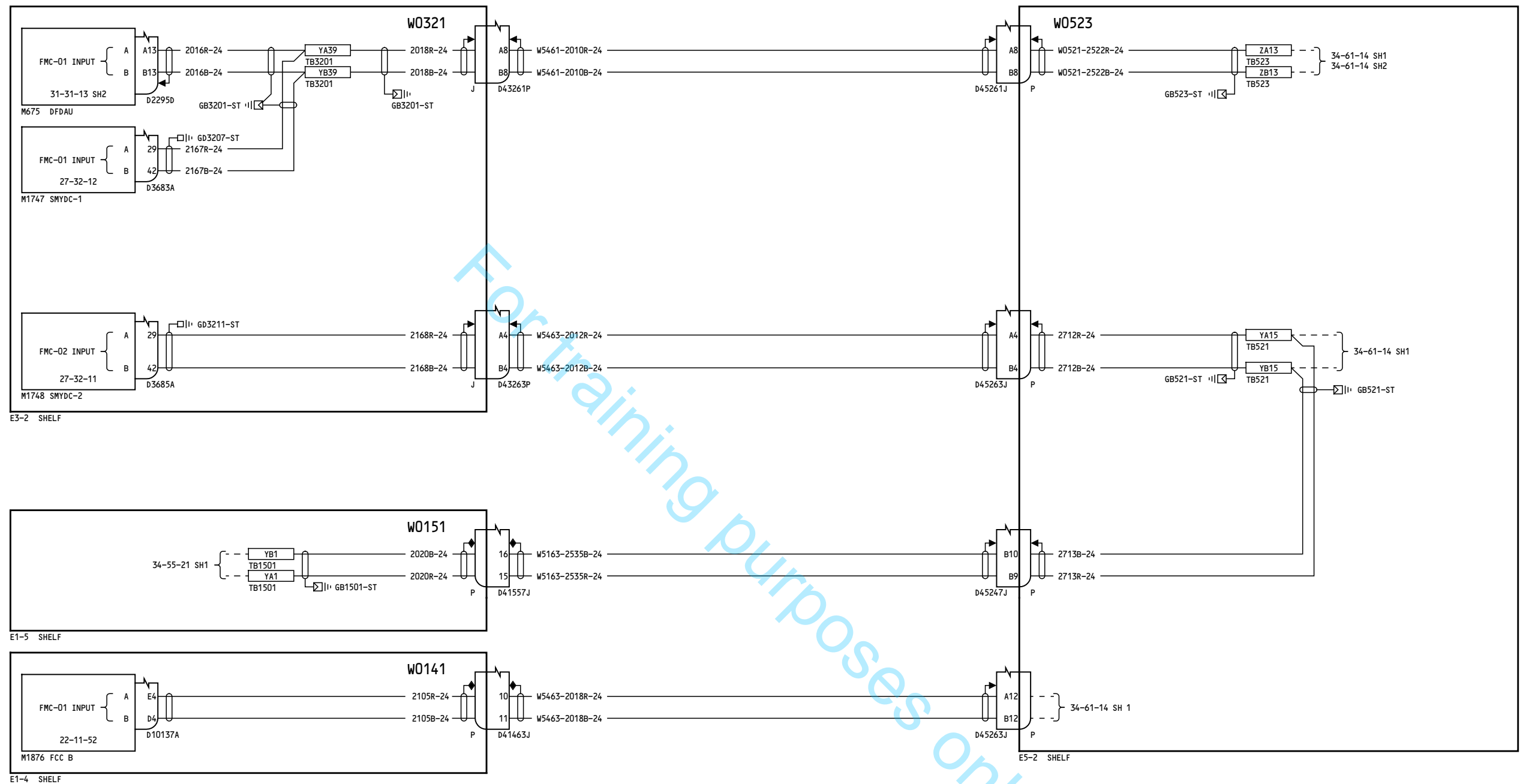
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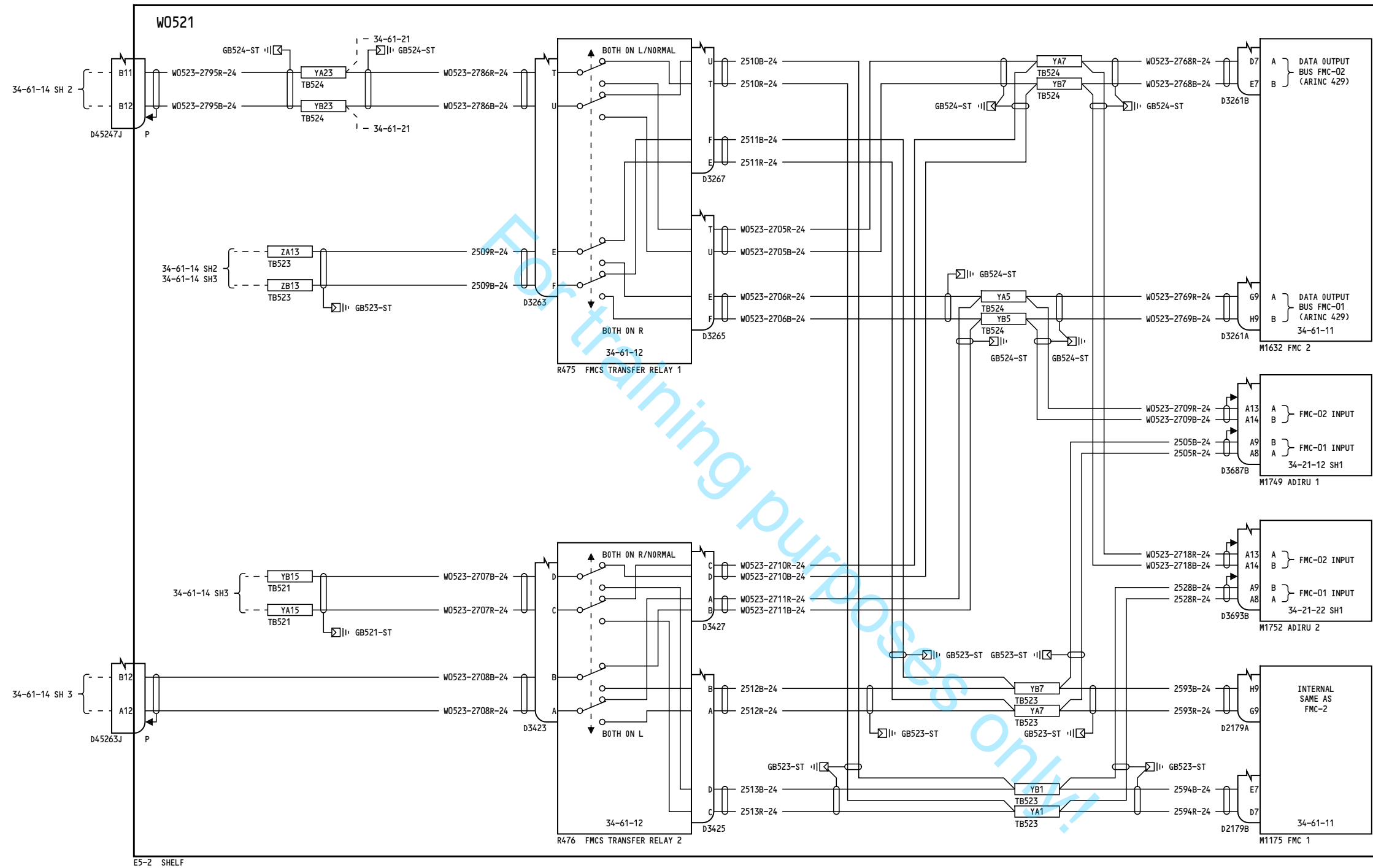
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**FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02**

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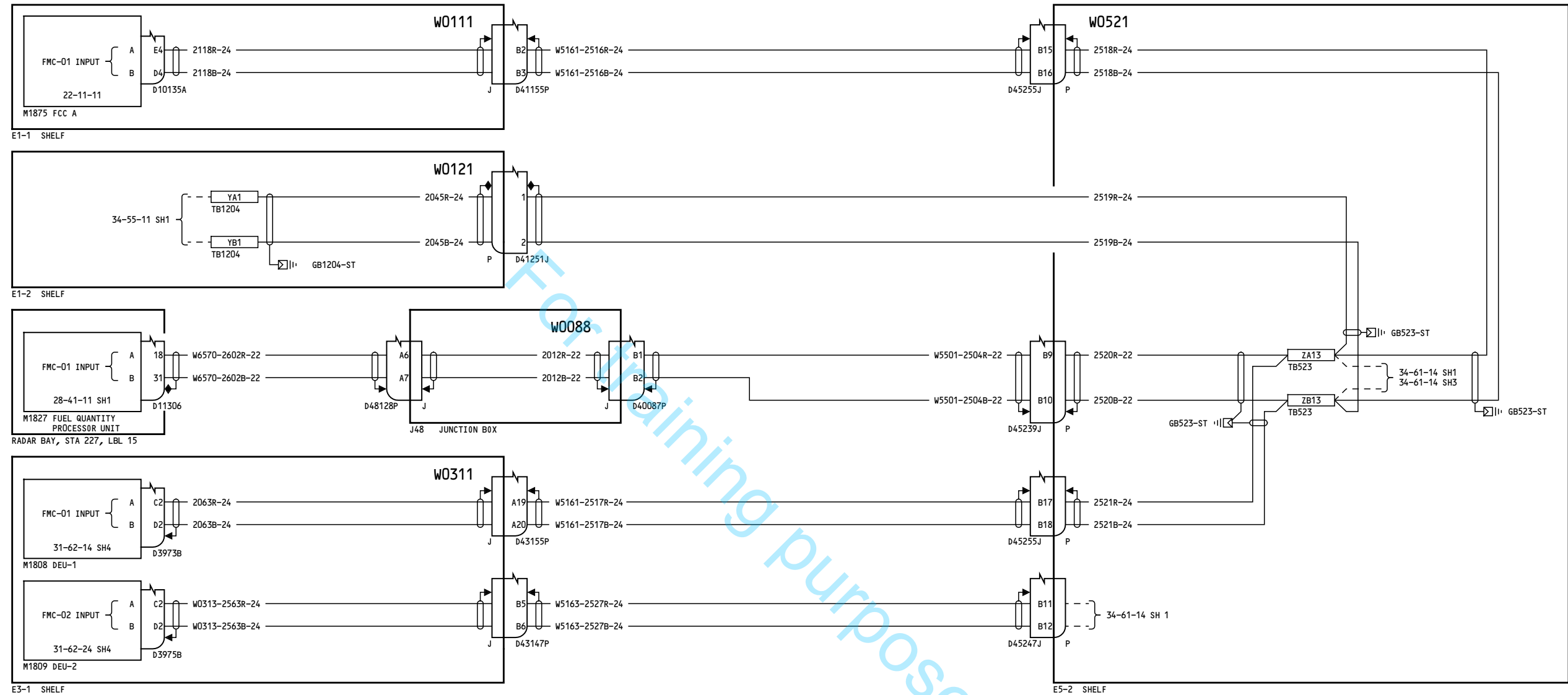
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FMCS GENERAL OUTPUT BUSES  
 FMC-01 AND FMC-02

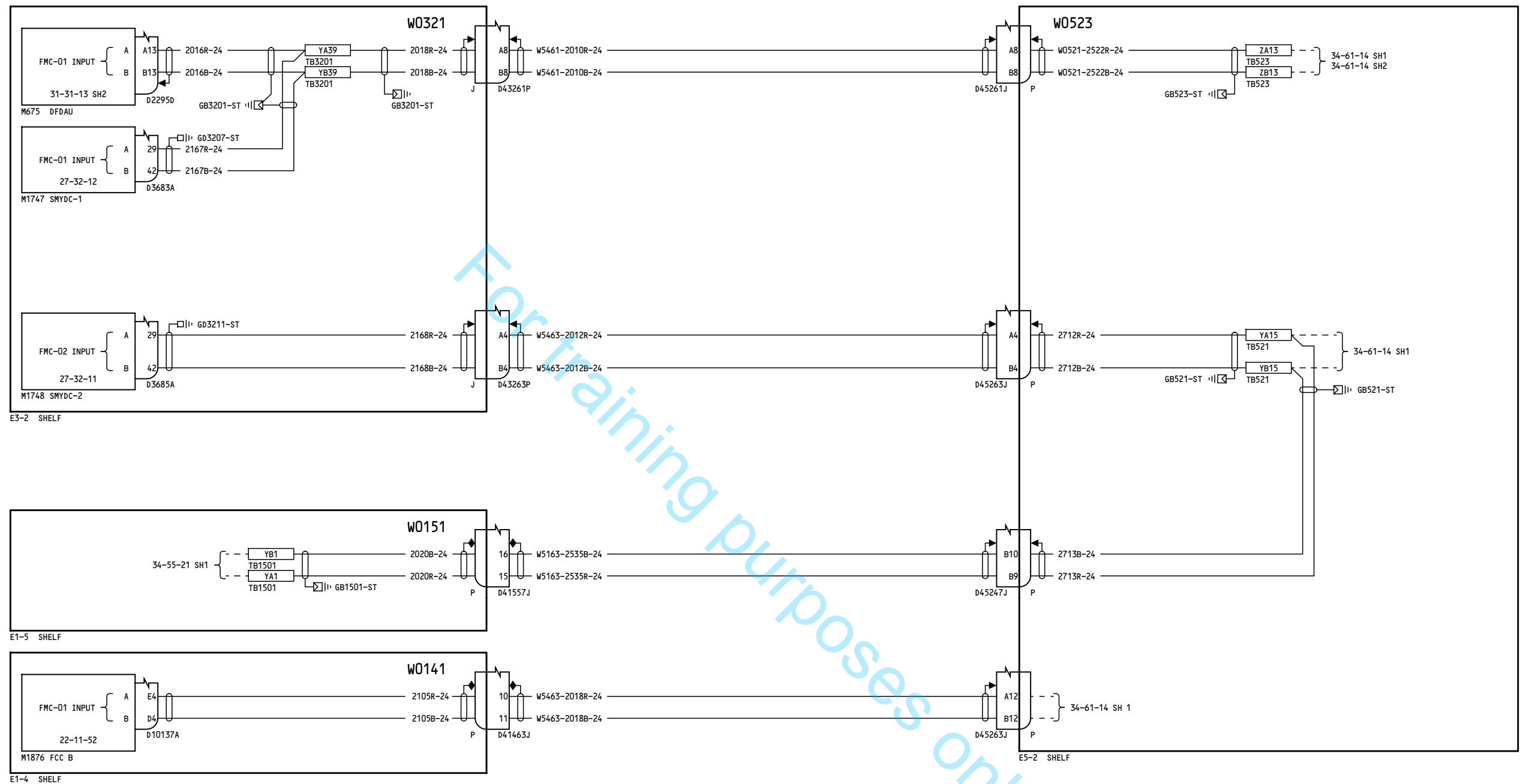
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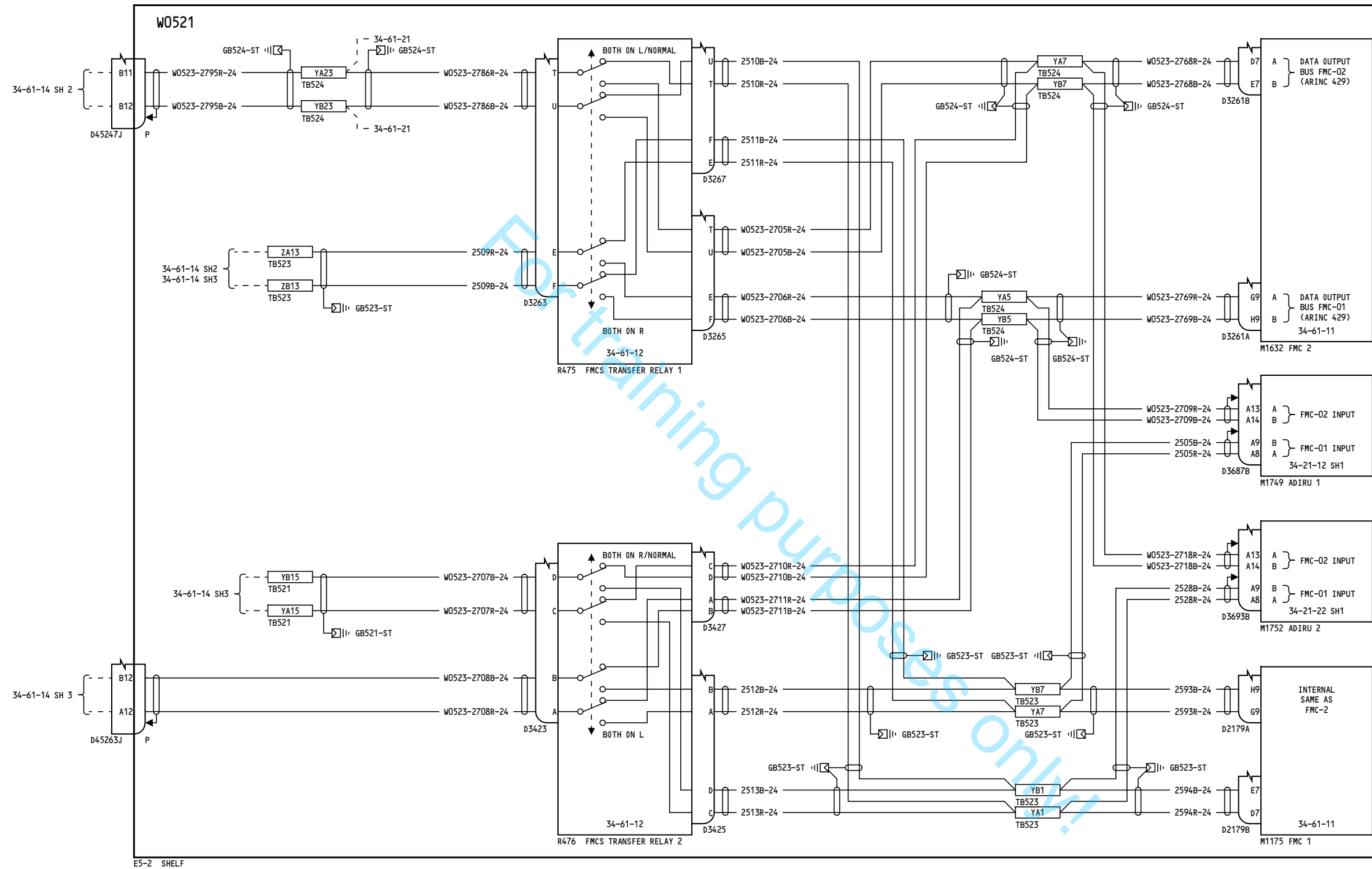
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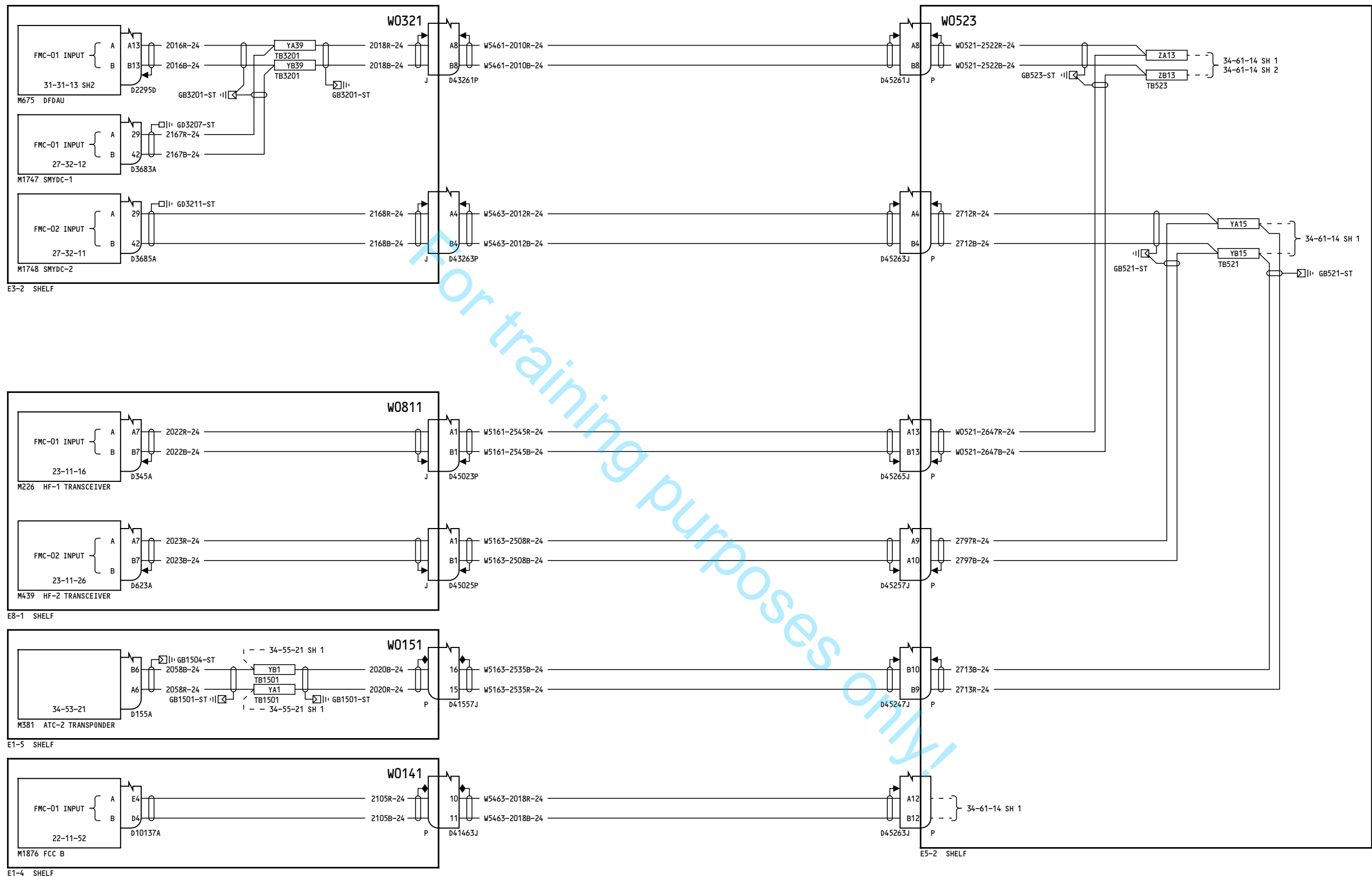
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FMCS GENERAL OUTPUT BUSES  
FMC-01 AND FMC-02

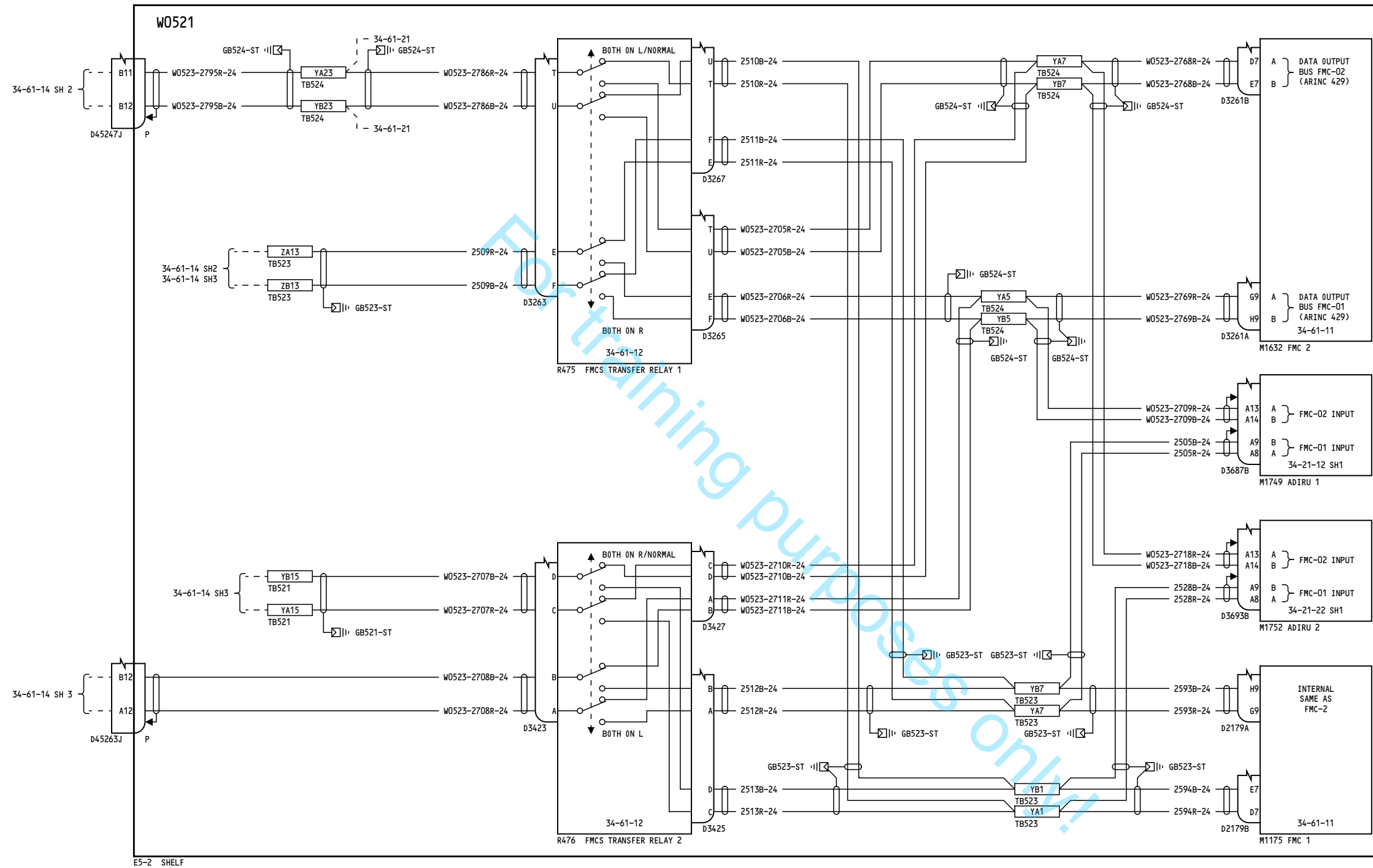
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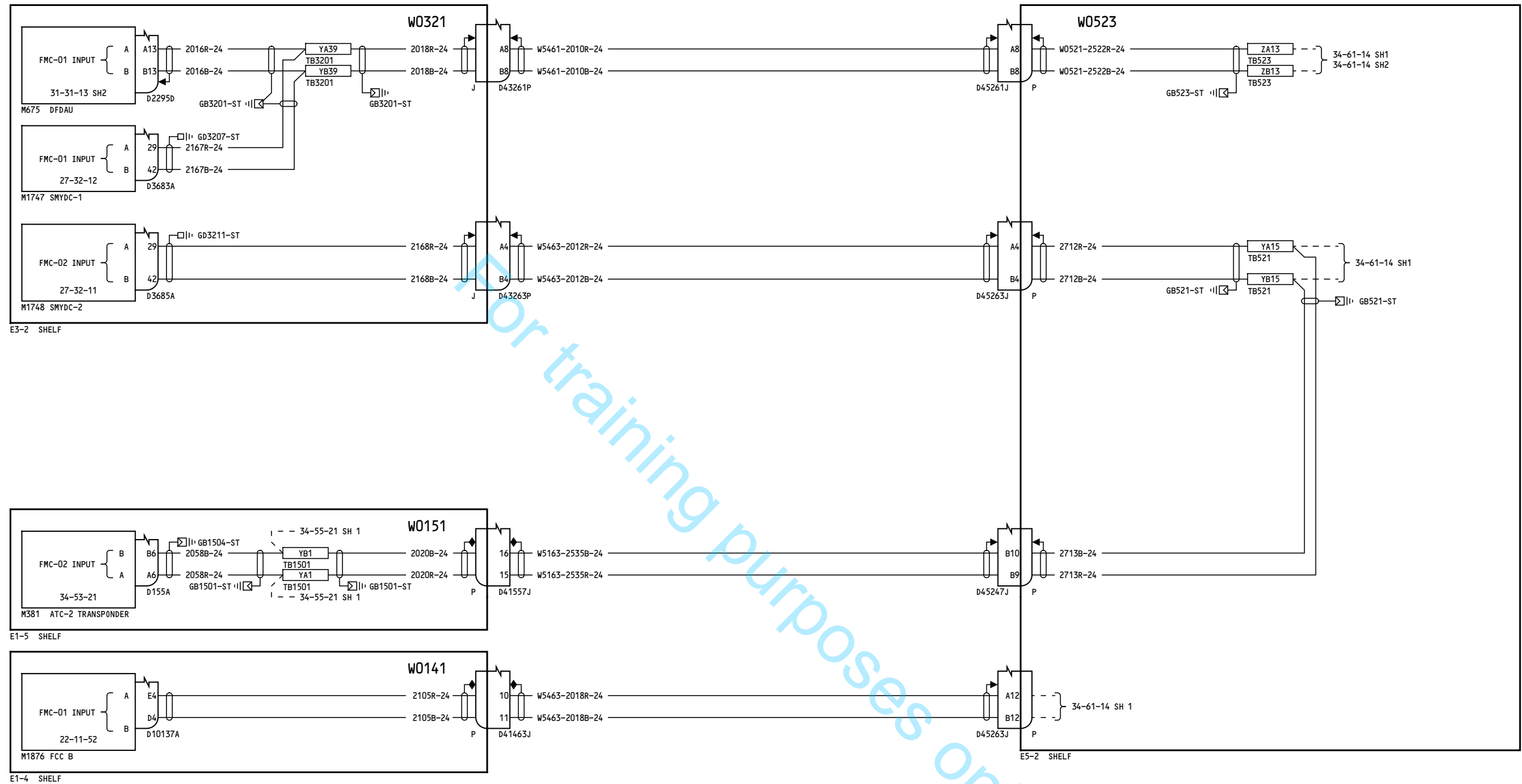
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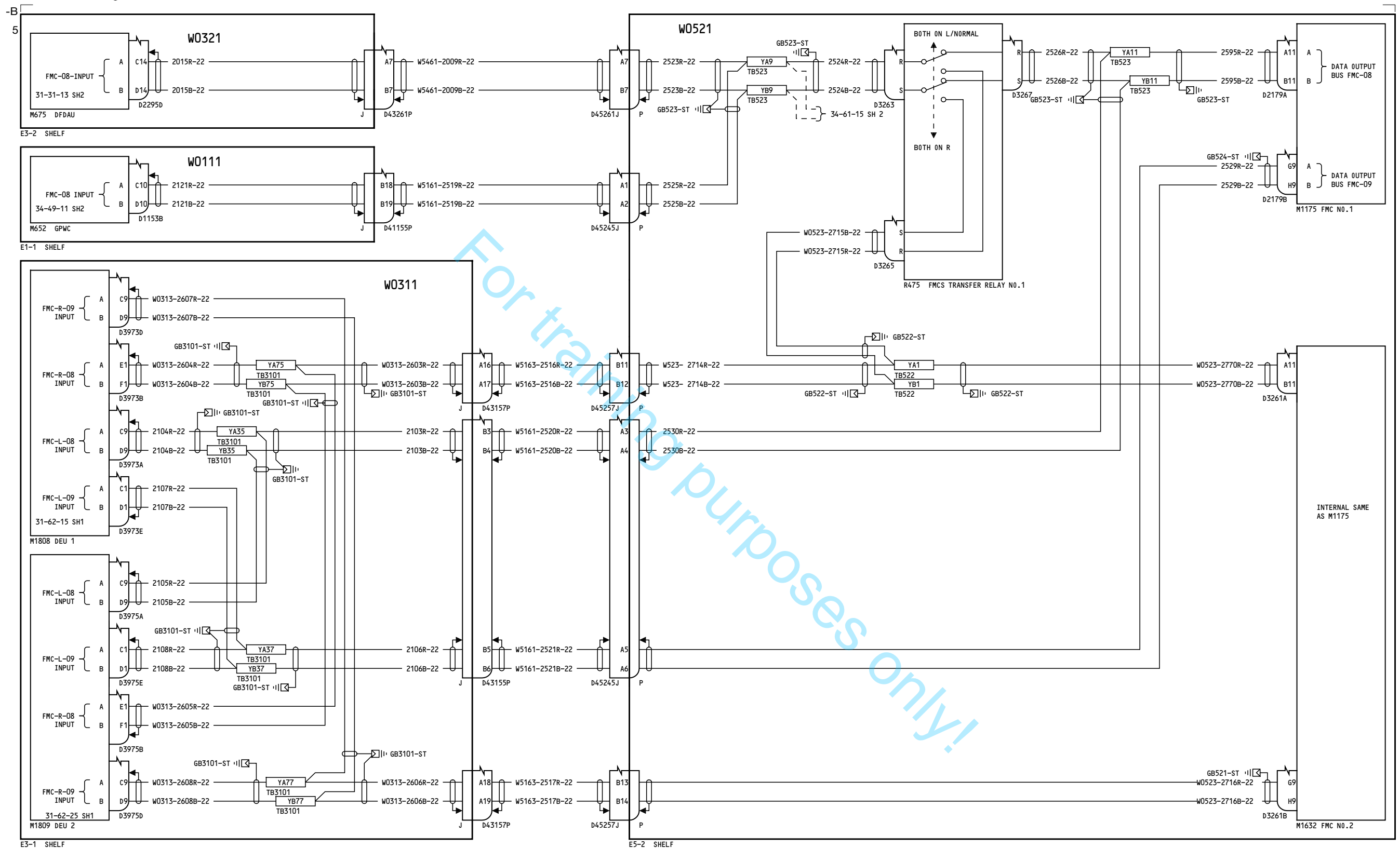
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FMCS OUTPUT BUSES  
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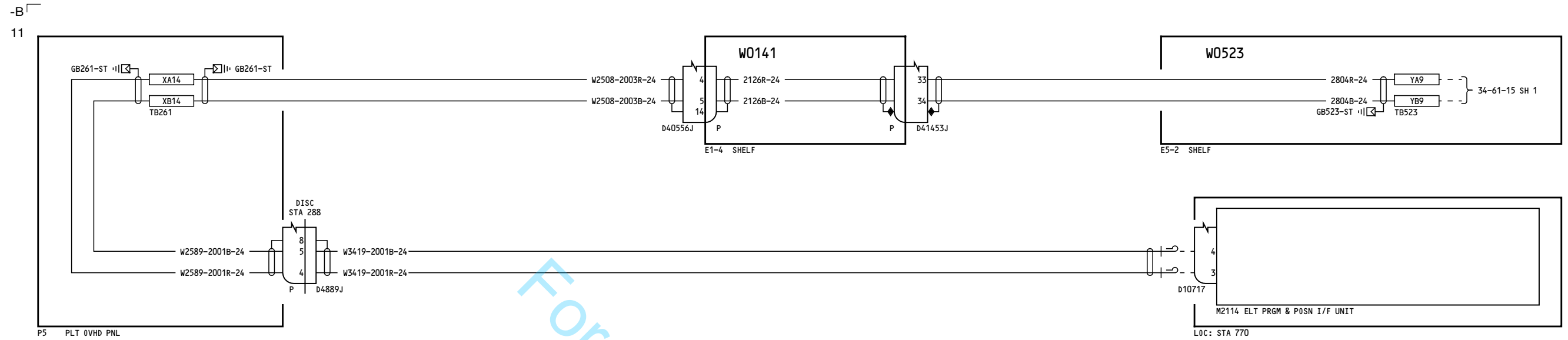
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**FMCS OUTPUT BUSSES  
FMC-08 AND FMC-09**

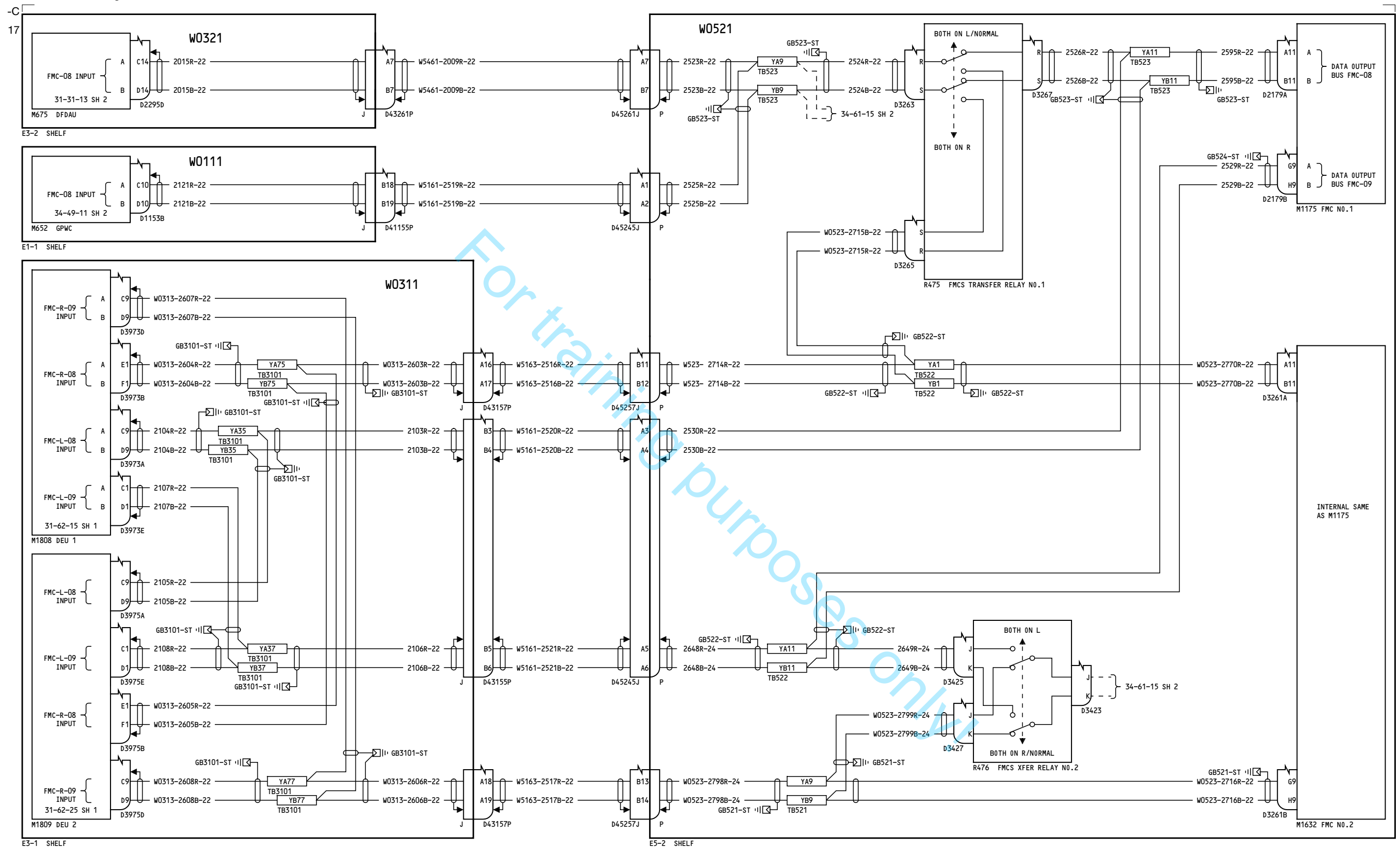
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FMCS OUTPUT BUSES  
FMC-08 AND FMC-09

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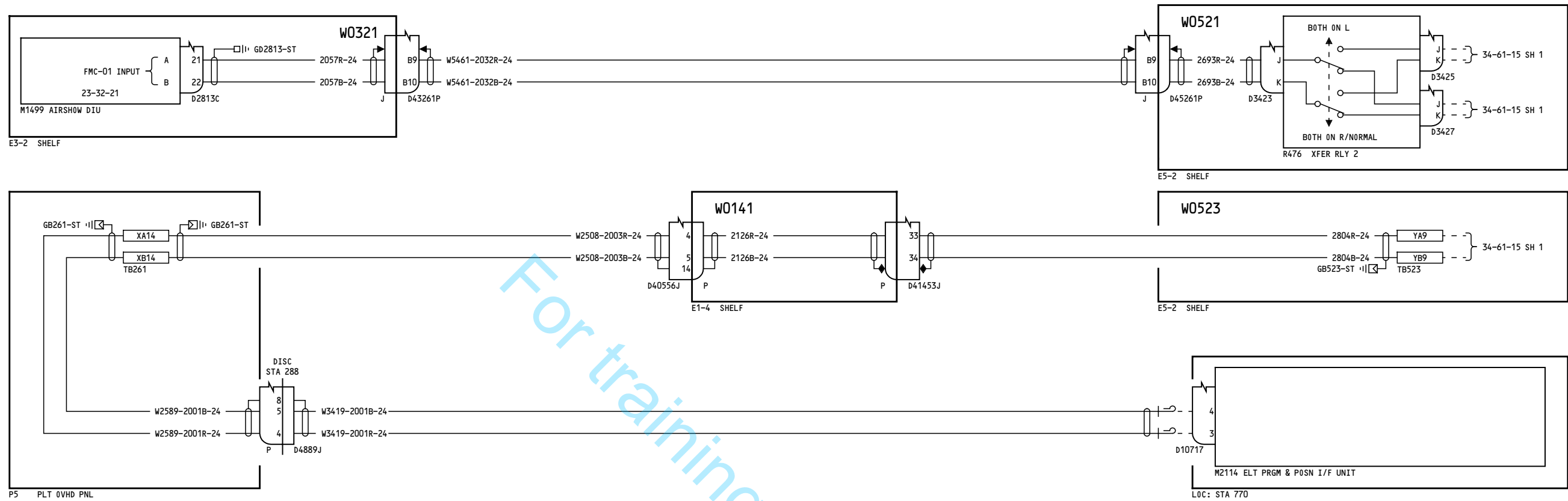
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FMCS OUTPUT BUSSES  
FMC-08 AND FMC-09

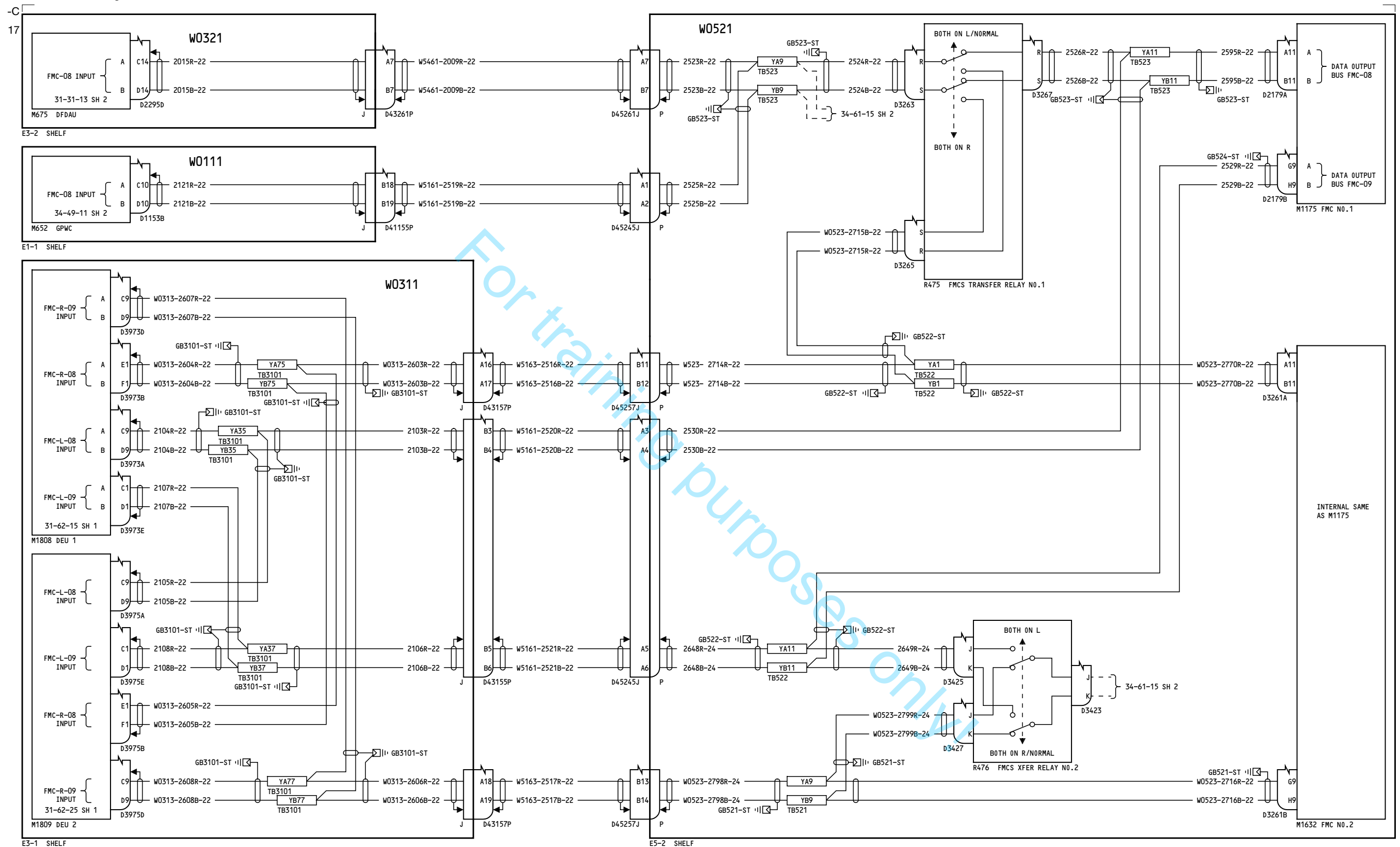
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FMCS OUTPUT BUSES  
FMC-08 AND FMC-09

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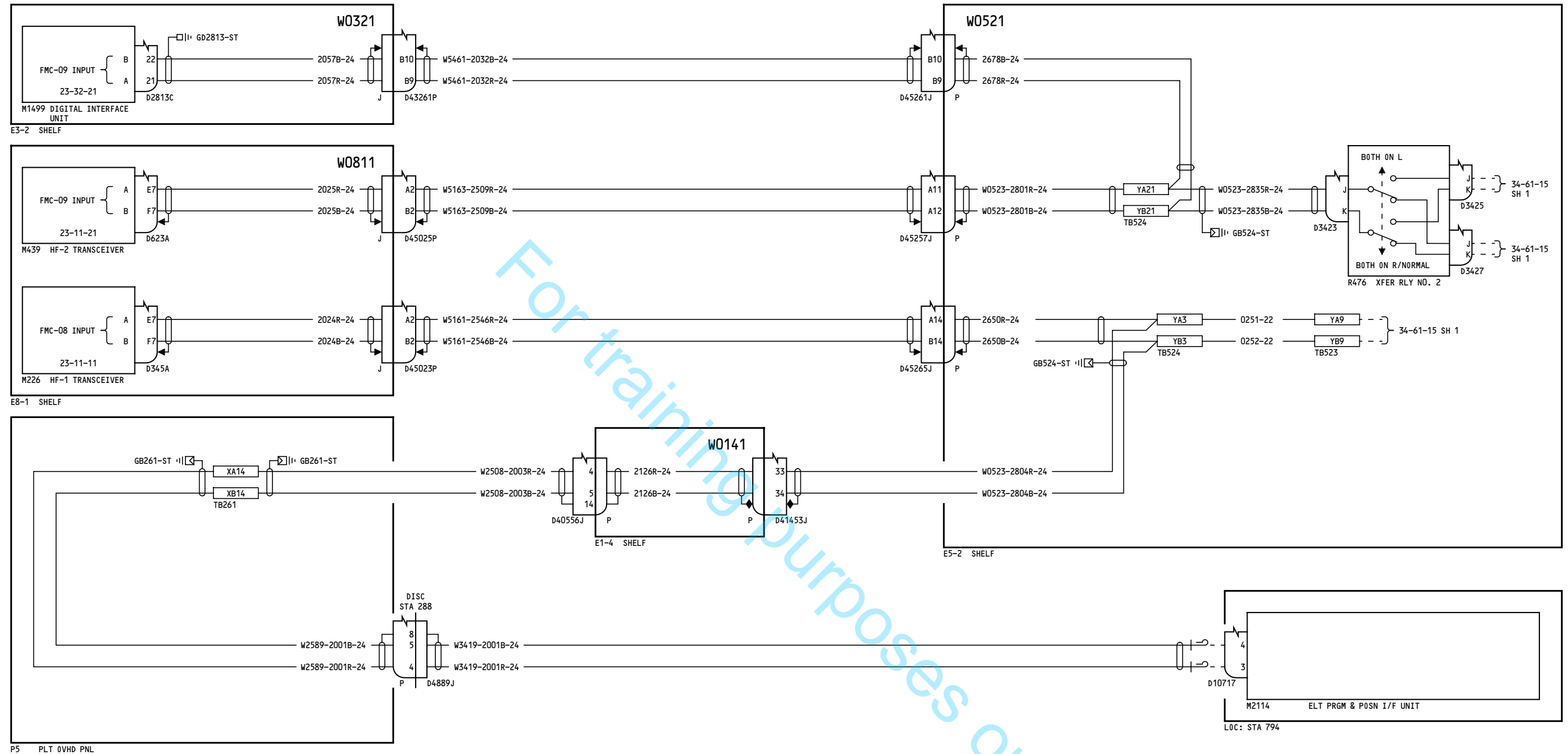
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FMCS OUTPUT BUSSES  
FMC-08 AND FMC-09

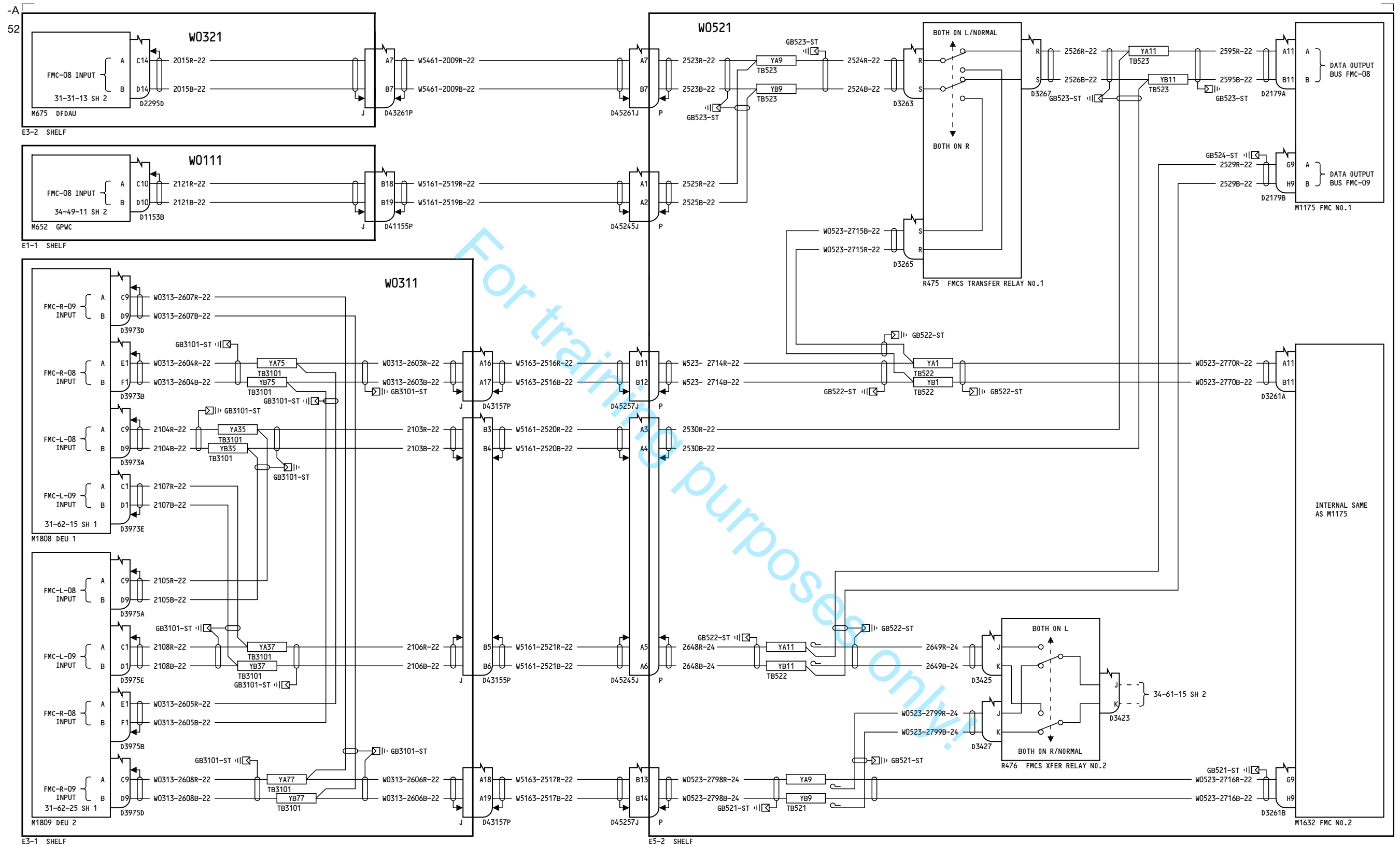
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FMCs OUTPUT BUSES  
FMC-08 AND FMC-09

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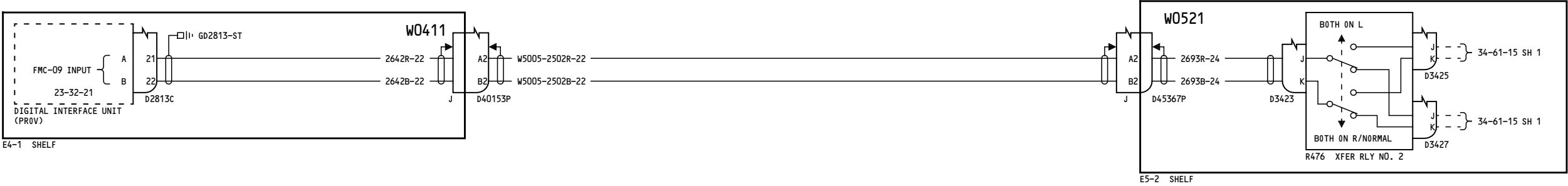
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FMCS OUTPUT BUSSES  
FMC-08 AND FMC-09

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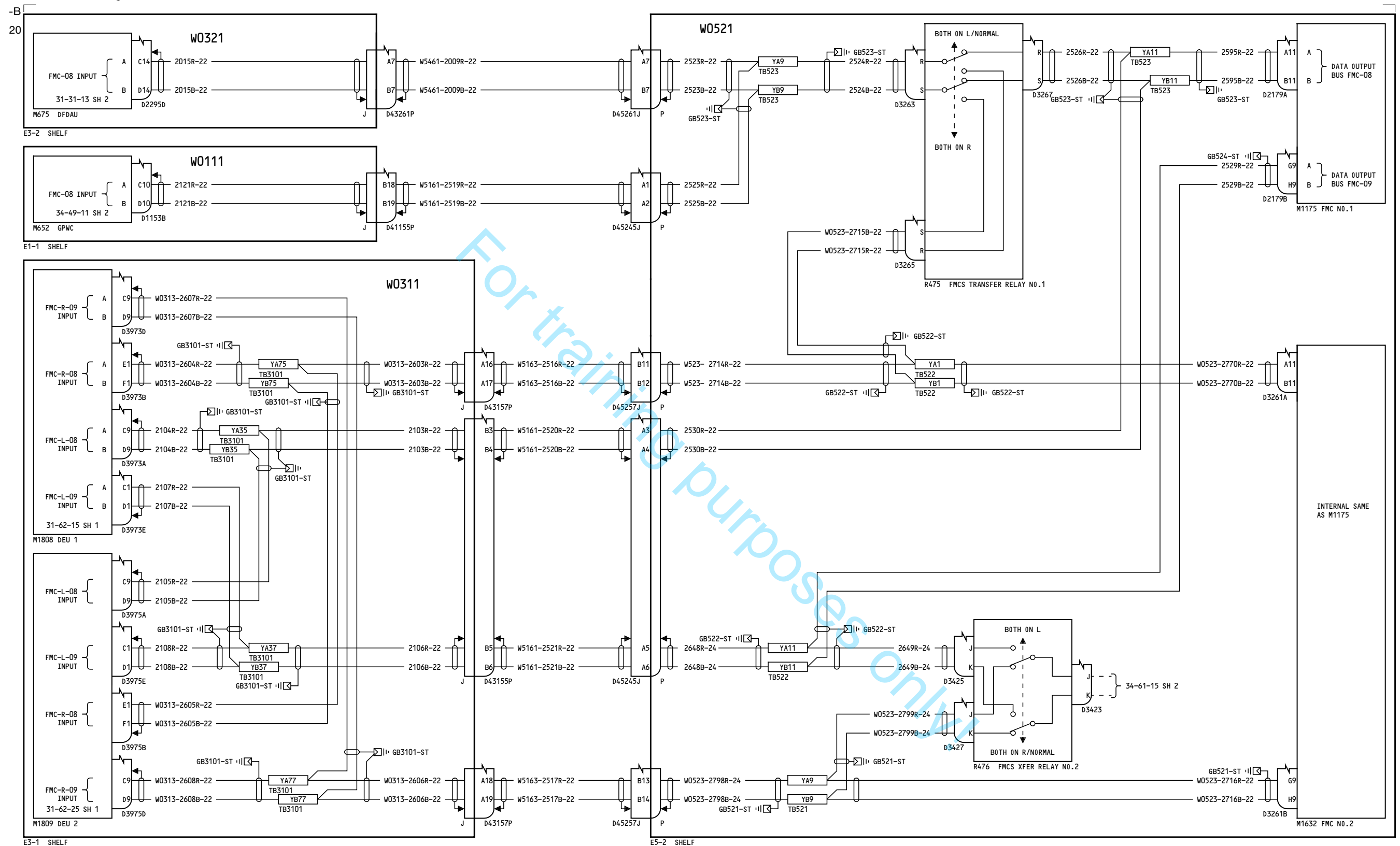
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YN501-YR328

FMCS OUTPUT BUSES  
FMC-08 AND FMC-09

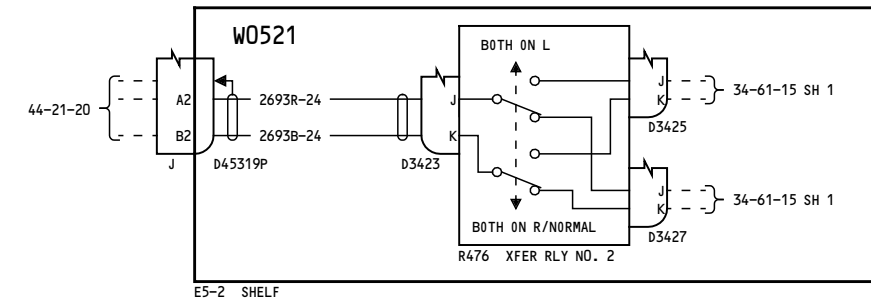
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YN501-YR328

**FMCS OUTPUT BUSES  
FMC-08 AND FMC-09**

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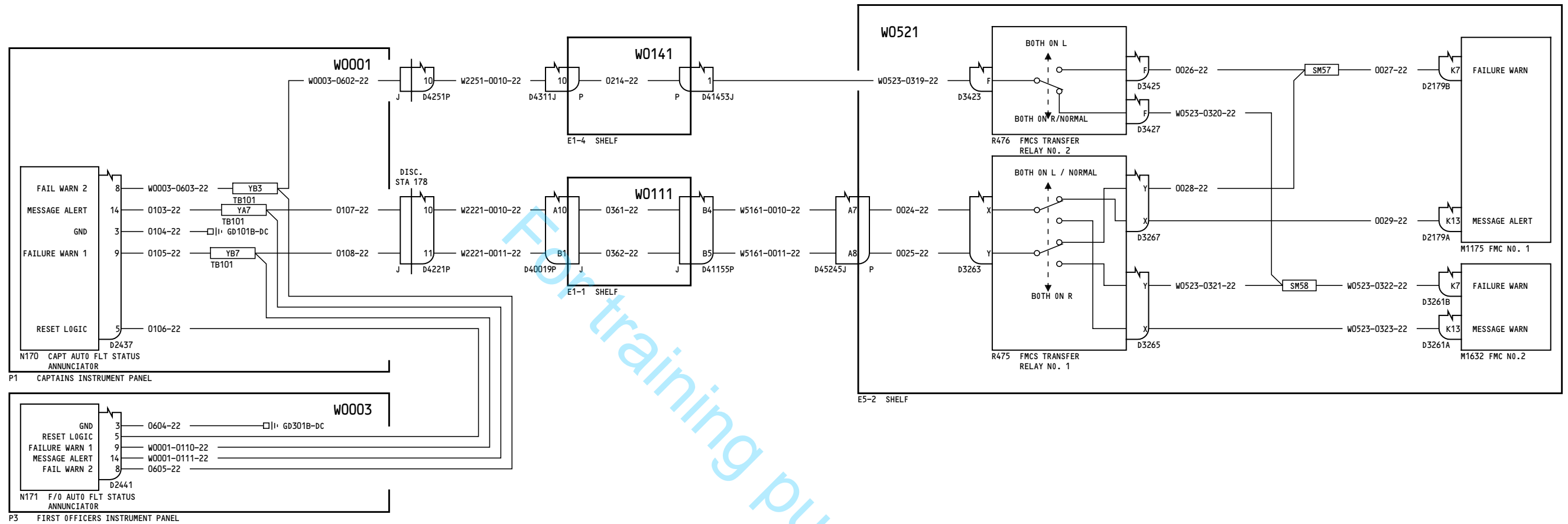
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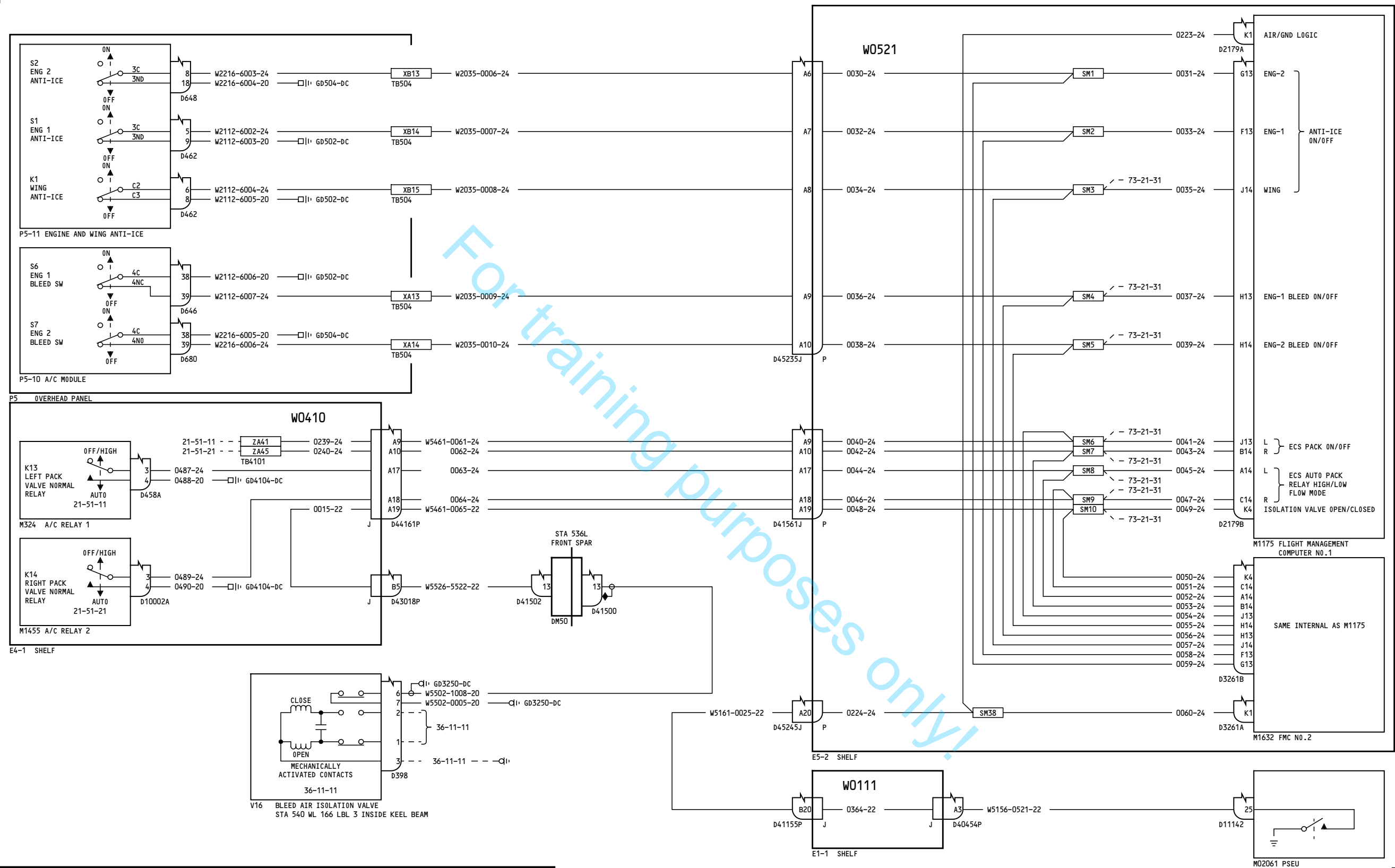
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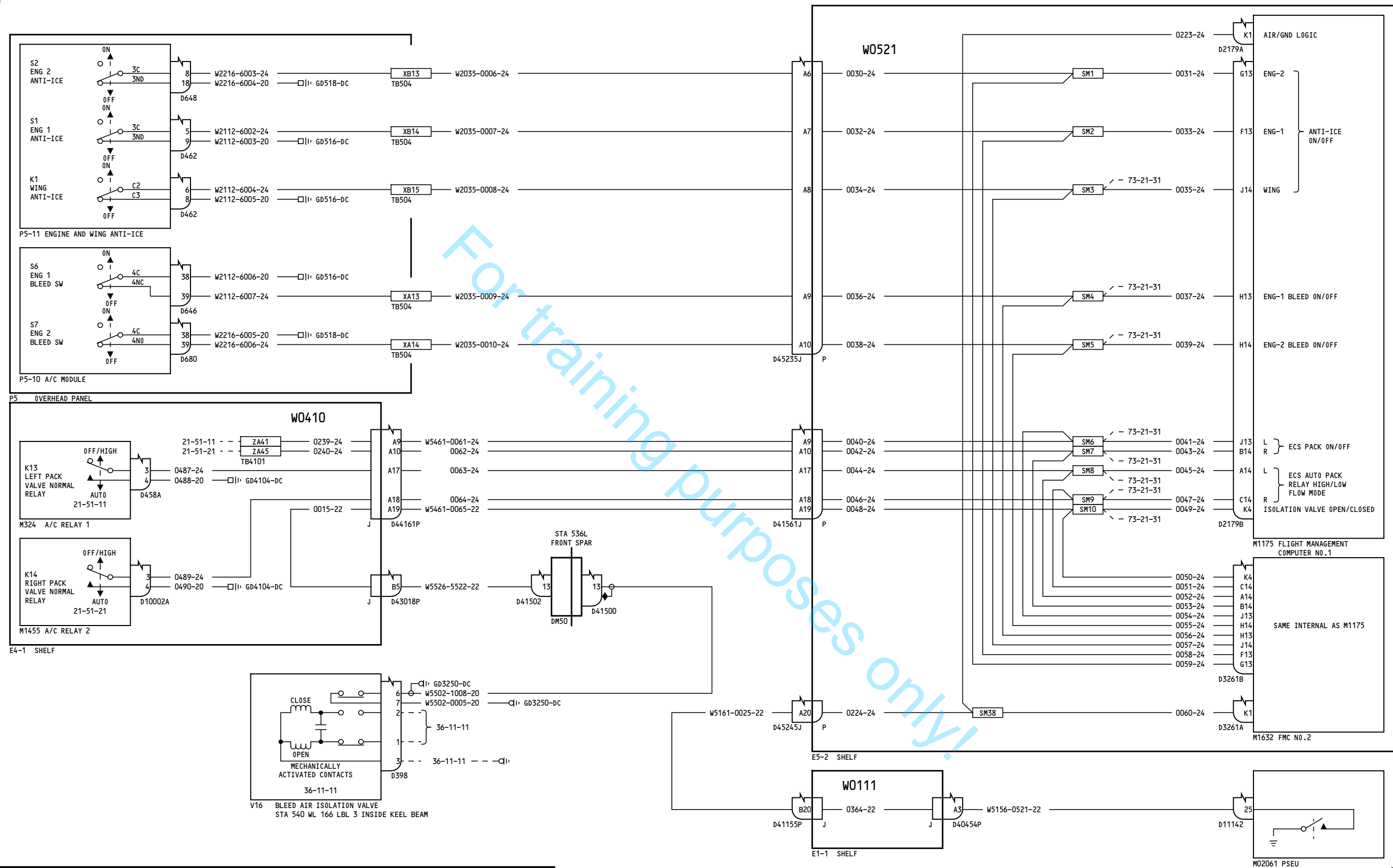
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FMCS ANALOG DISCRETES

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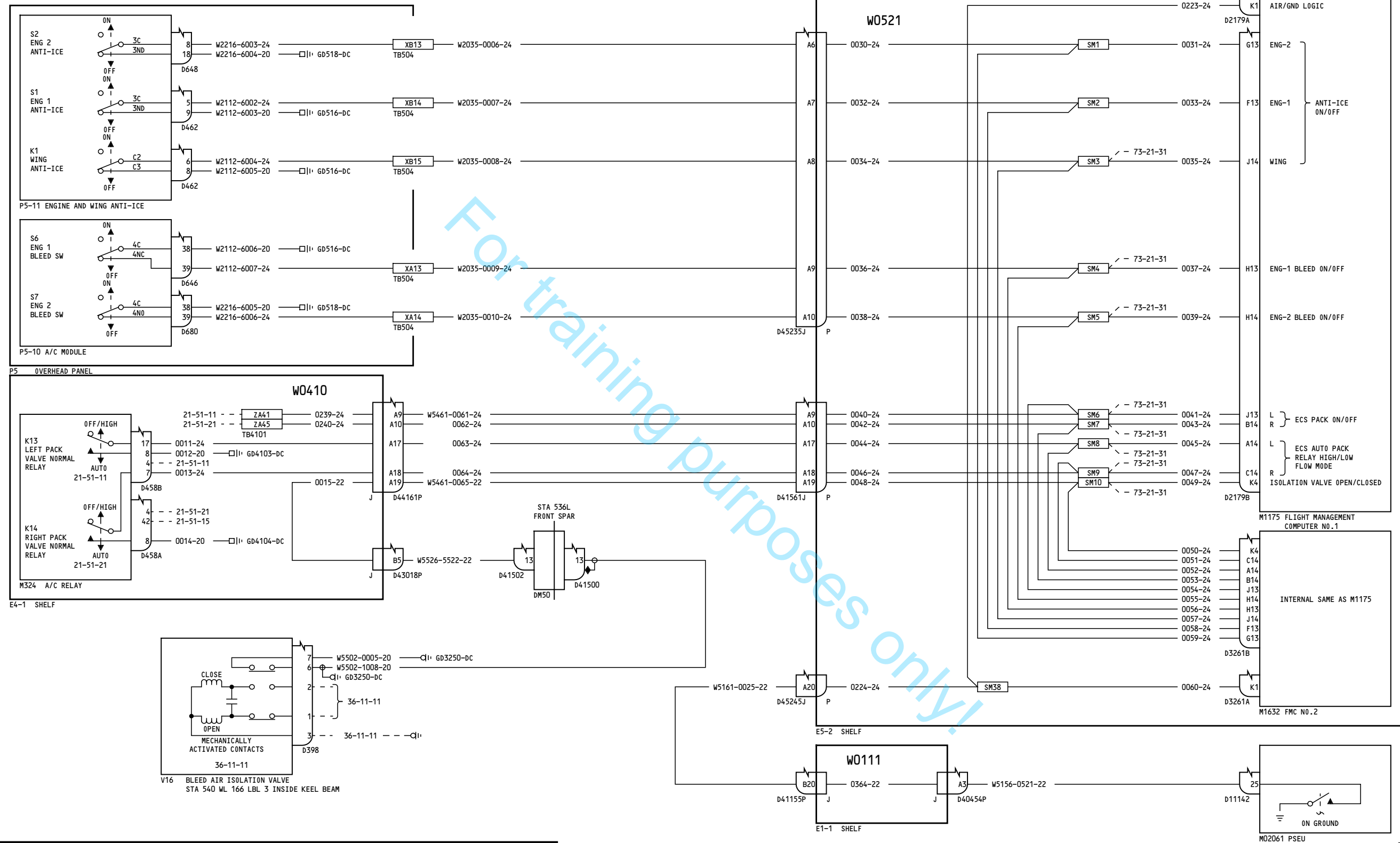
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**FMCS ANALOG DISCRETES**

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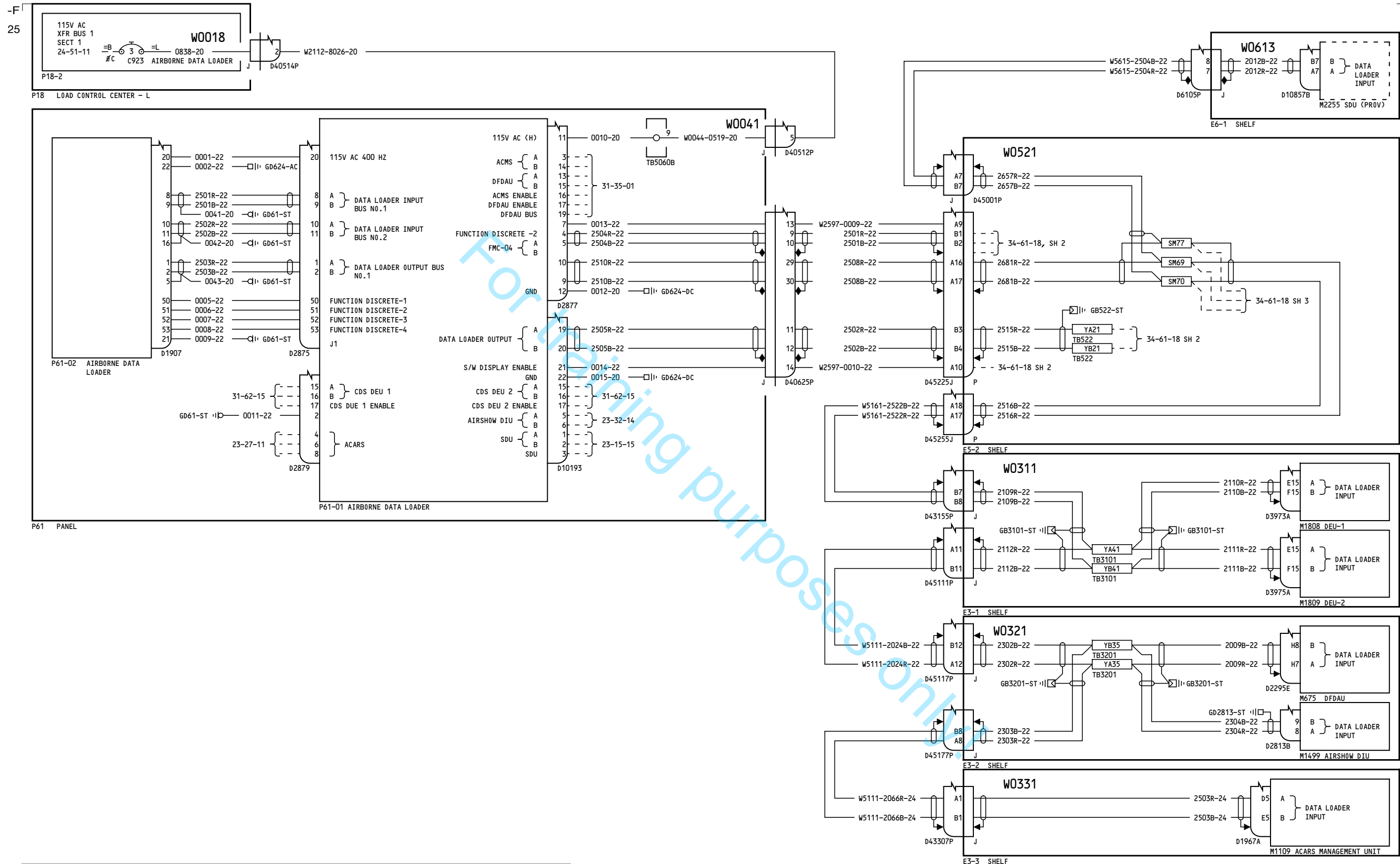
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YC051-YC058

FMCS/DATA LOADER  
INTERFACE

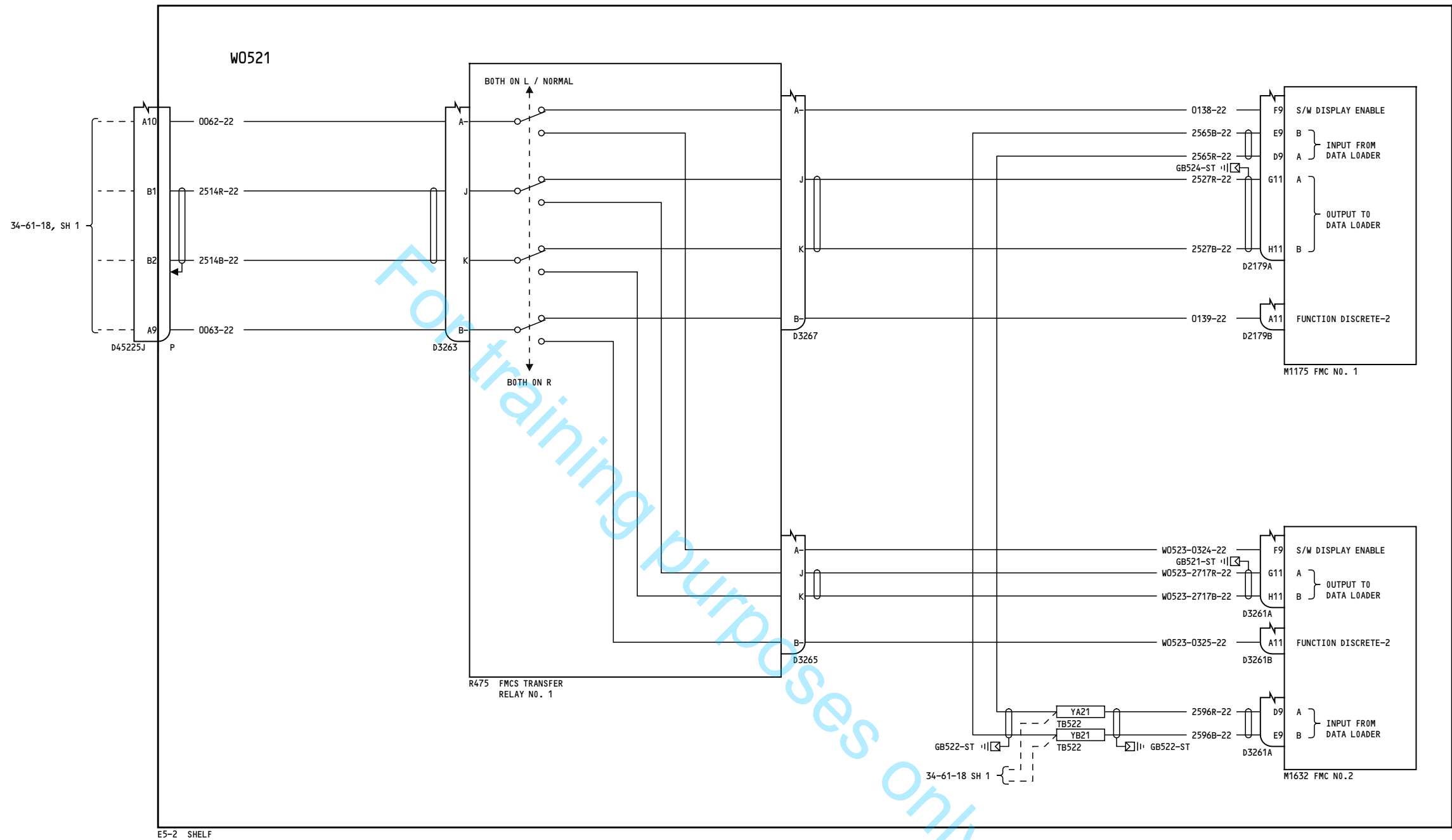
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YC051-YC058

FMCS/DATA LOADER  
INTERFACE

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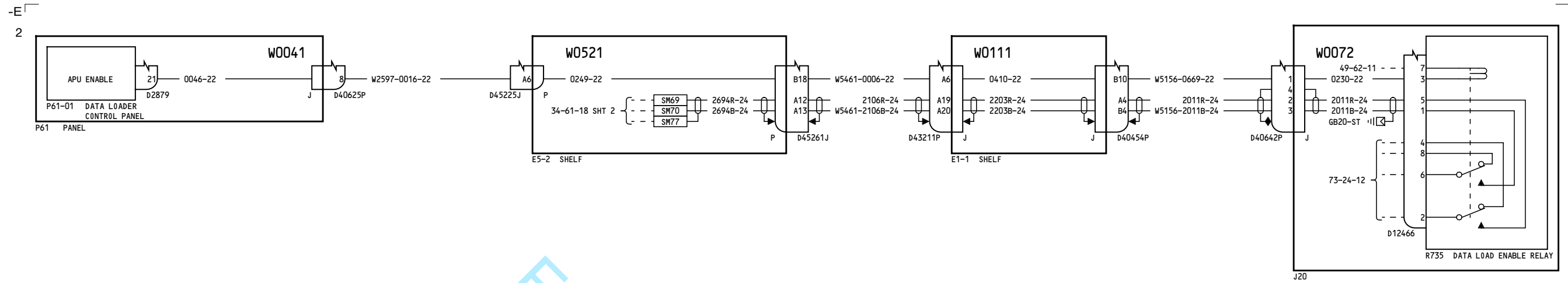
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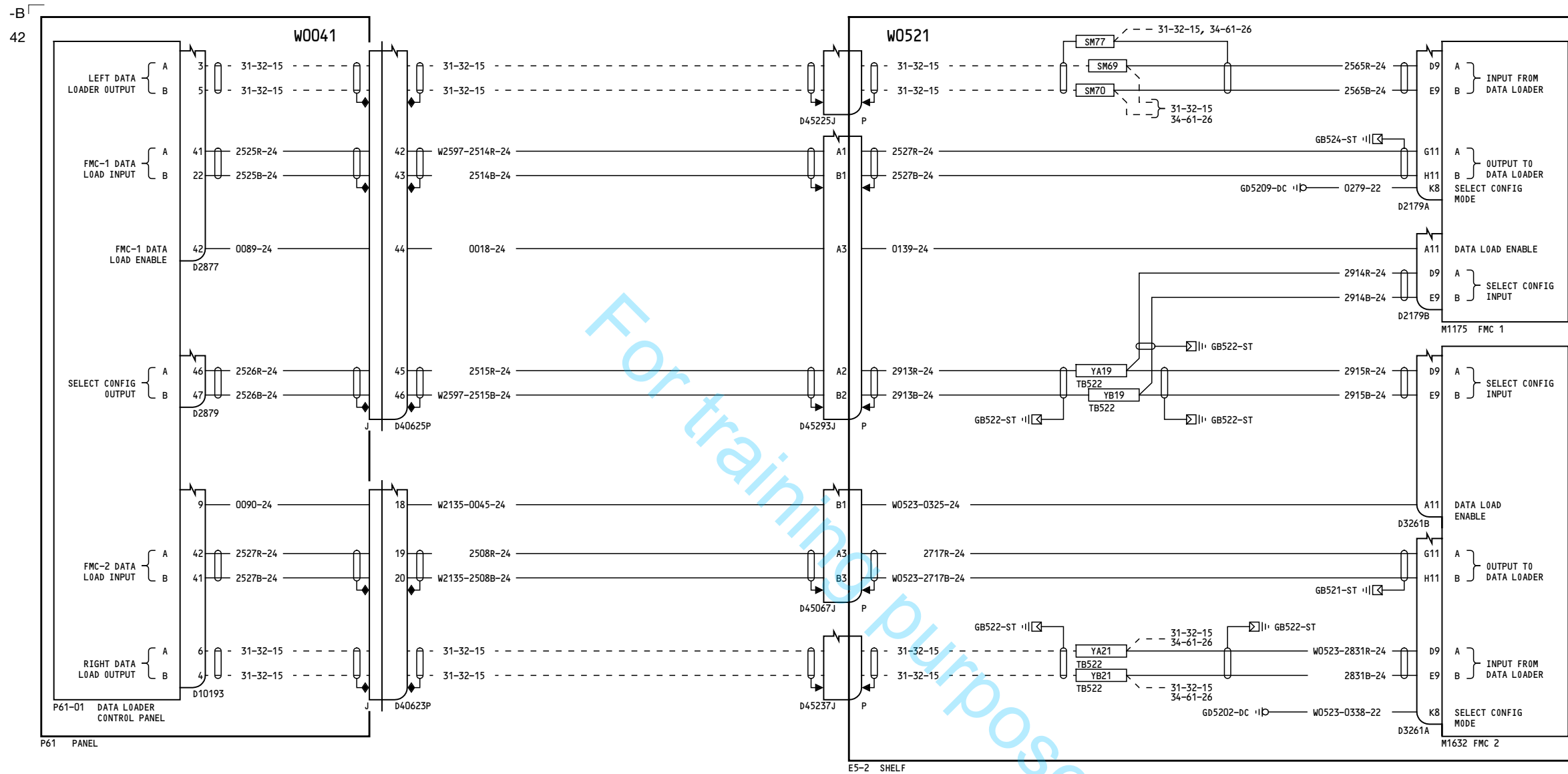
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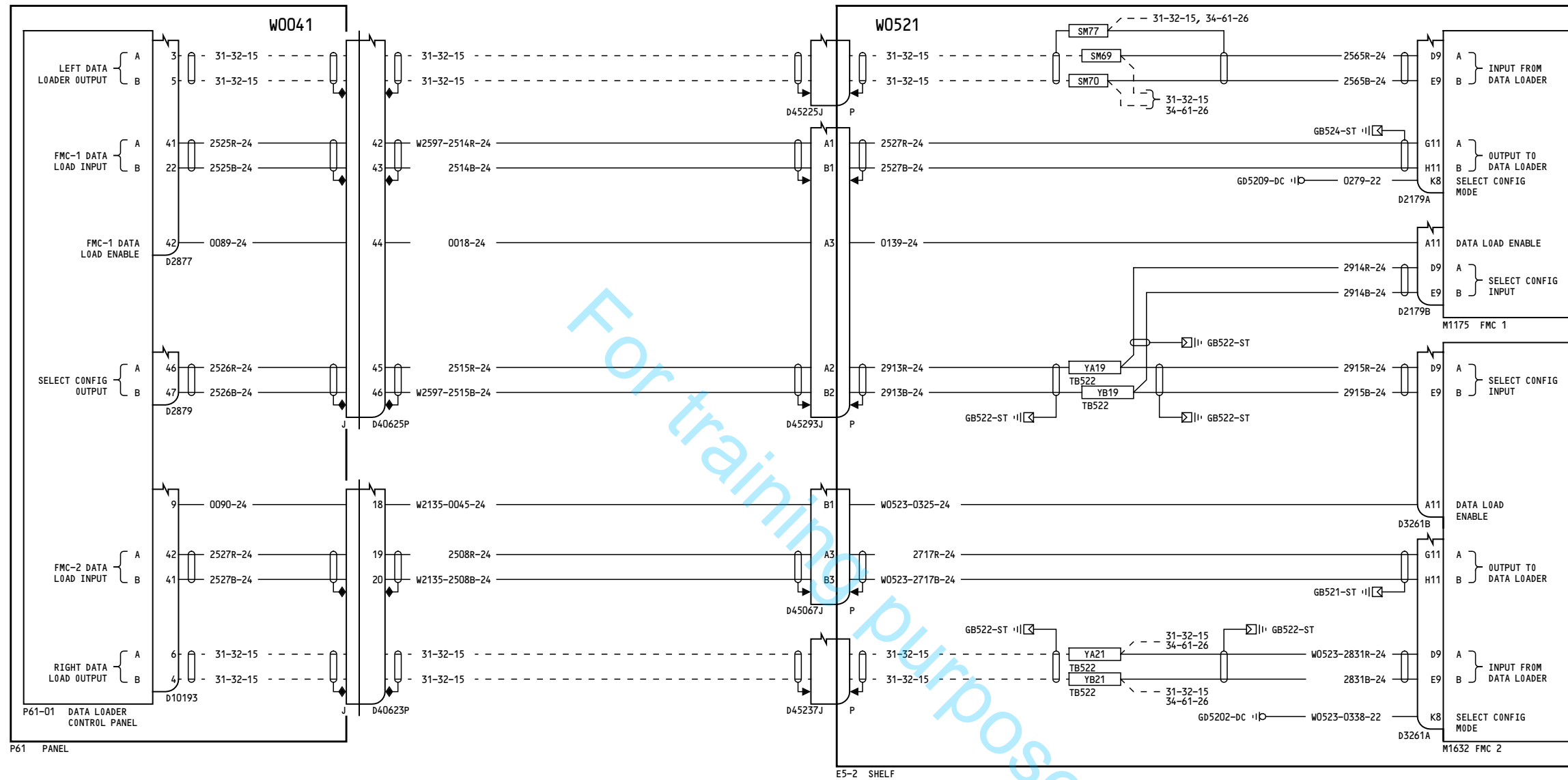




For training purposes only!



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YL951-YR328

FMCS/DATA LOADER  
INTERFACE

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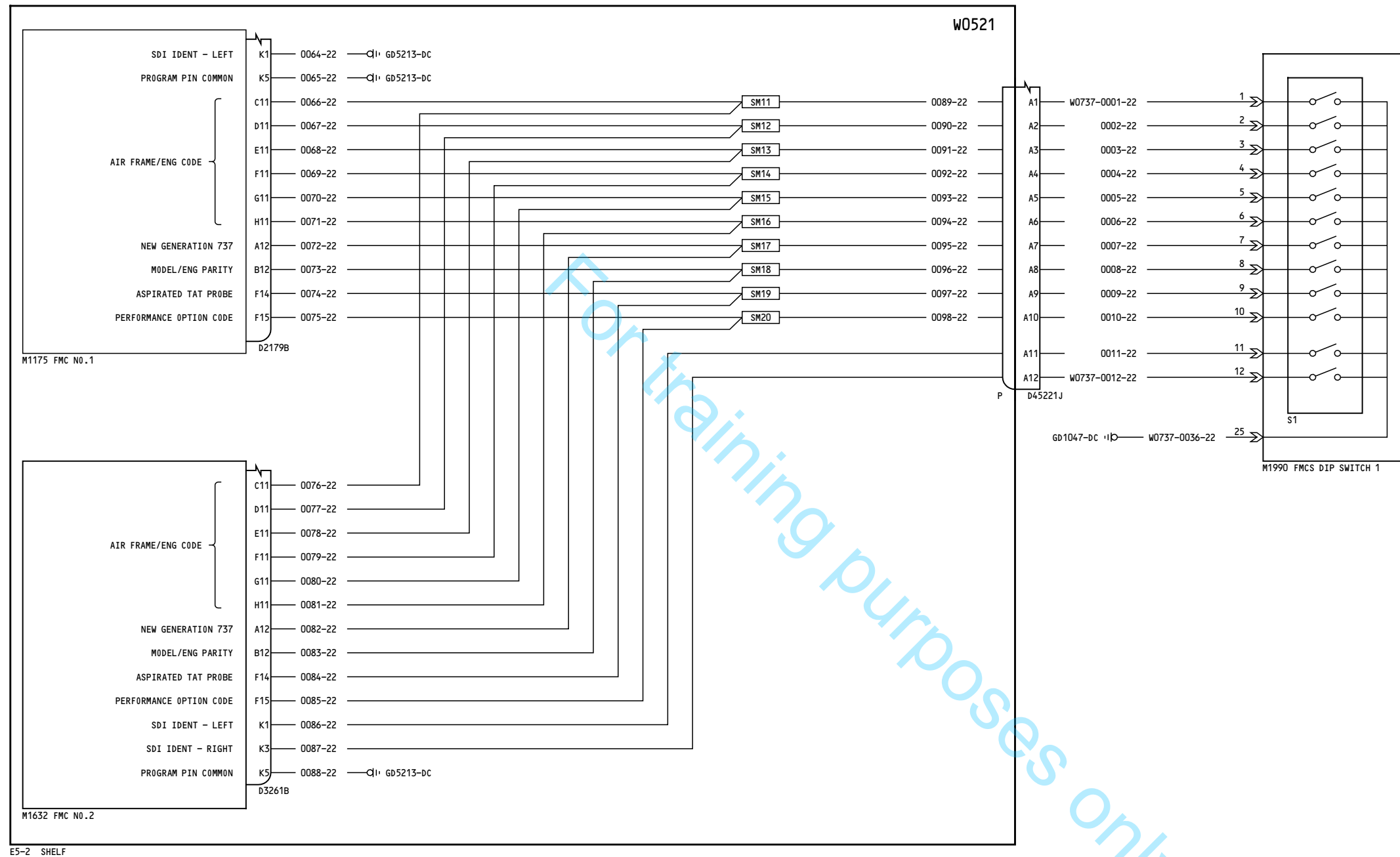
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	1
3	1
4	1
5	1
6	0
7	1
8	1
9	0
10	1
11	0
12	1

**NOTES:**

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

YC051-YC052

**FMCS PROGRAM PINS**

D280A108

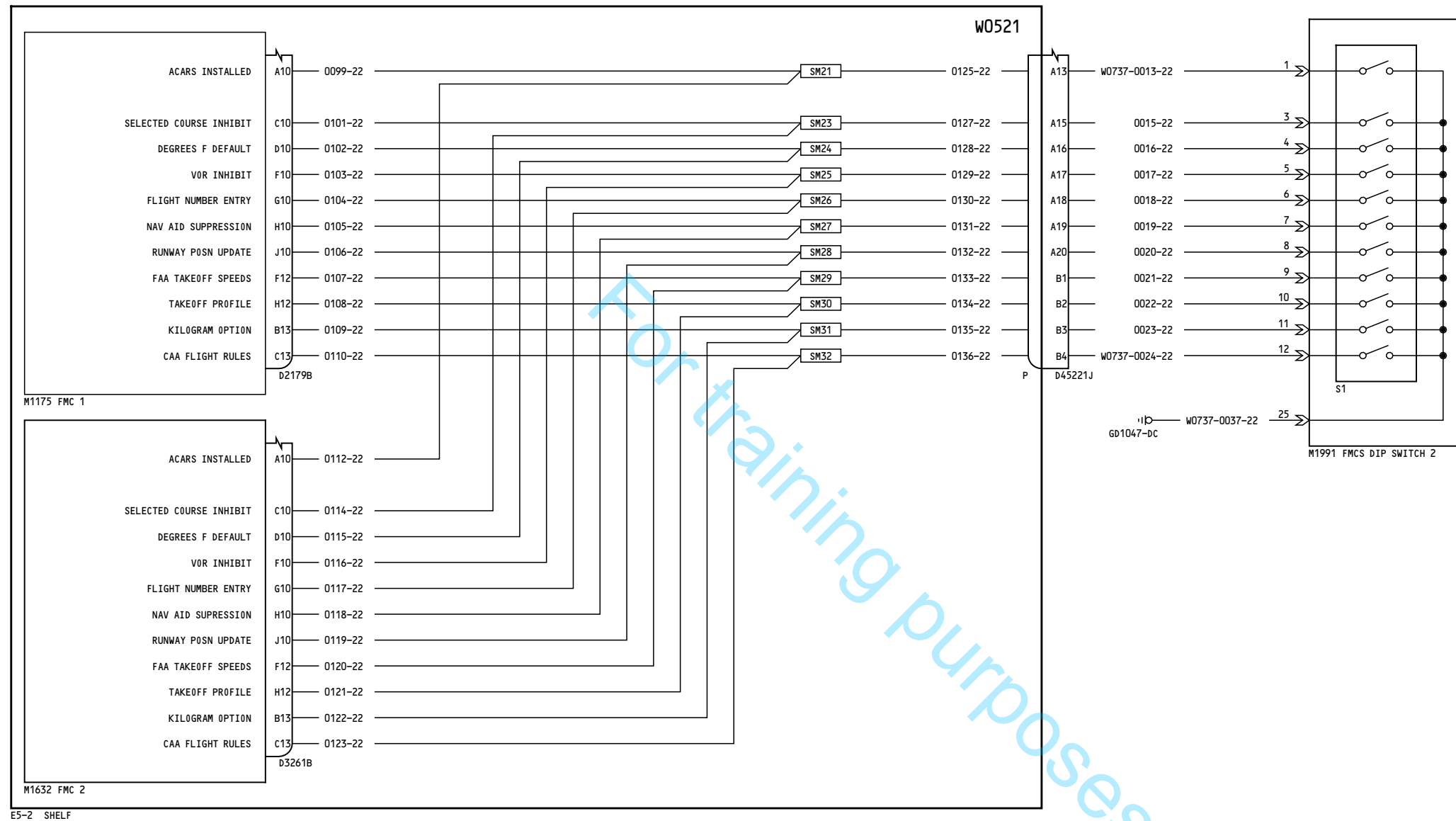
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC051-YC052

FMCS PROGRAM PINS

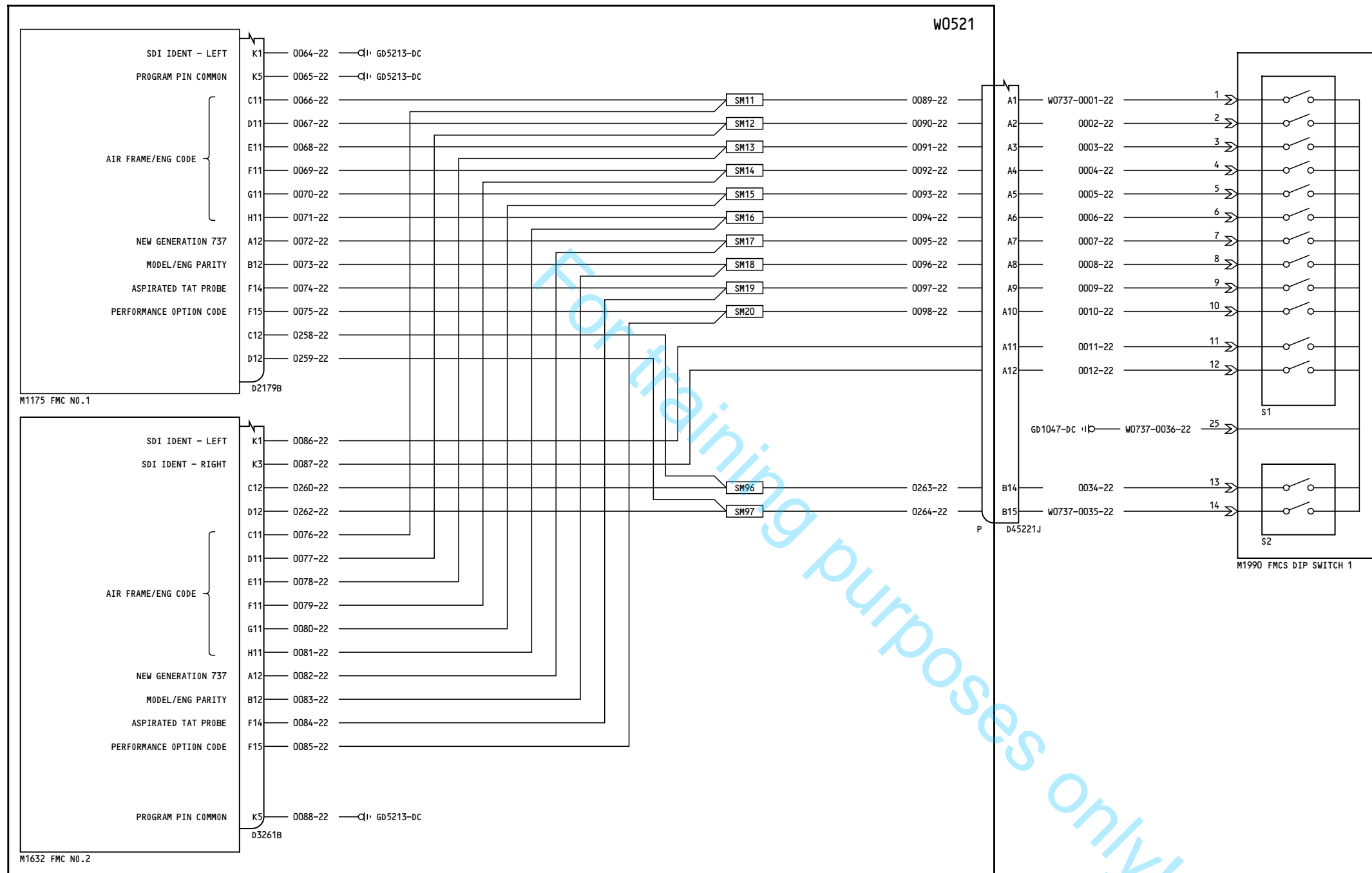
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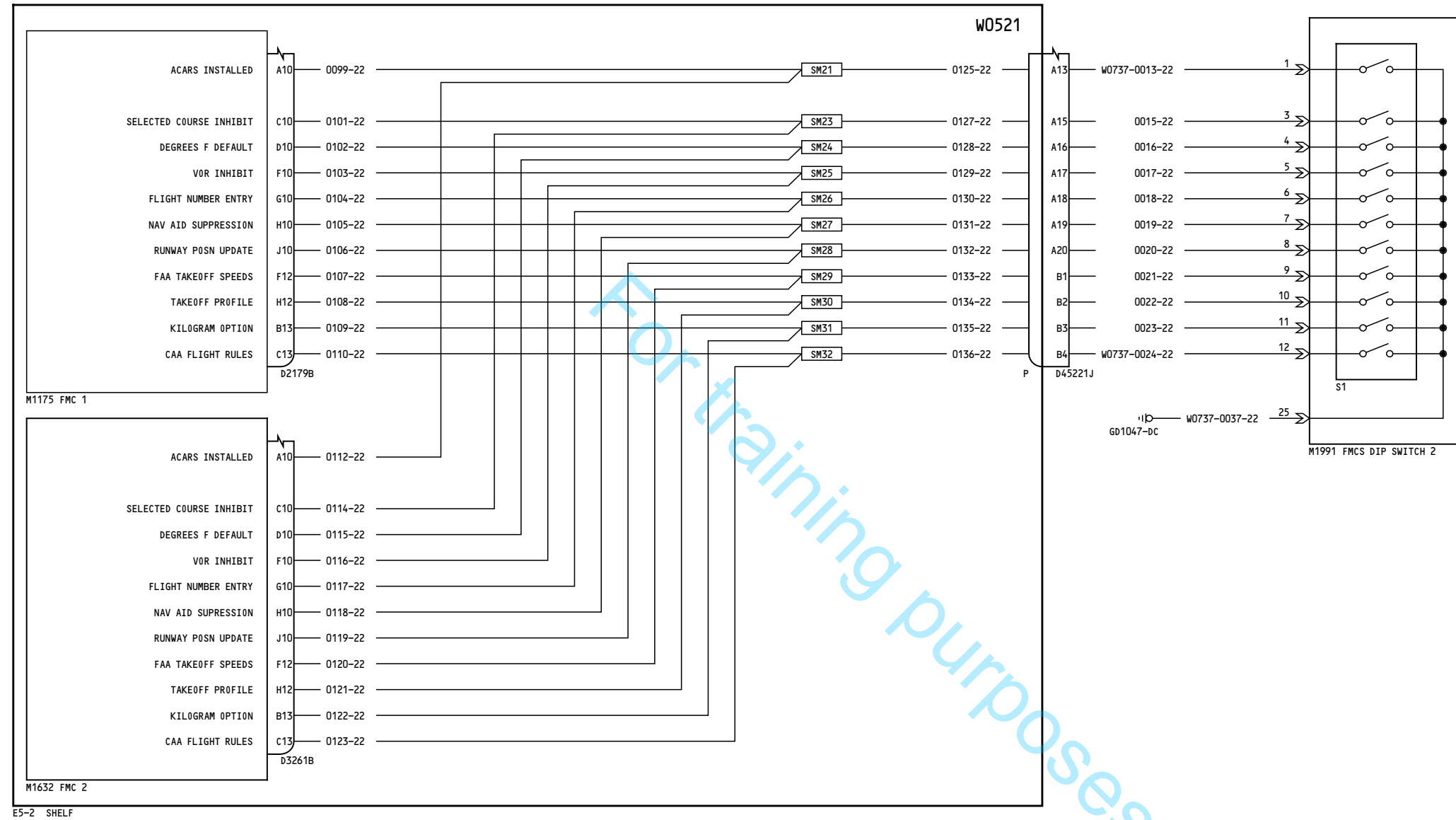
**DIP SWITCH SETTINGS**

SWITCH NO.	SWITCH POSITION
1	1
2	1
3	1
4	1
5	1
6	0
7	1
8	1
9	0
10	1
11	0
12	1
13	0
14	0

**NOTES:**

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

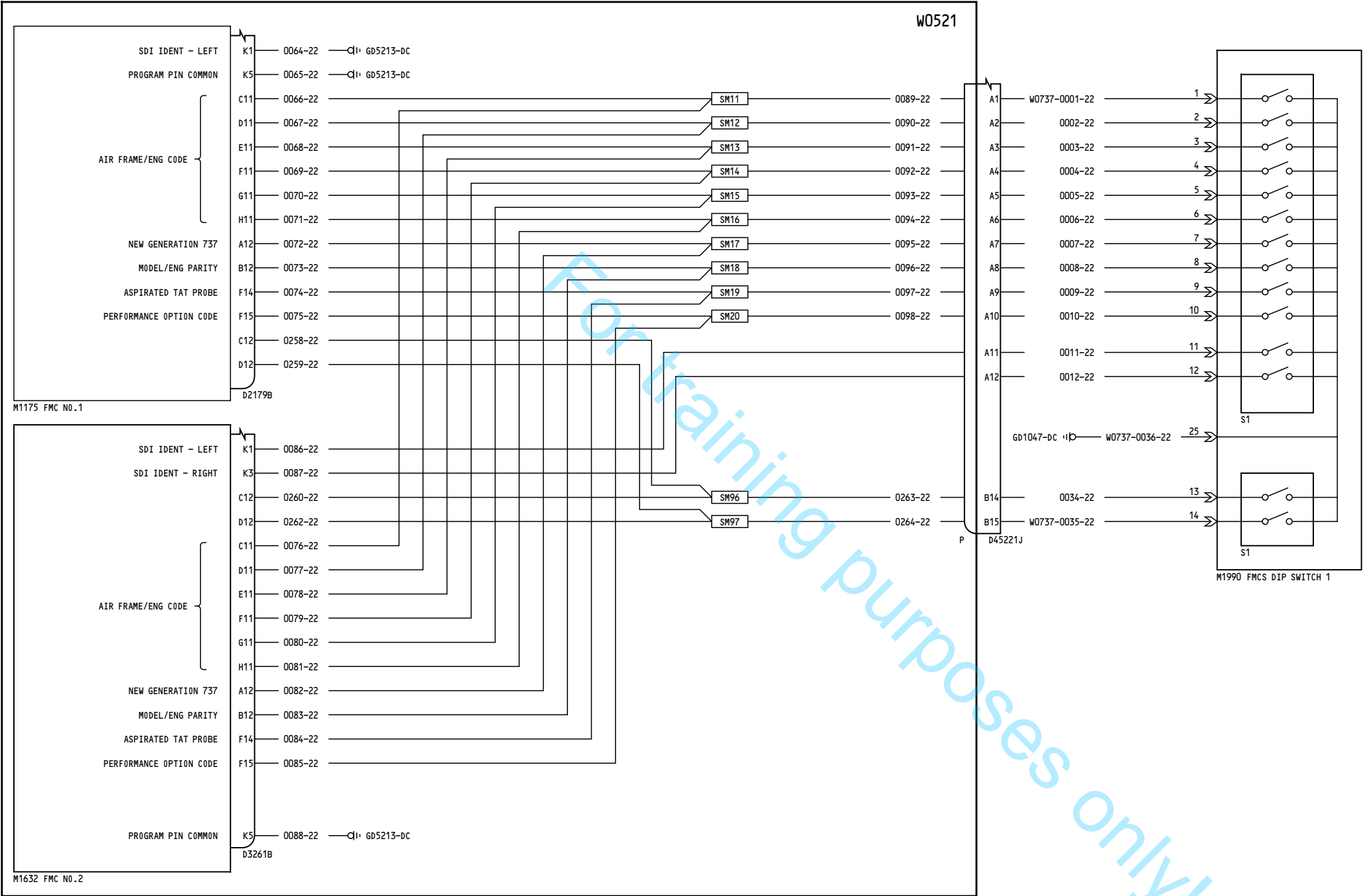
YC053-YC058	<b>FMCS PROGRAM PINS</b>
	D280A108



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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



DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

NOTES:

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

YC053, YC055

FMCS PROGRAM PINS

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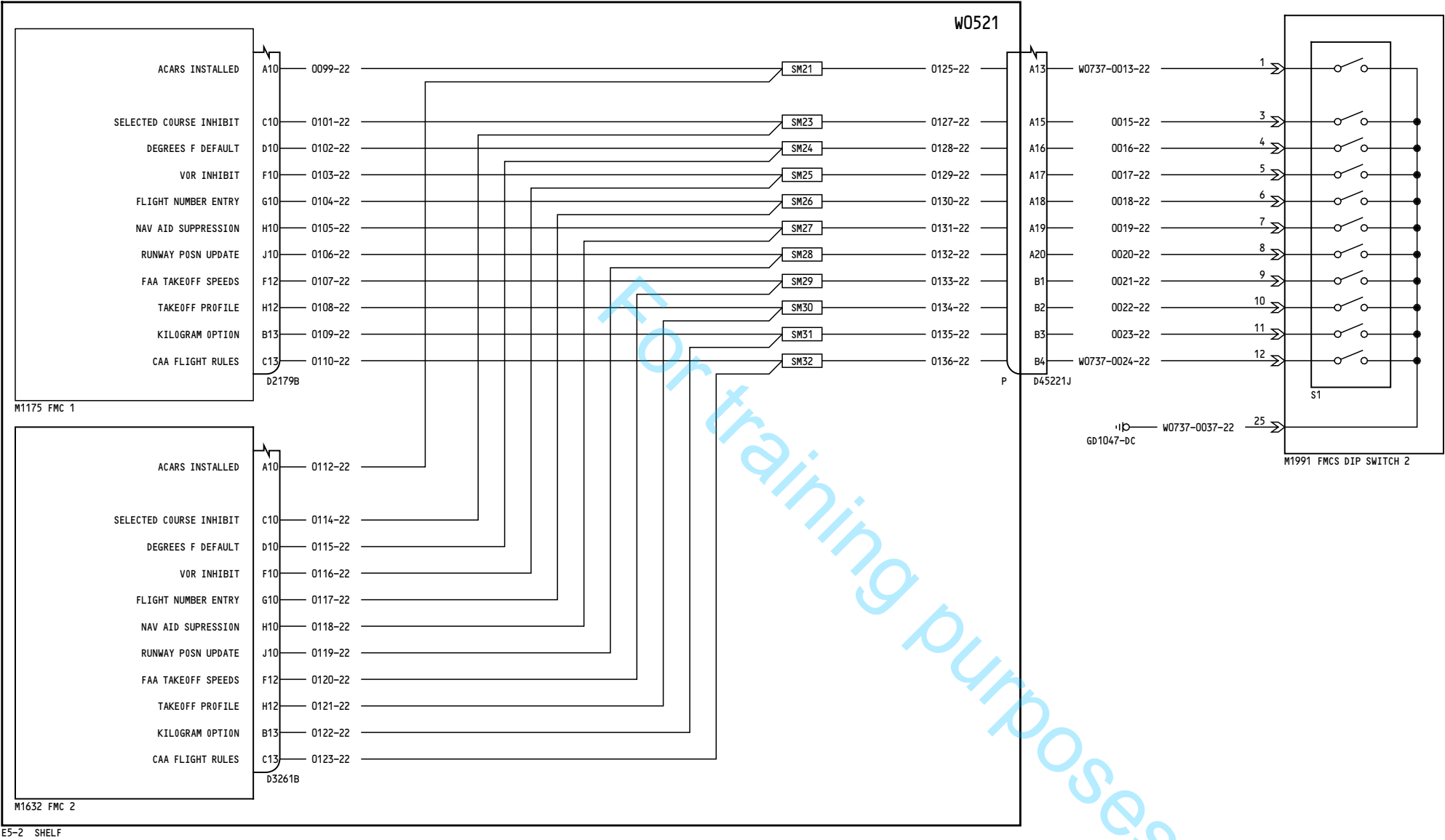
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC053, YC055

FMCS PROGRAM PINS

D280A108

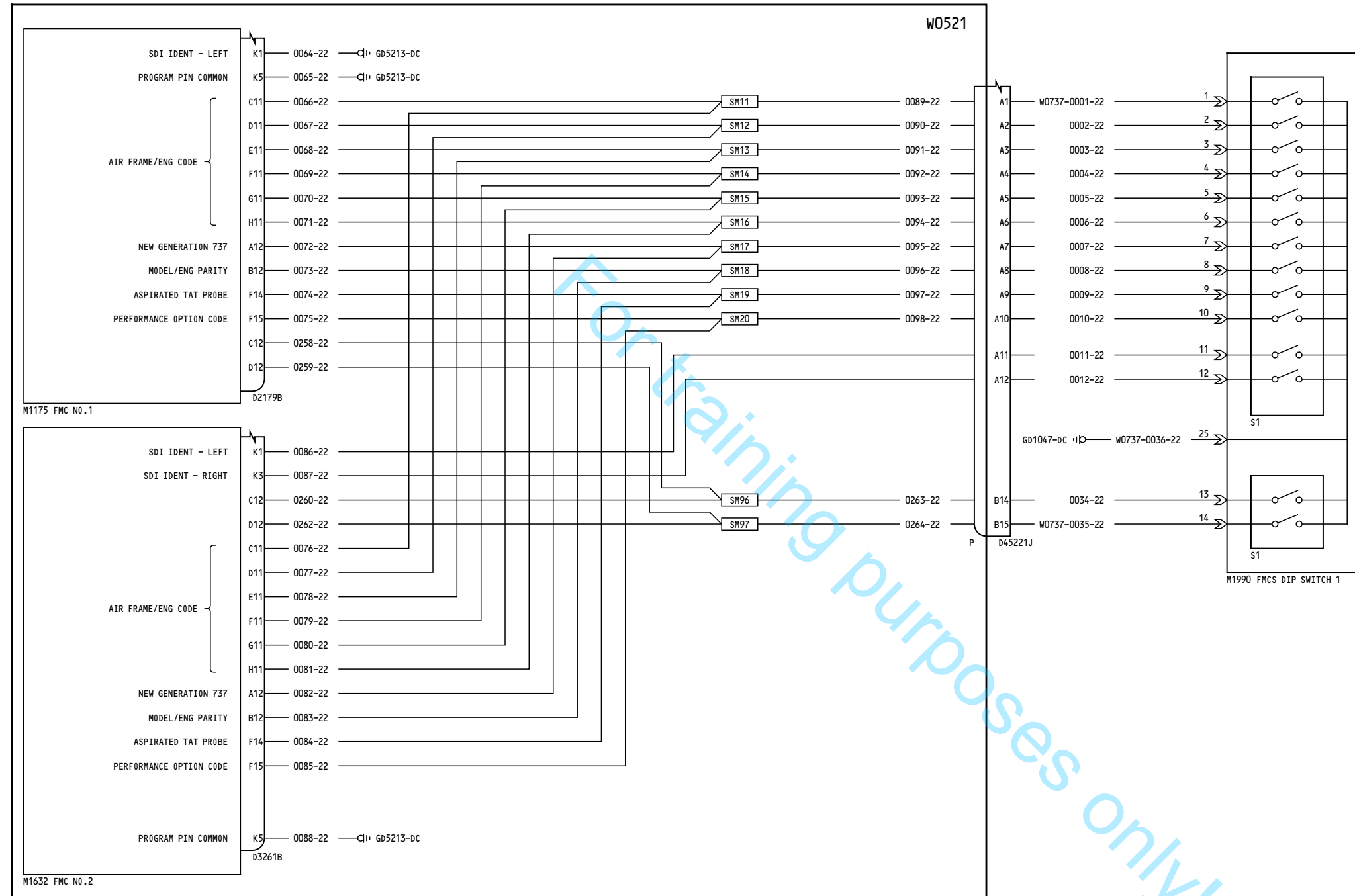
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**DIP SWITCH SETTINGS**

SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

**NOTES:**

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

YC054, YC056

**FMCS PROGRAM PINS**

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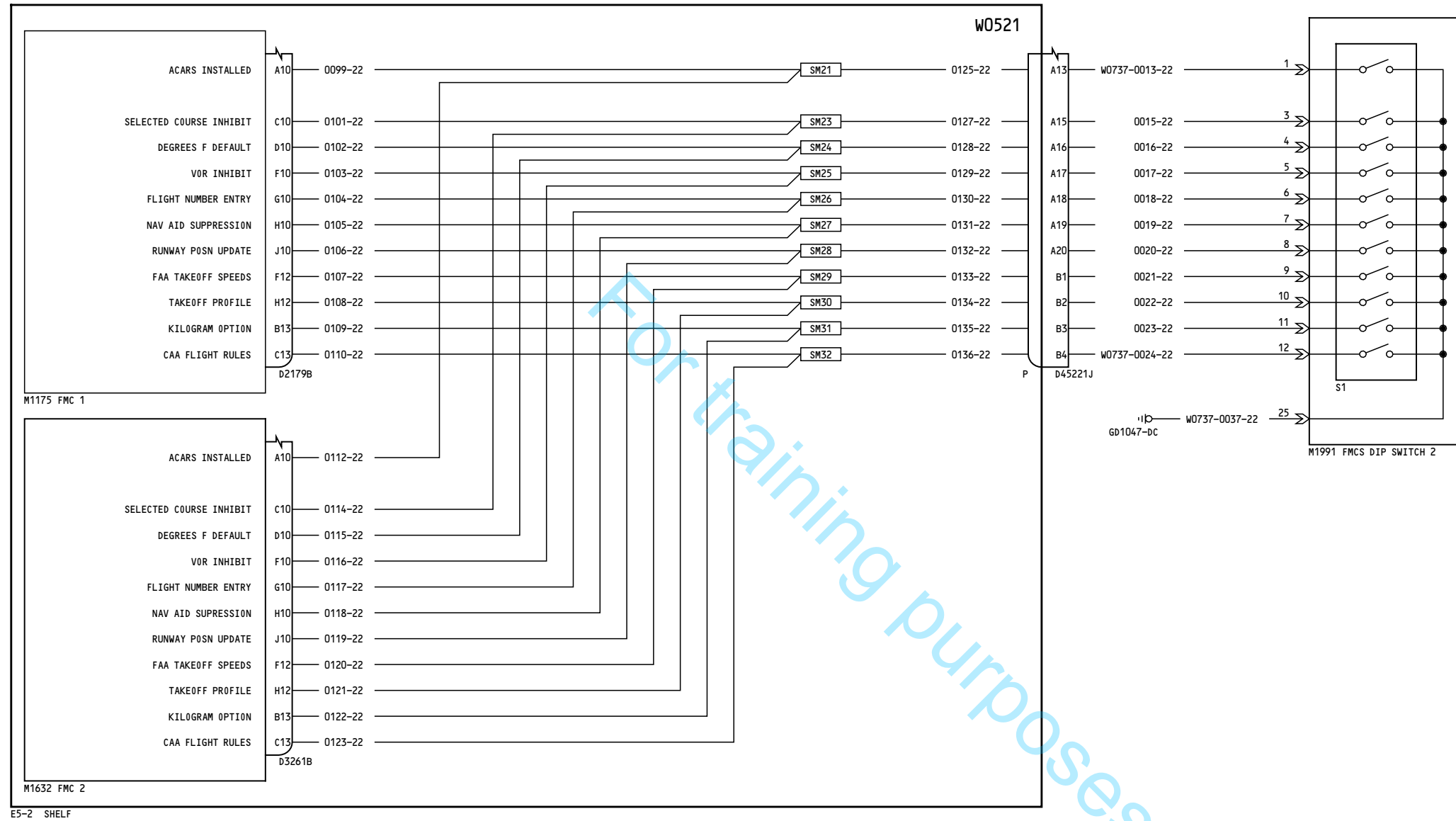
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

**NOTES:**

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

YC054, YC056

**FMCS PROGRAM PINS**

D280A108

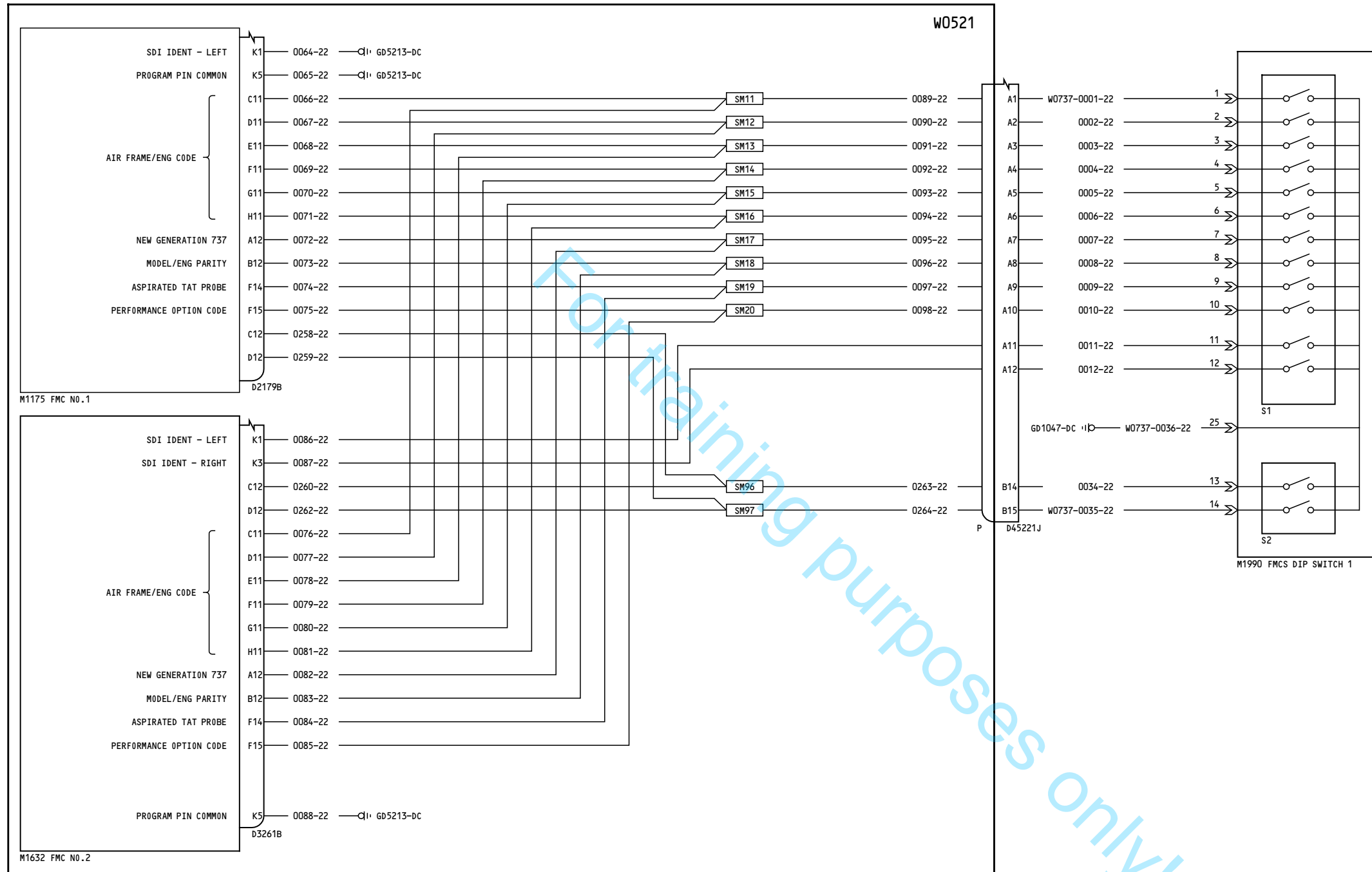
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**DIP SWITCH SETTINGS**

SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

**NOTES:**

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

YC057-YC058

**FMCS PROGRAM PINS**

D280A108

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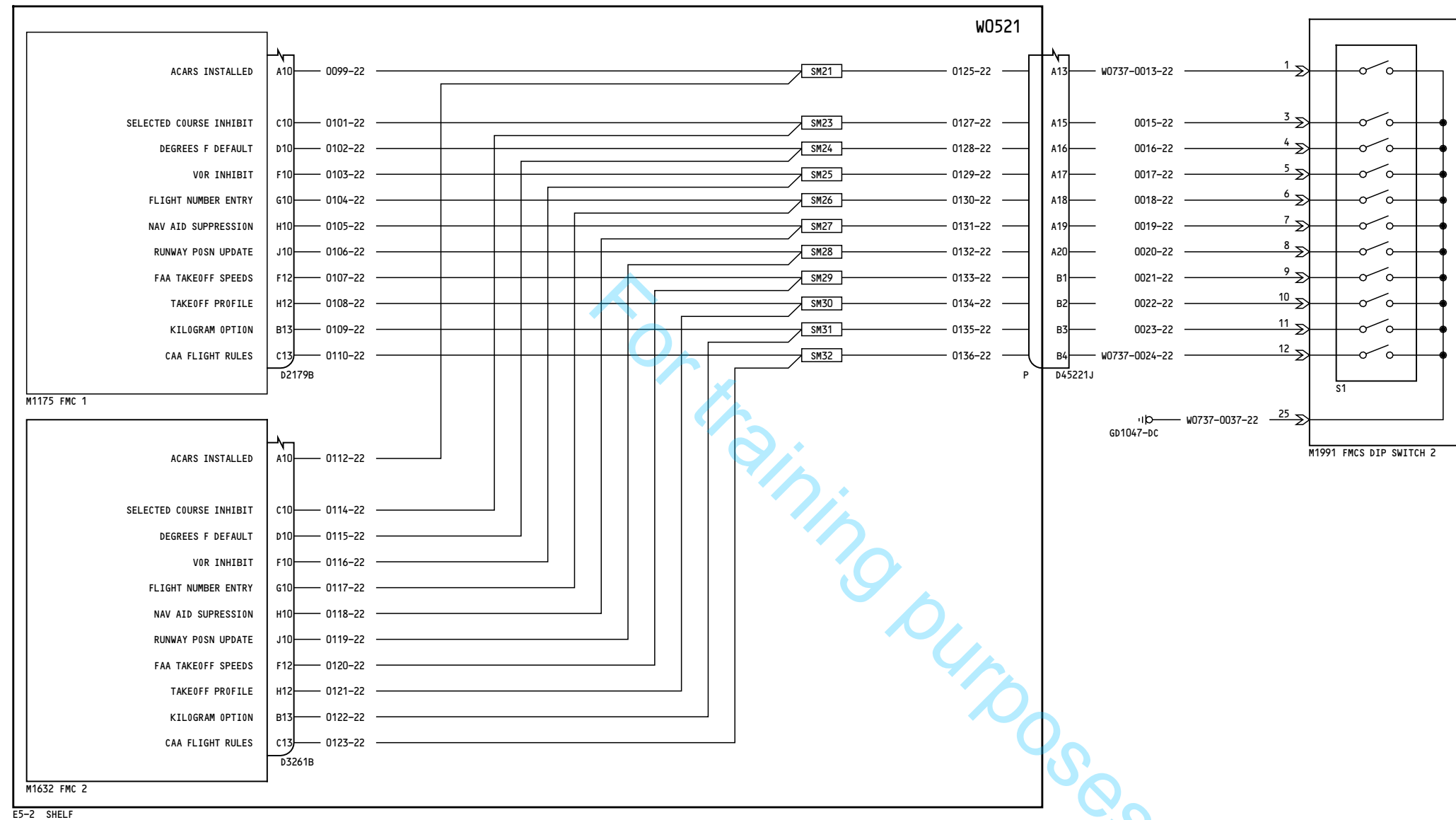
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NOTES:

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

YC057-YC058

FMCS PROGRAM PINS

D280A108

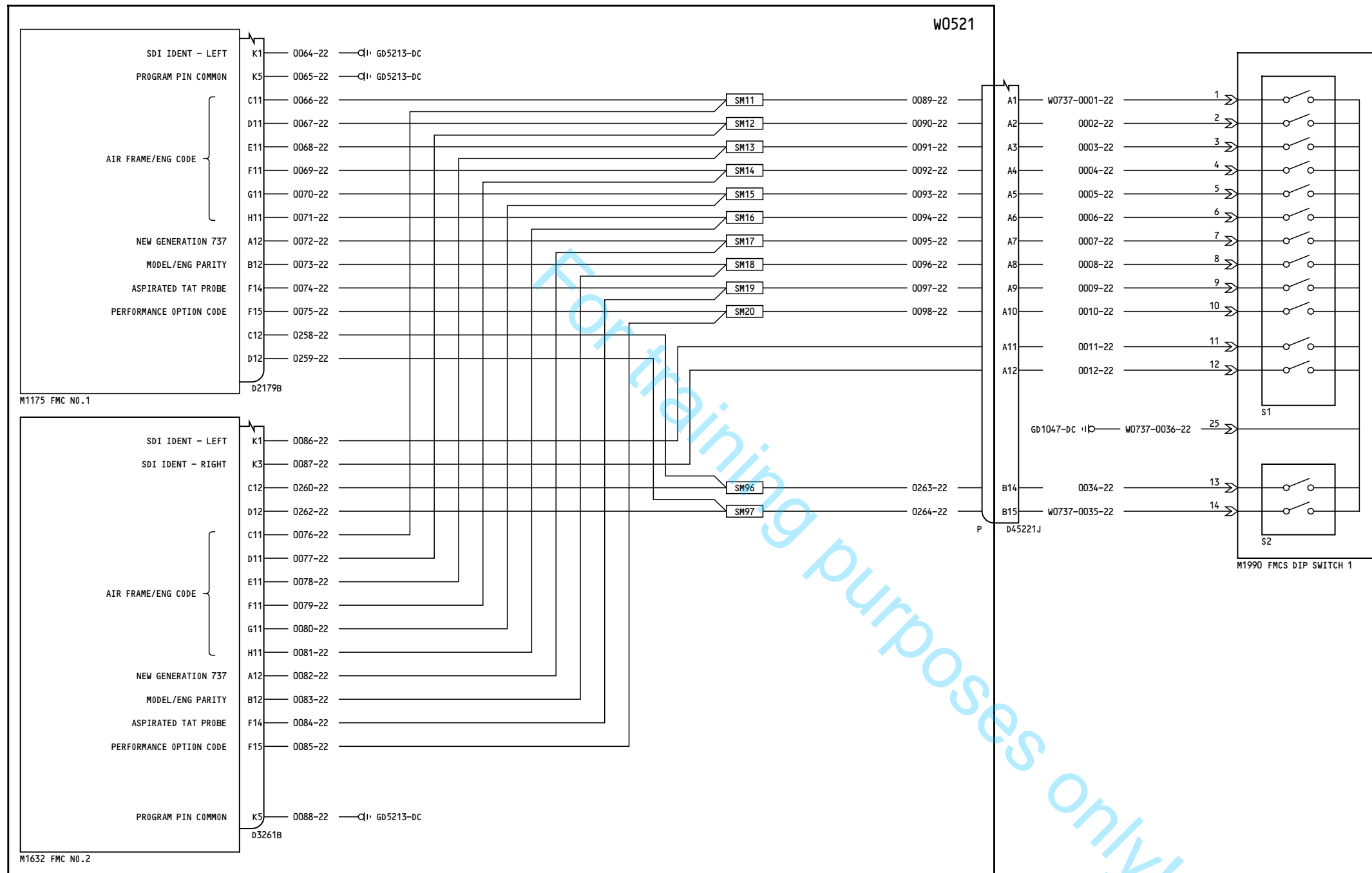
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	0
2	1
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	0
12	1
13	0
14	0

**NOTES:**

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

YC059-YC065

**FMCS PROGRAM PINS**

D280A108

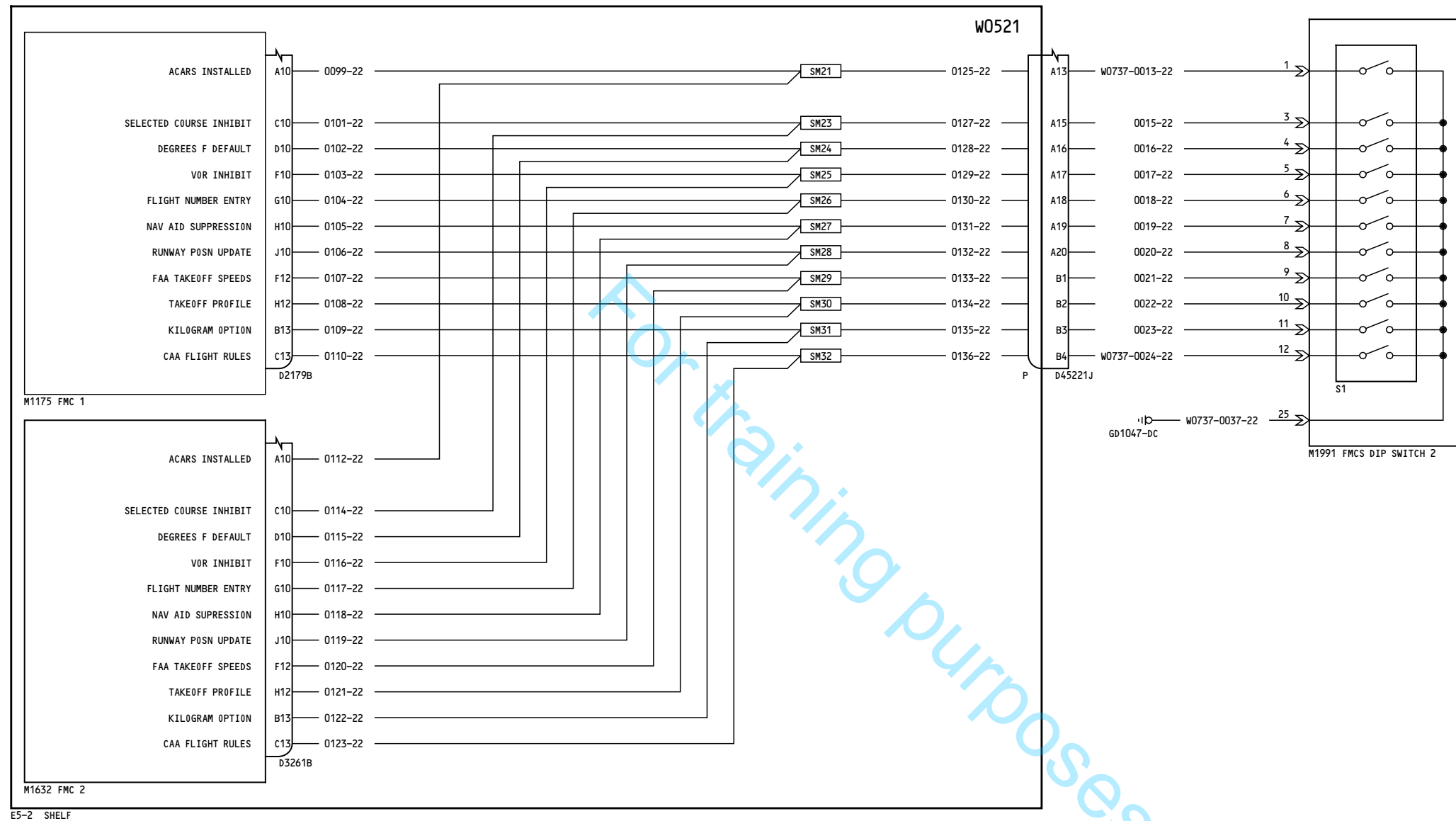
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC059-YC065

FMCS PROGRAM PINS

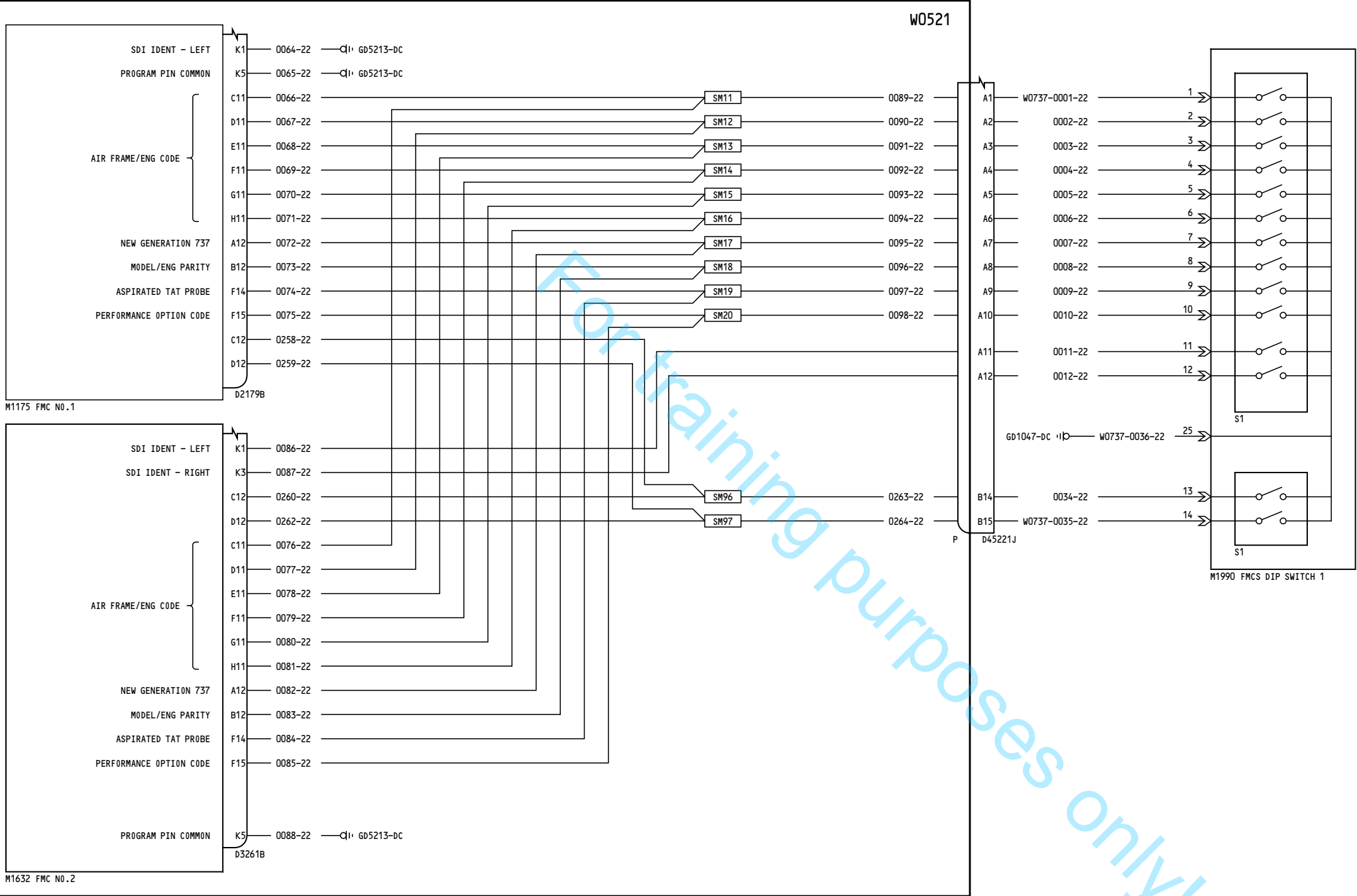
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DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

NOTES:

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

YC059

FMCS PROGRAM PINS

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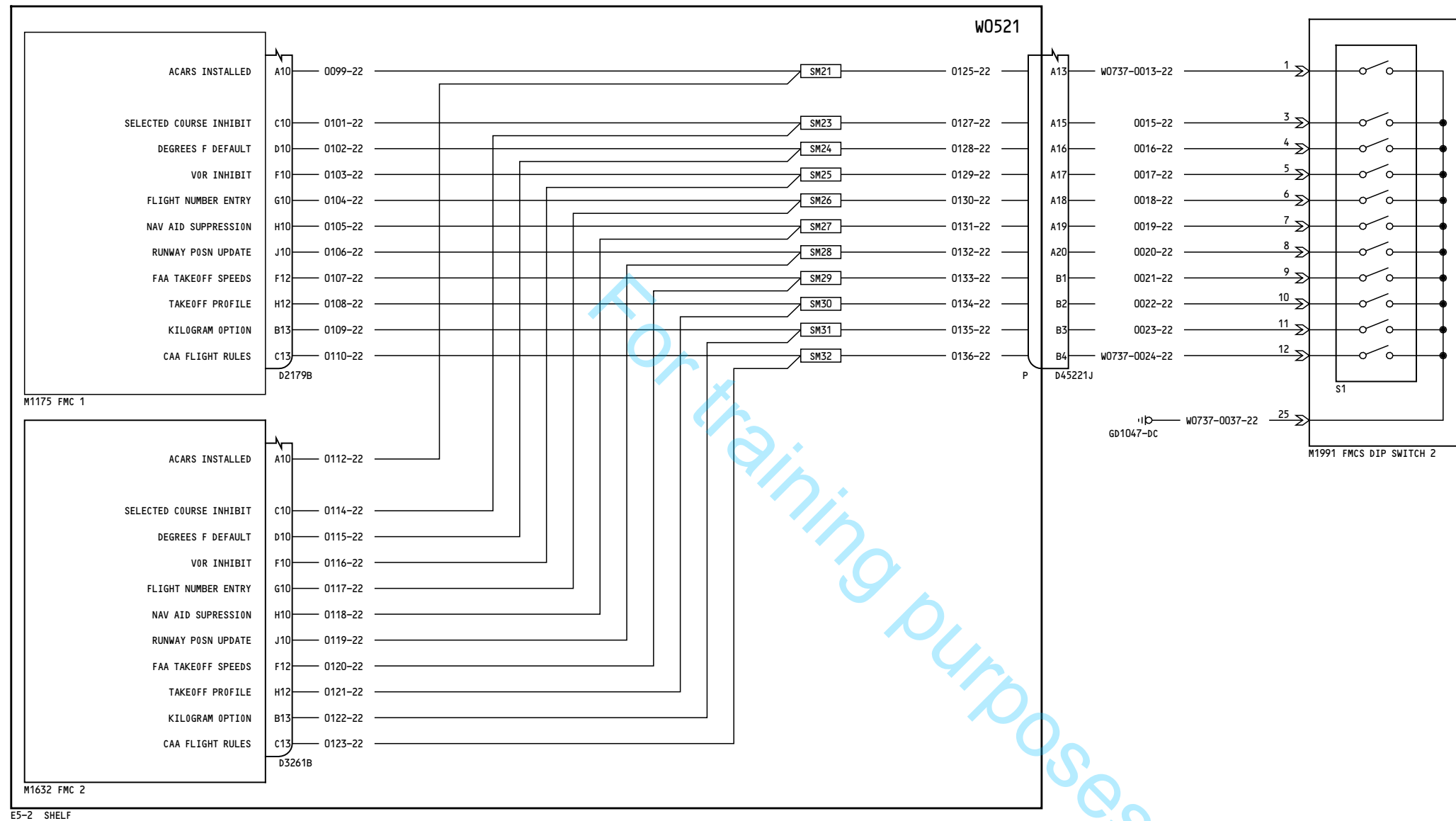
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC059

FMCS PROGRAM PINS

D280A108

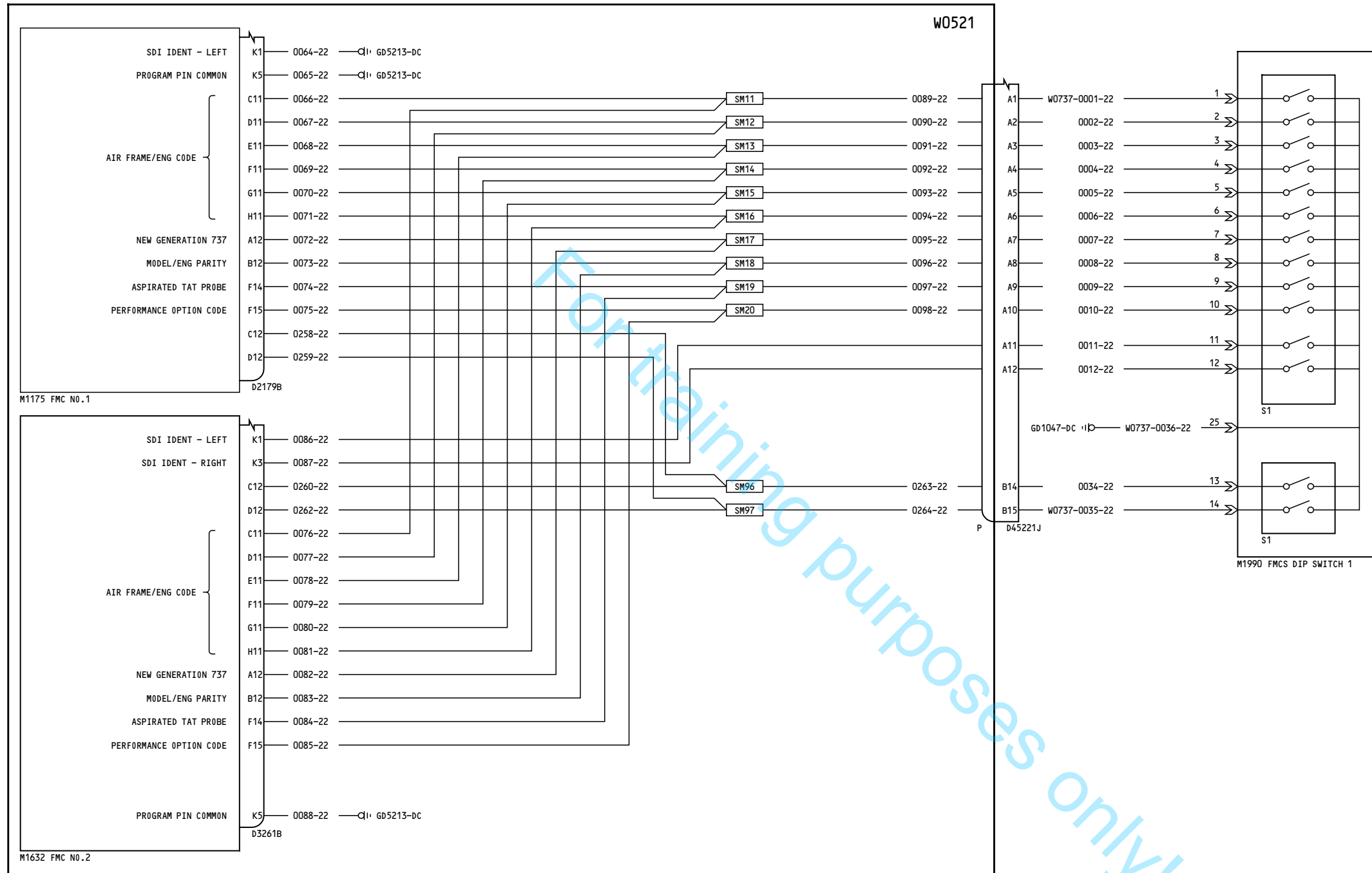
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DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

**NOTES:**

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

YC062, YC064

**FMCS PROGRAM PINS**

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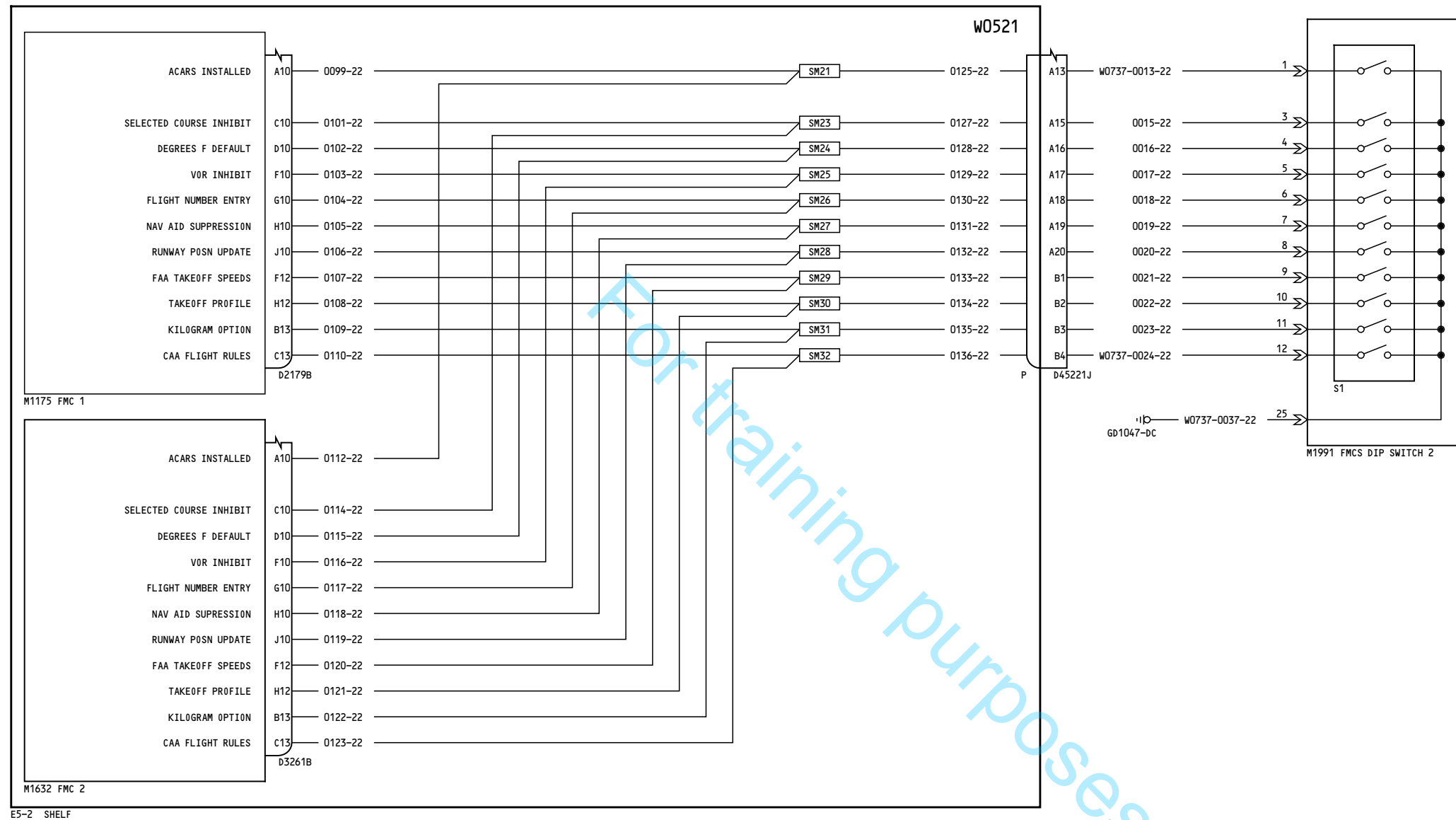
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC062, YC064

FMCS PROGRAM PINS

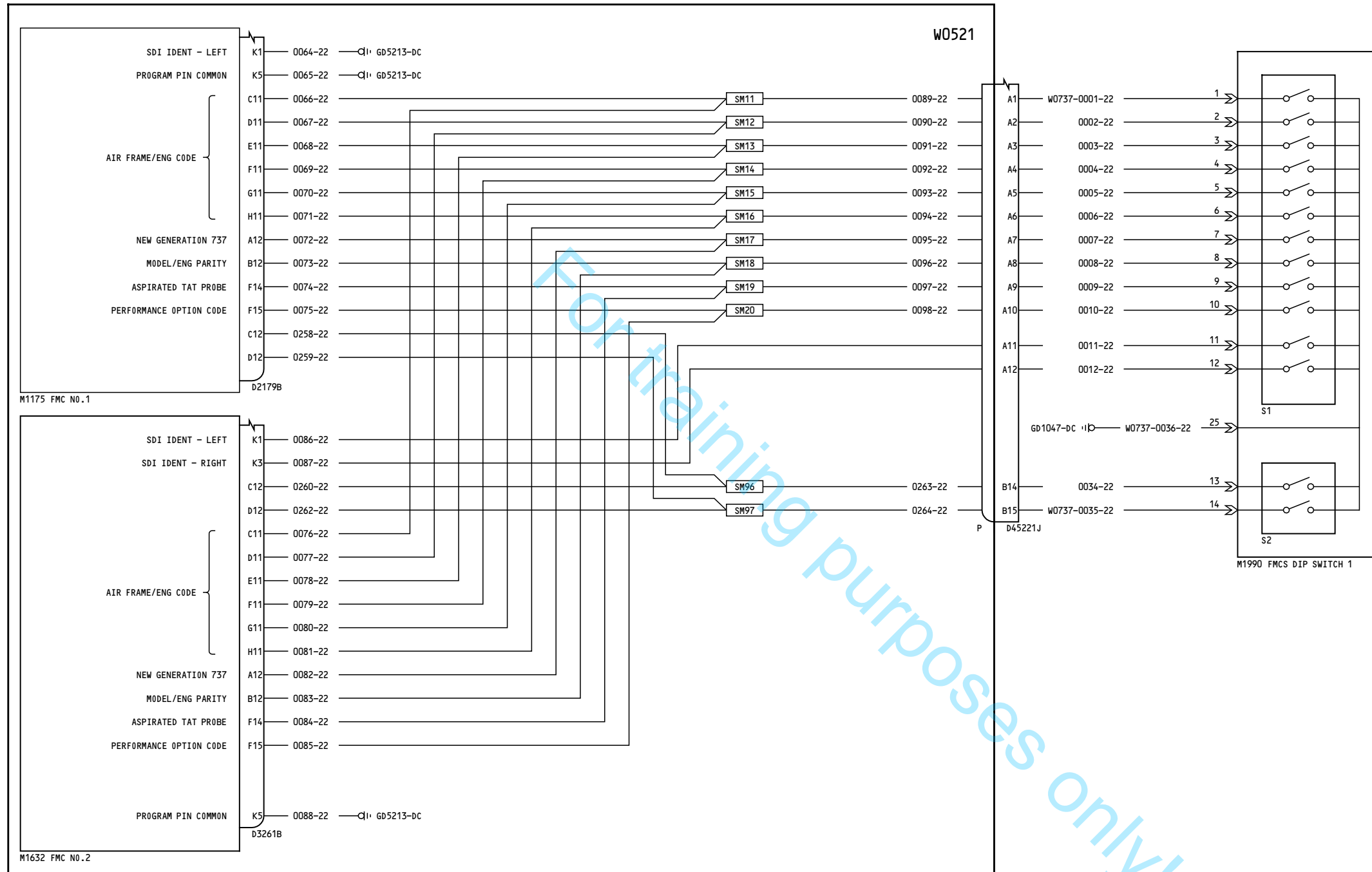
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	0
2	0
3	1
4	1
5	0
6	1
7	1
8	0
9	0
10	1
11	0
12	1
13	1
14	0

**NOTES:**

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

YC067-YD151

**FMCS PROGRAM PINS**

**34-61-19**

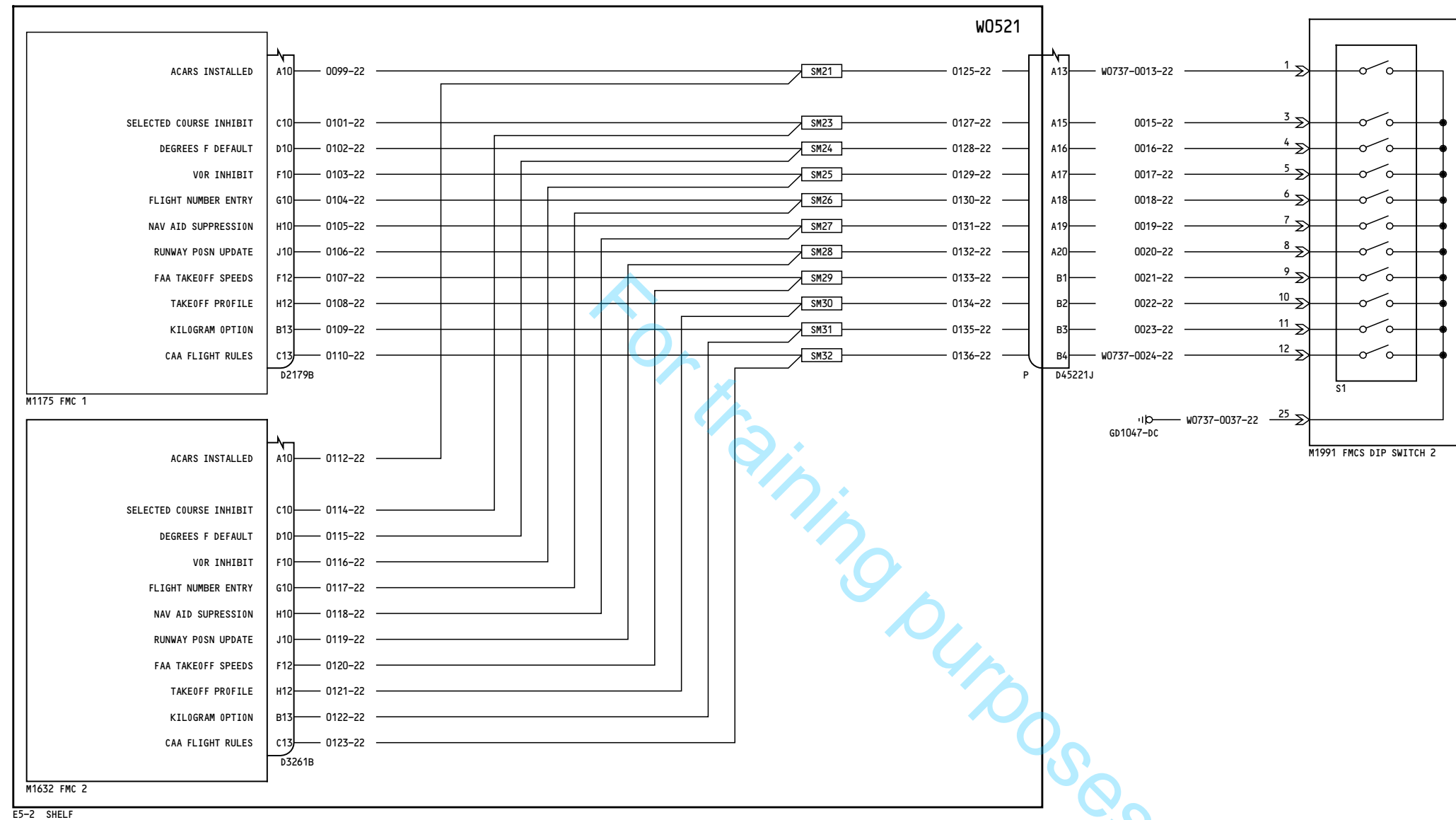
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YC067-YD151

FMCS PROGRAM PINS

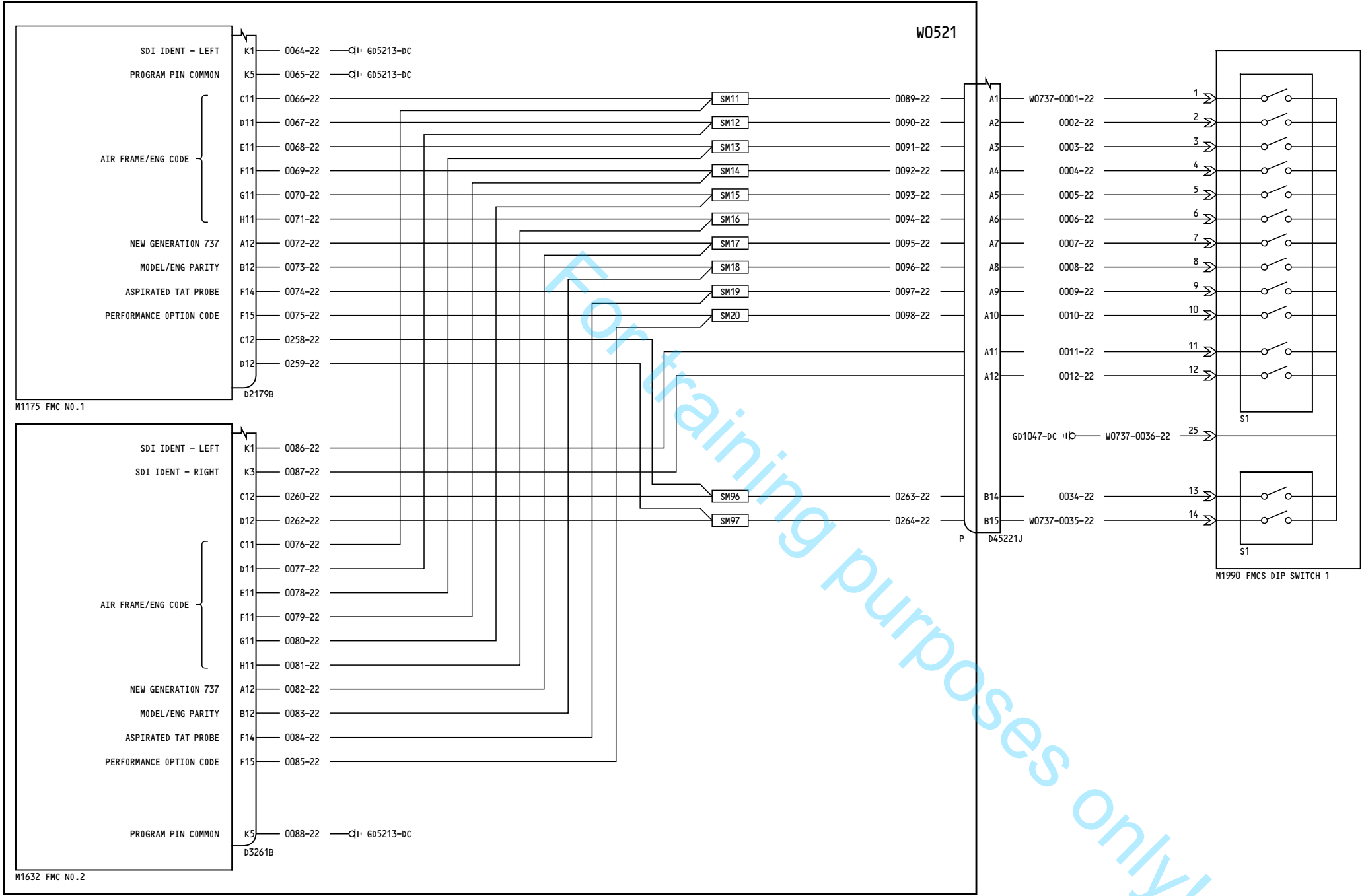
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**DIP SWITCH SETTINGS**

SWITCH NO.	SWITCH POSITION	
	7B27	7B26
1	0	1
2	0	0
3	1	0
4	1	1
5	0	0
6	1	1
7	1	1
8	0	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0

**NOTES:**

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

YC067-YD151

**FMCS PROGRAM PINS**

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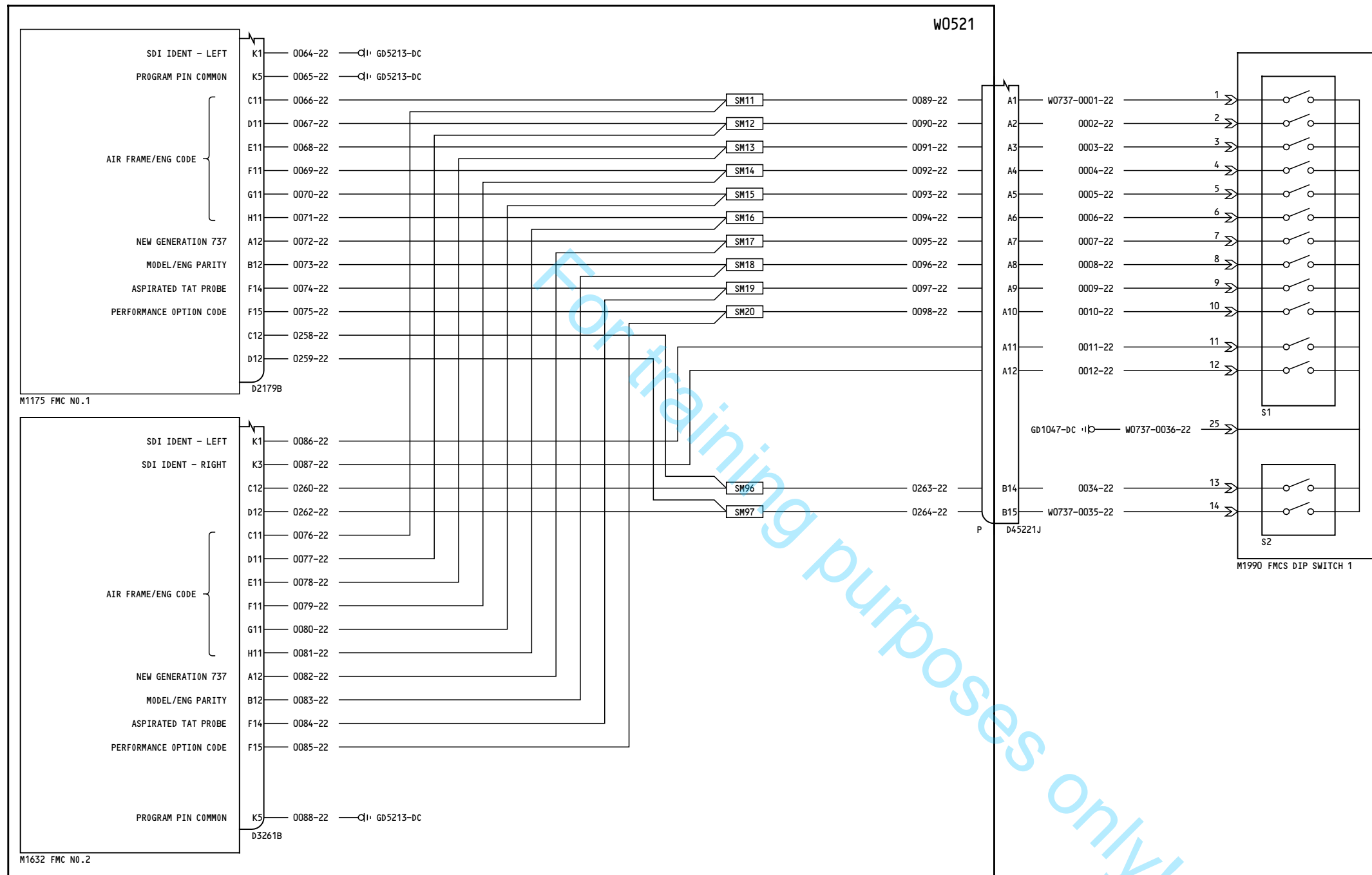
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	0
3	0
4	1
5	0
6	1
7	1
8	0
9	0
10	1
11	0
12	1
13	1
14	0

**NOTES:**

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

YD152-YD154

**FMCS PROGRAM PINS**

D280A108

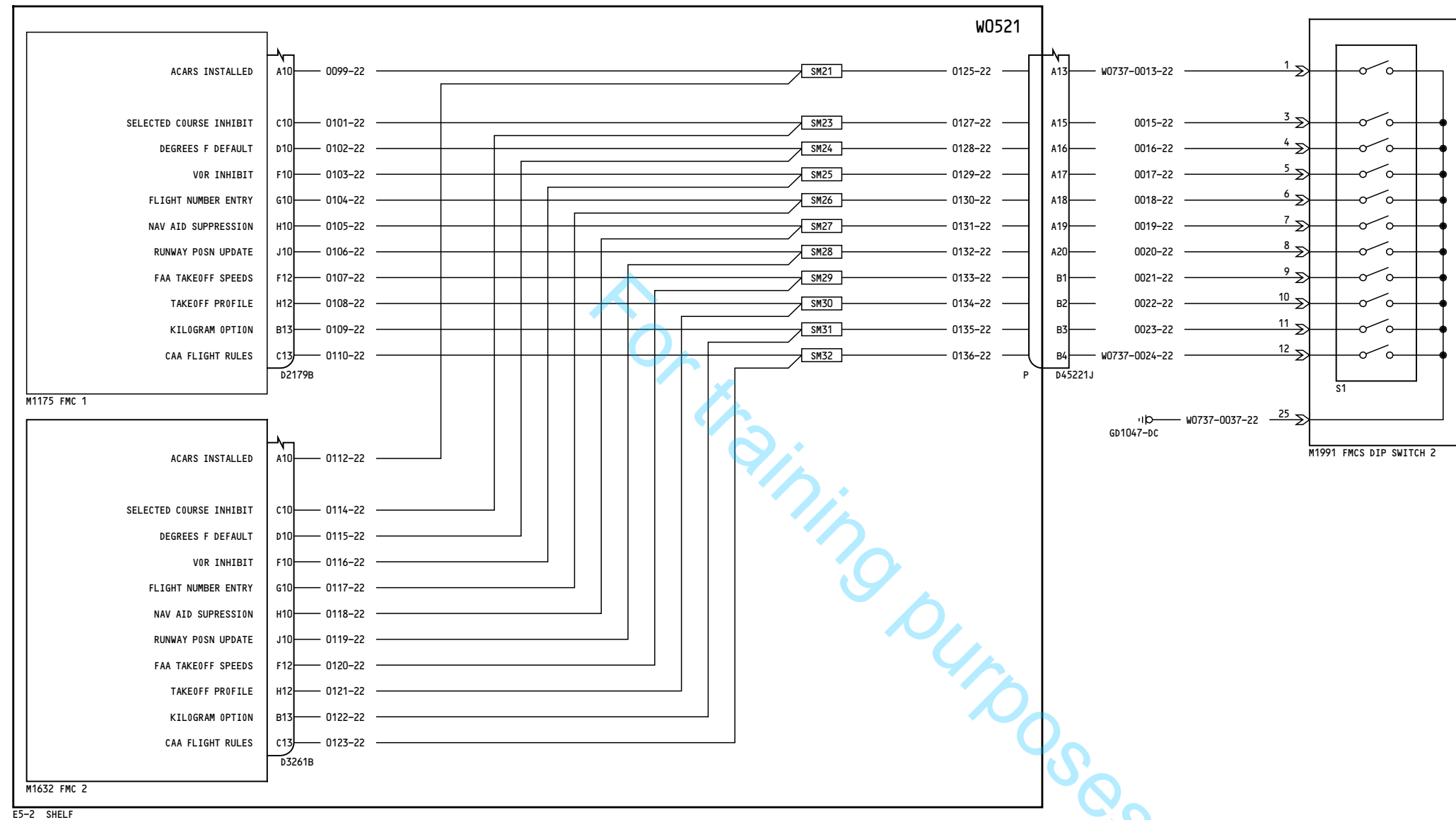
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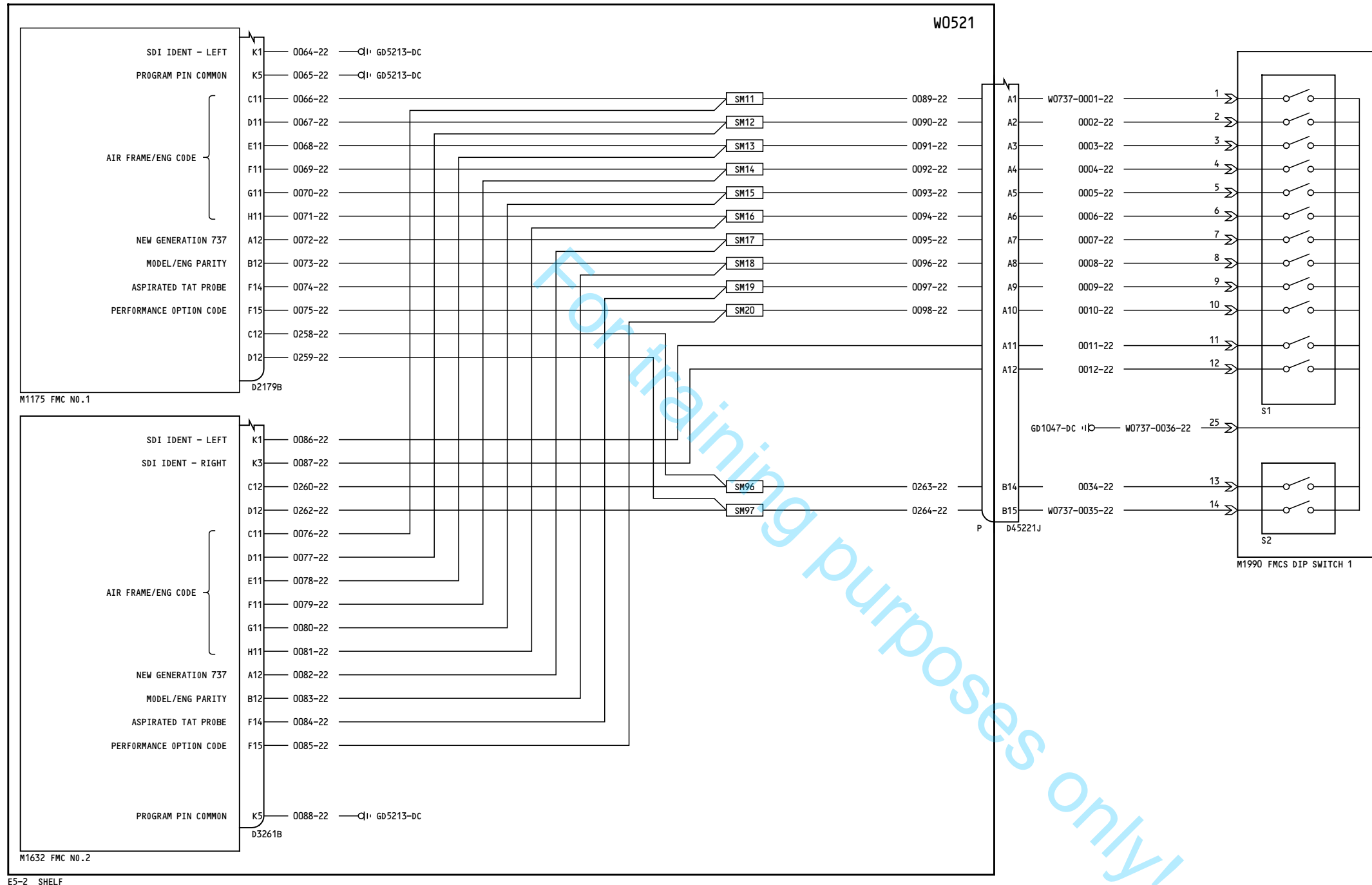
DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YD152-YD154	FMCS PROGRAM PINS
	D280A108





DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	0
3	0
4	1
5	0
6	1
7	1
8	0
9	0
10	1
11	0
12	1
13	1
14	0

**NOTES:**

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

YD155-YD157

**FMCS PROGRAM PINS**

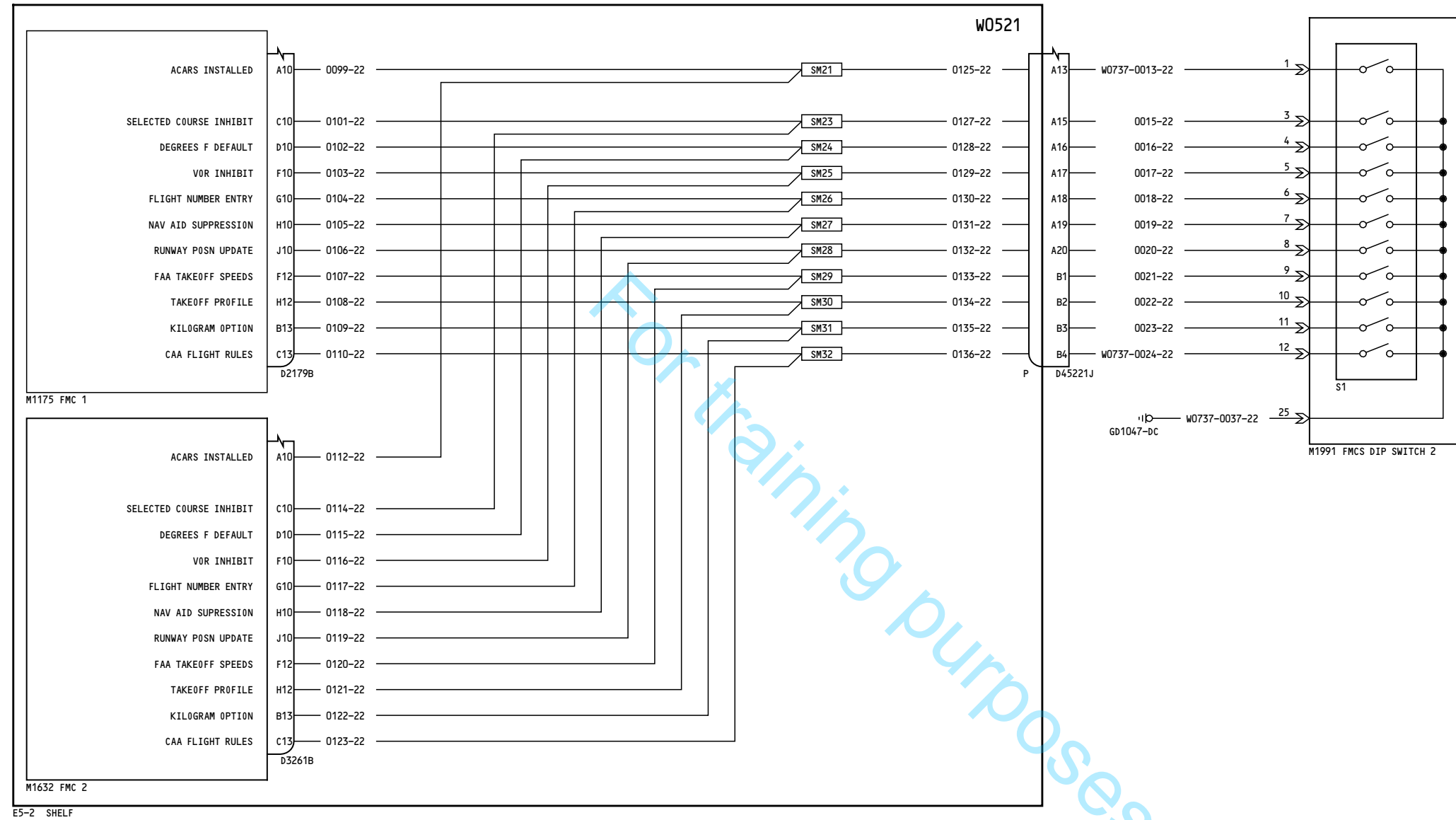
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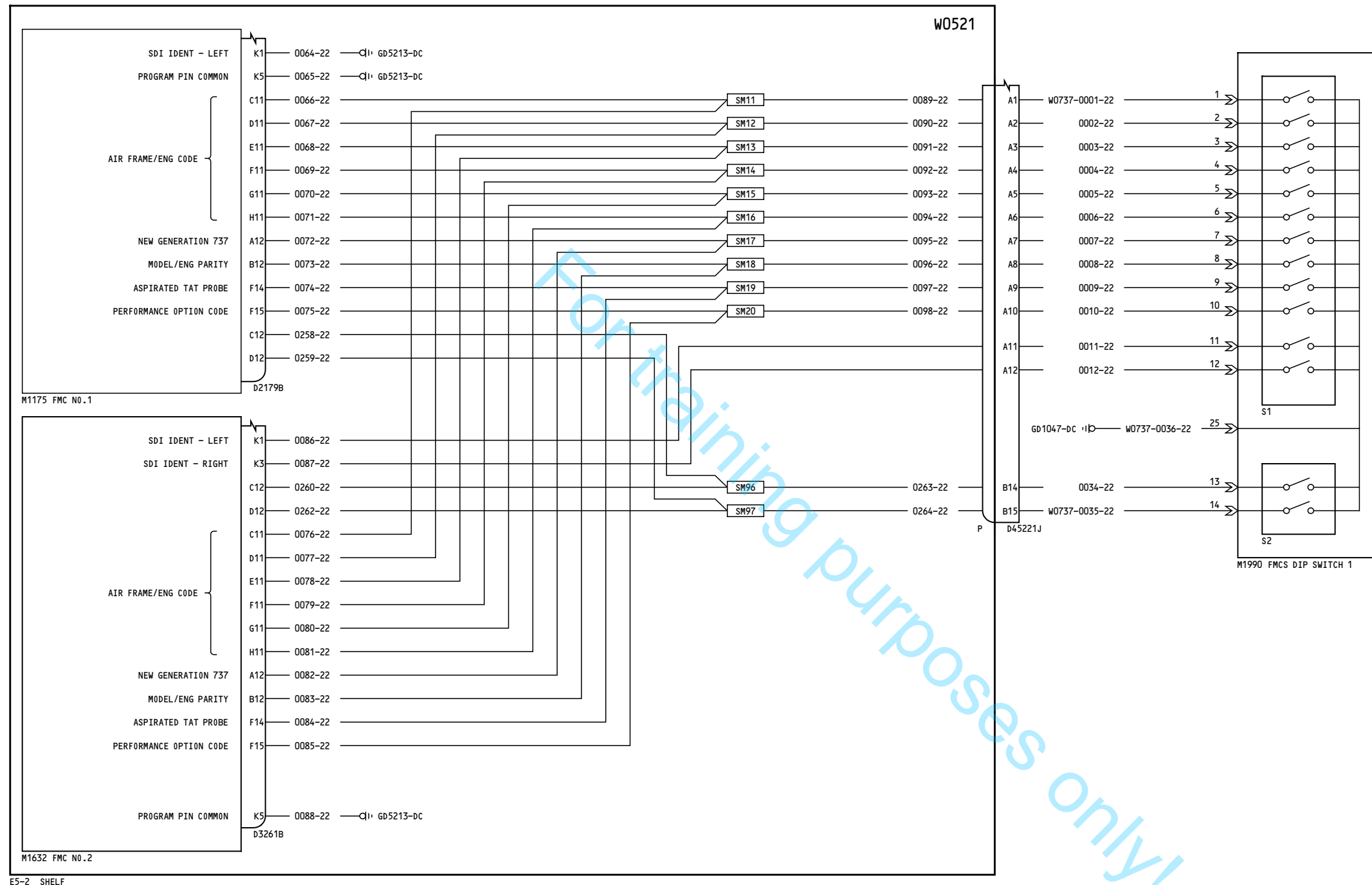
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	1
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	0
3	0
4	1
5	0
6	1
7	1
8	0
9	0
10	1
11	0
12	1
13	1
14	0

**NOTES:**

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

YD158

**FMCS PROGRAM PINS**

D280A108

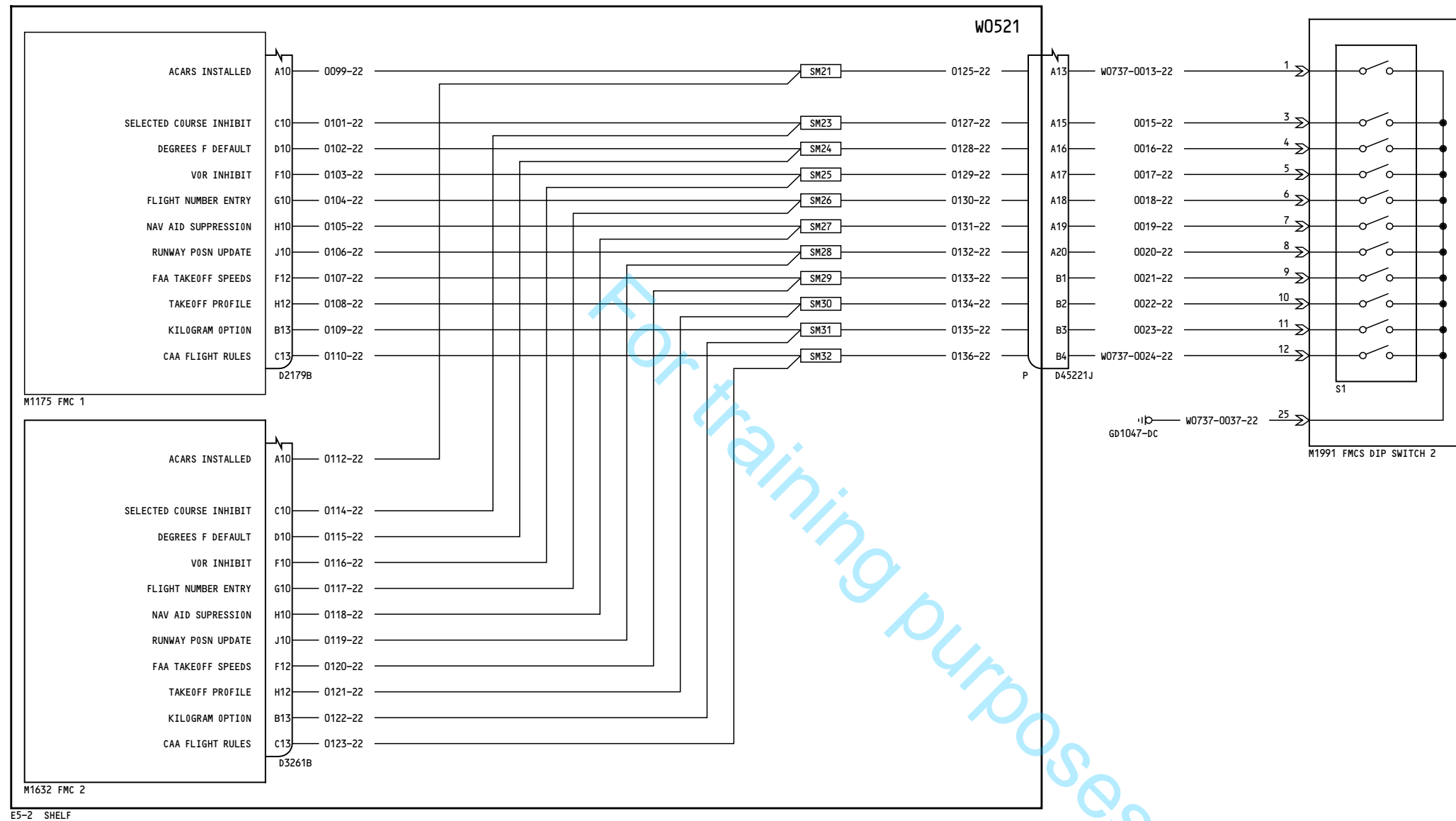
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Oct 27/2011

-D  
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	1
9	1
10	1
11	1
12	1

NOTES:

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

YD158

FMCS PROGRAM PINS

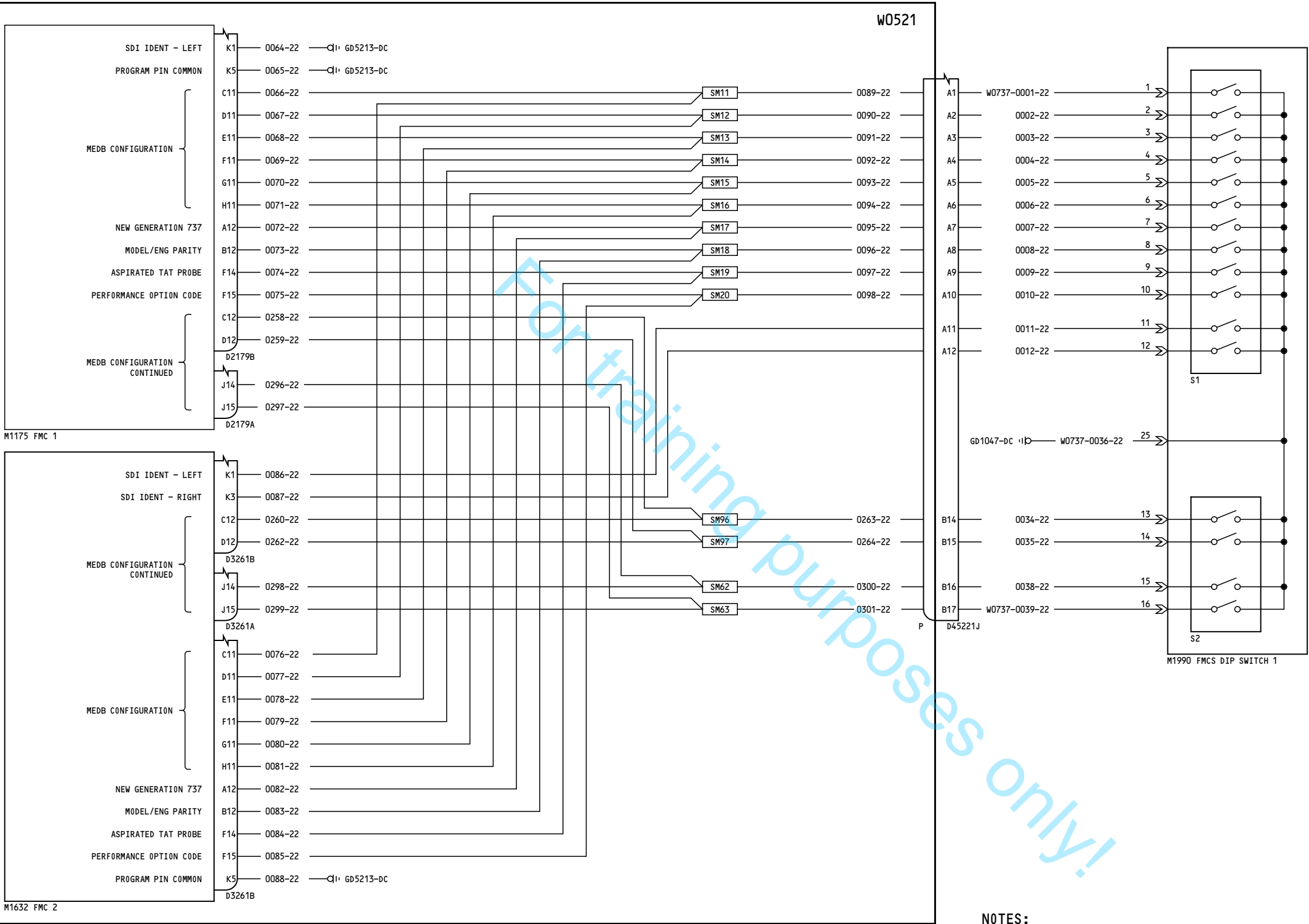
D280A108

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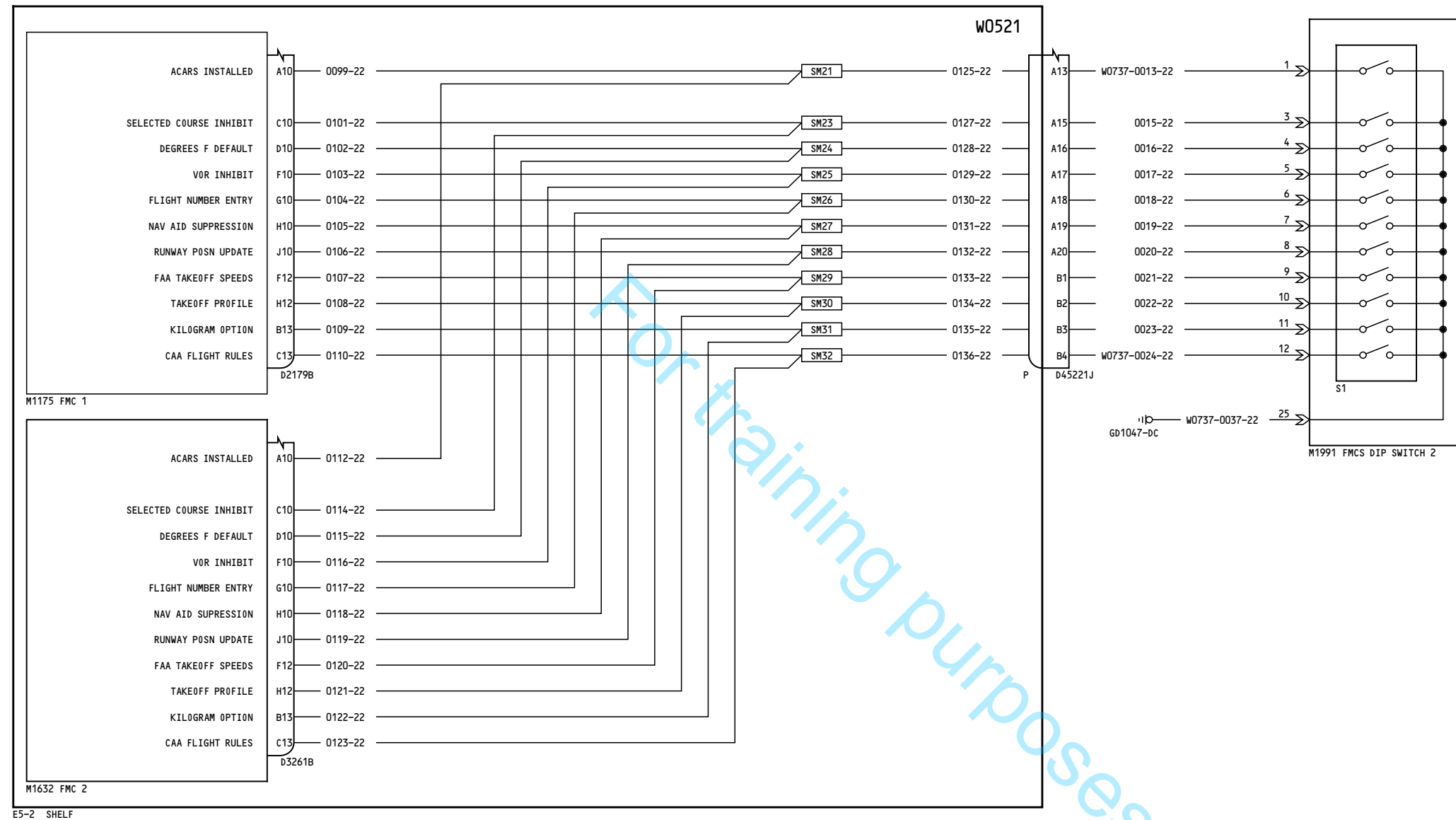
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NOTES:

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

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NOTES:

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

YL951-YL952

FMCS PROGRAM PINS

D280A108

34-61-19

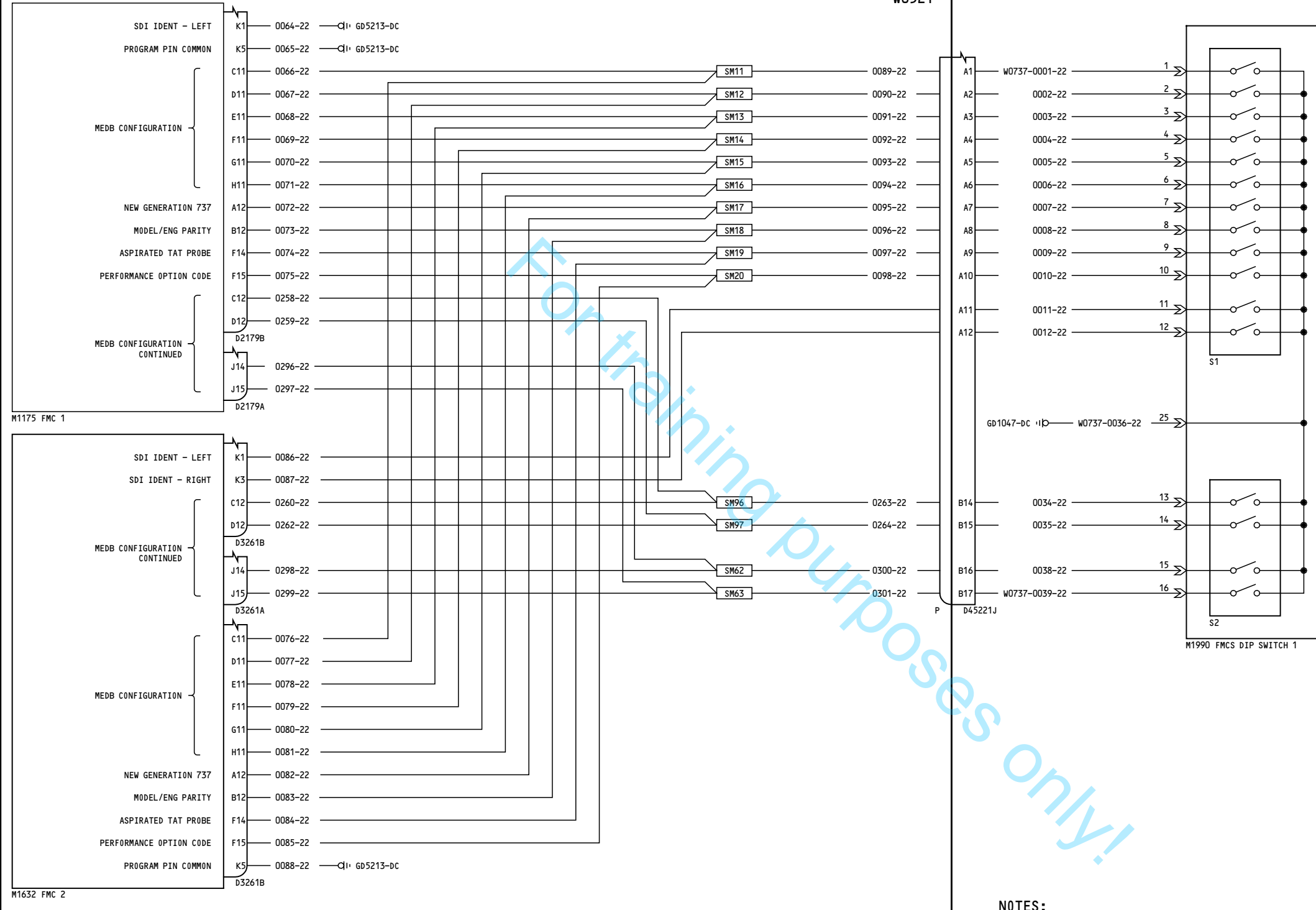
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Aug 11/2008

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W0521



DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B26/3	7B24/3
1	0	1
2	1	0
3	0	0
4	0	0
5	1	1
6	1	1
7	0	0
8	1	1
9	0	0
10	1	1
11	0	0
12	1	1
13	0	0
14	1	1
15	0	0
16	0	0

YL951-YL952

**FMCS PROGRAM PINS**

**34-61-19**

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Feb 09/2009

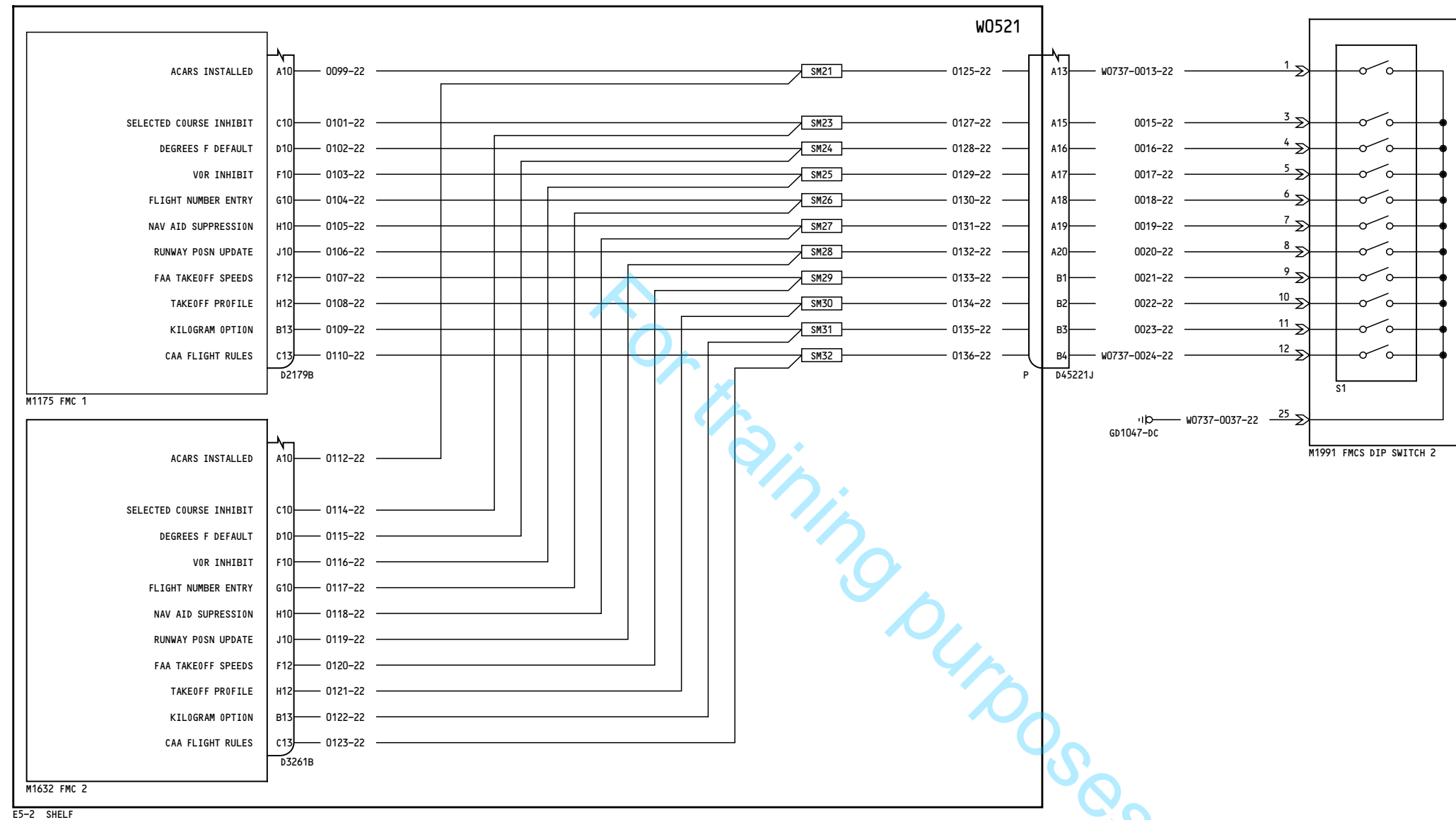
D280A108

Incorporates  
71-1637

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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	1
12	1

NOTES:

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

YL951-YL952

FMCS PROGRAM PINS

D280A108

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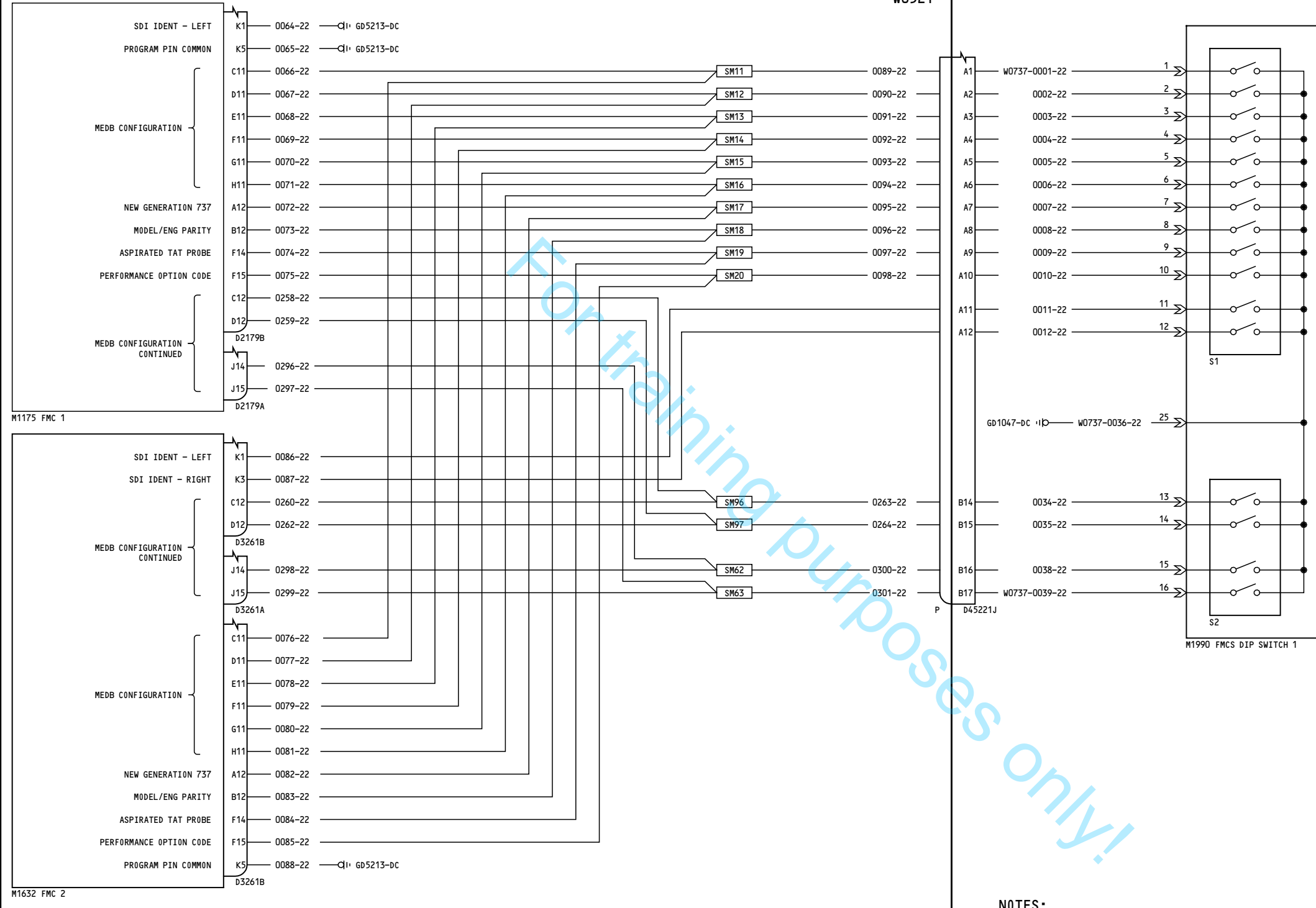
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W0521



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	1
3	0
4	0
5	1
6	1
7	0
8	1
9	0
10	1
11	0
12	1
13	1
14	0
15	1
16	0

**NOTES:**

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

YL953-YL999, YR301-YR305, YR307, YR309-YR328

**FMCS PROGRAM PINS**

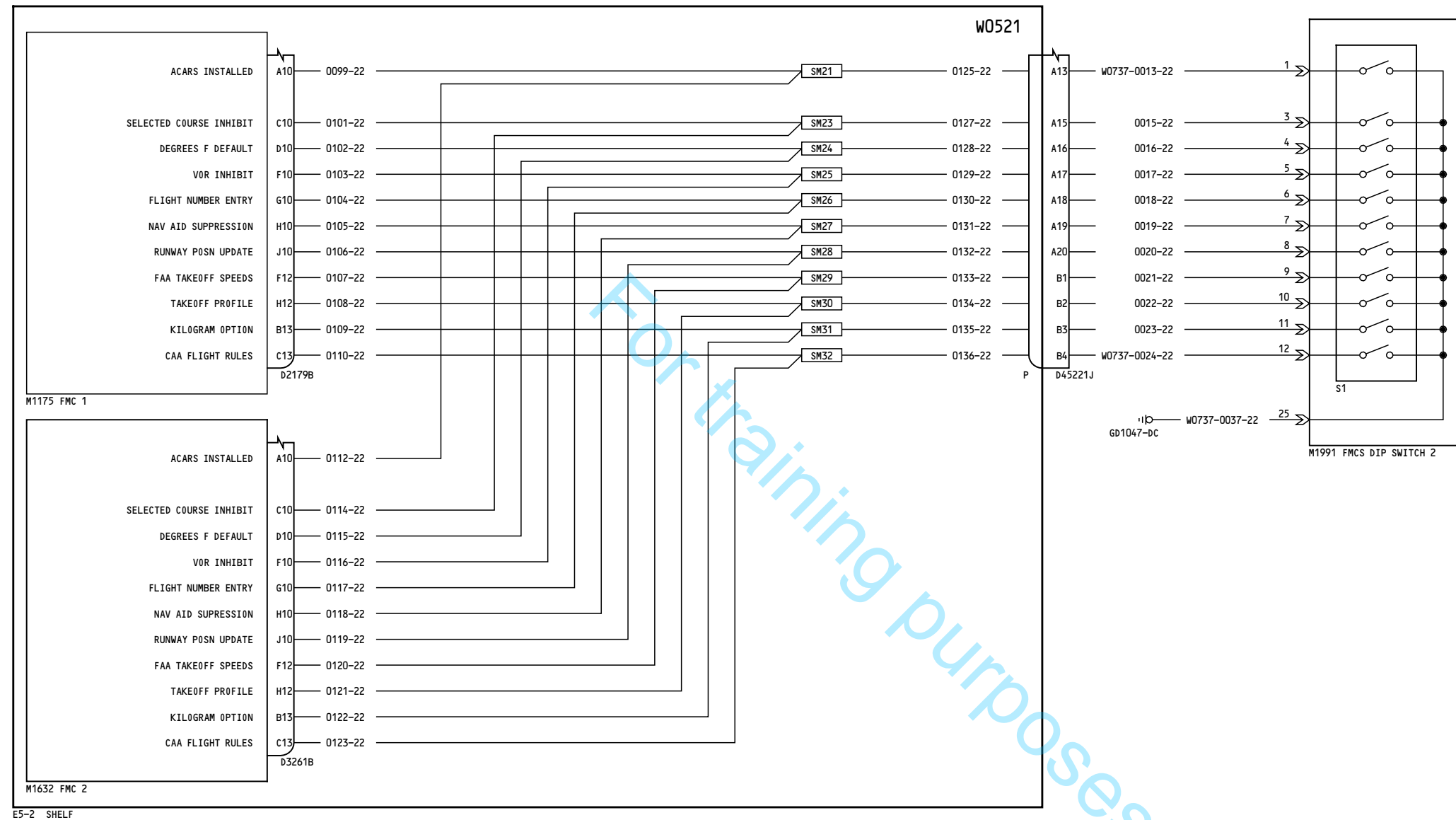
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D280A108

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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	1
12	1

NOTES:

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

YL953-YL999, YR301-YR305, YR307, YR309-YR328

FMCS PROGRAM PINS

D280A108

34-61-19

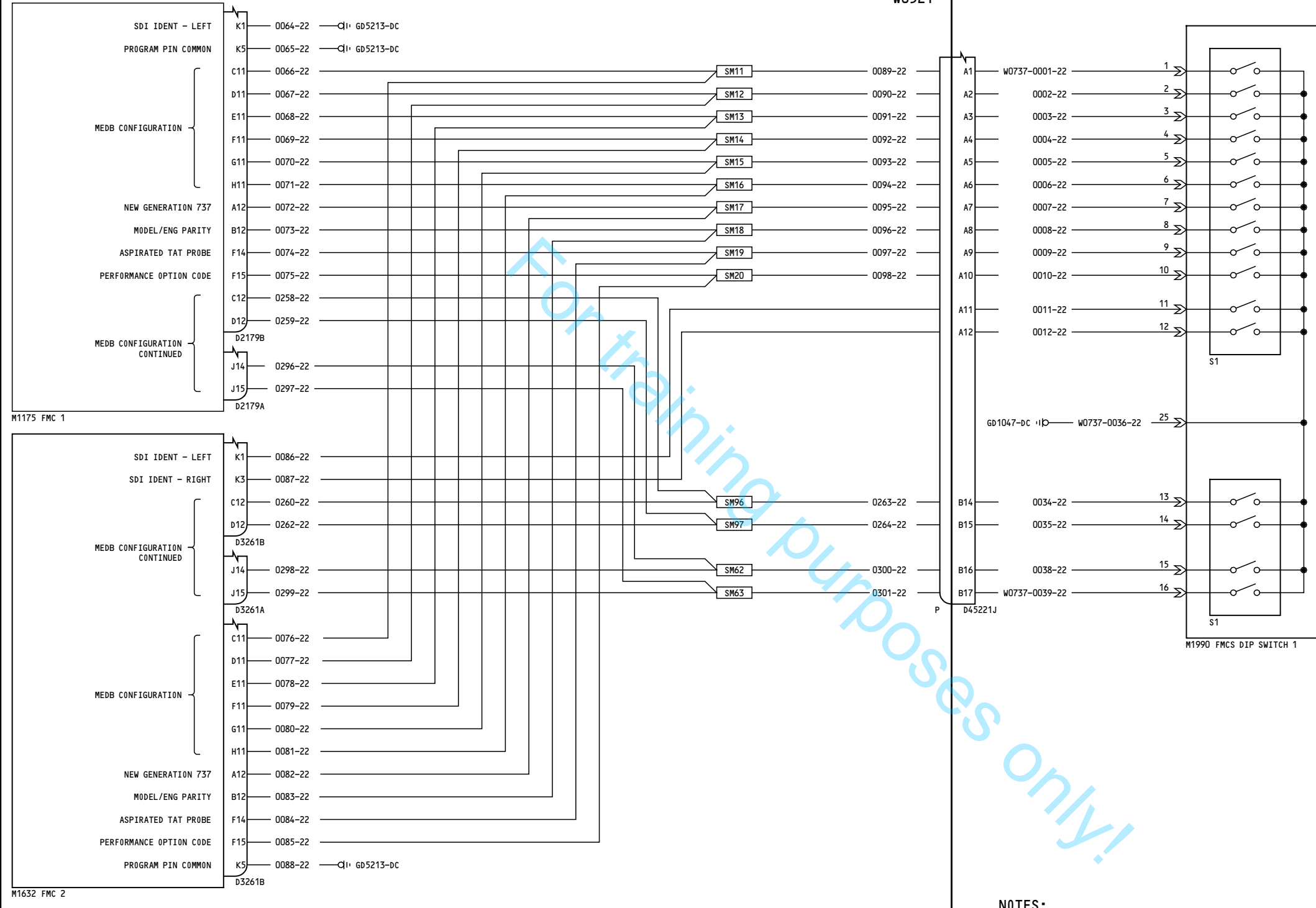
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W0521



DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B26/3	7B24/3
1	1	0
2	1	1
3	0	0
4	0	0
5	1	1
6	1	1
7	0	0
8	1	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0
15	1	1
16	0	0

NOTES:

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

YL954-YL956

FMCS PROGRAM PINS

34-61-19

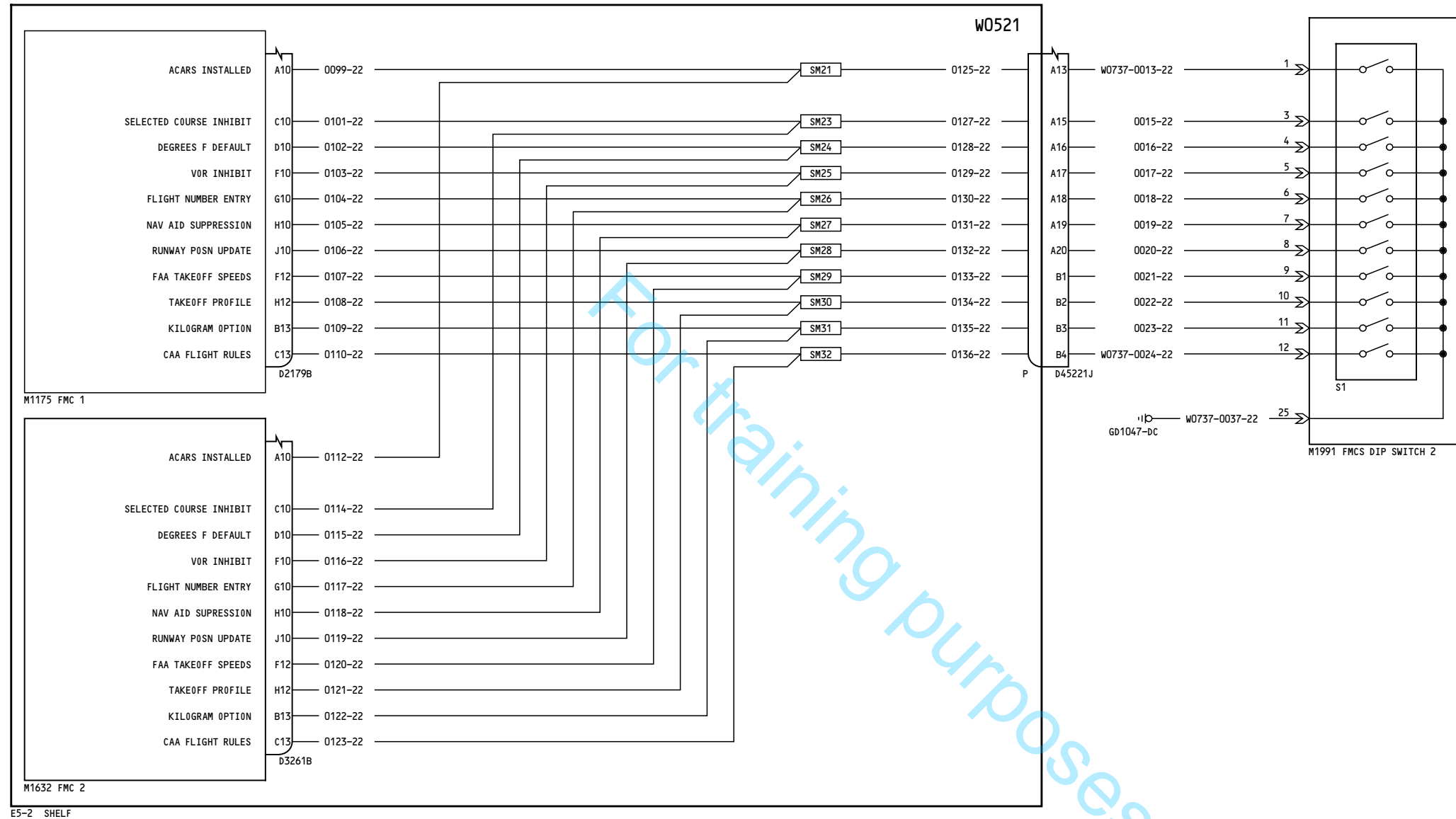
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D280A108

Incorporates  
71-1715

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**NOTES:**

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

YL954-YL956

**FMCS PROGRAM PINS**

D280A108

**34-61-19**

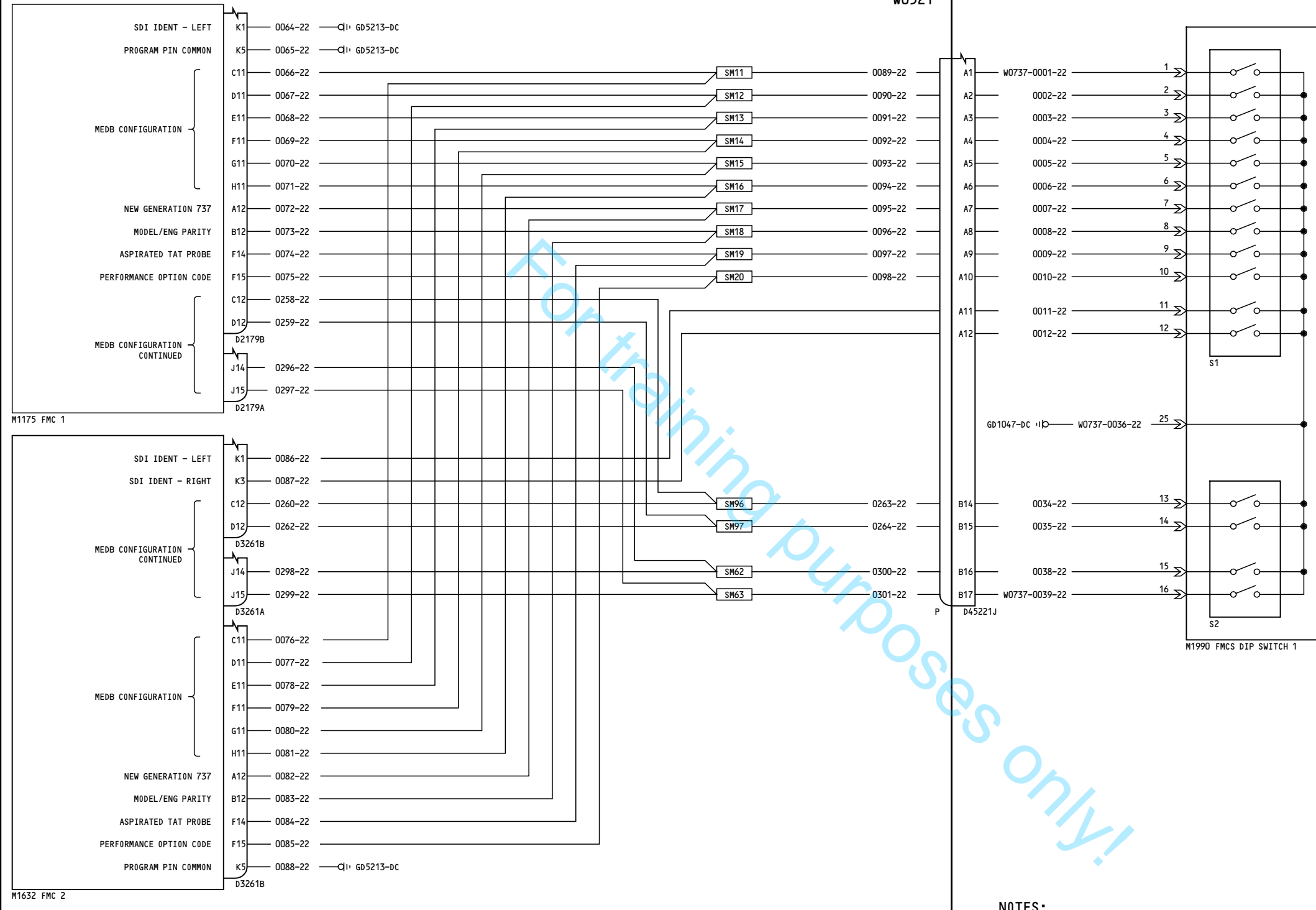
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May 24/2011

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W0521



DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B26/3	7B24/3
1	1	0
2	1	1
3	0	0
4	0	0
5	1	1
6	1	1
7	0	0
8	1	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0
15	1	1
16	0	0

**NOTES:**

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

YL957

**FMCS PROGRAM PINS**

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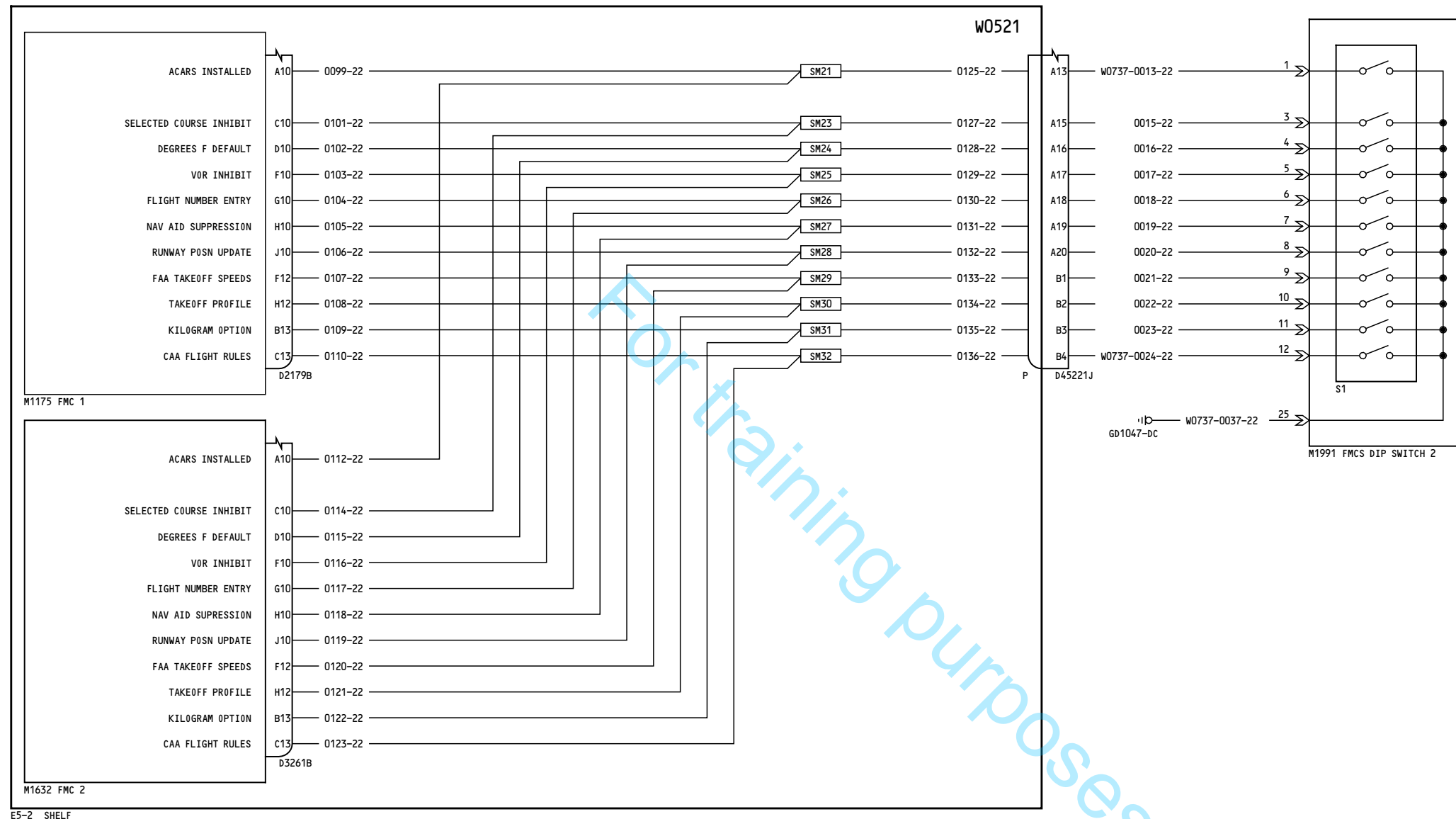
D280A108

Incorporates  
71-1715 R01

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653



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	1
12	1

NOTES:

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

YL957

FMCS PROGRAM PINS

D280A108

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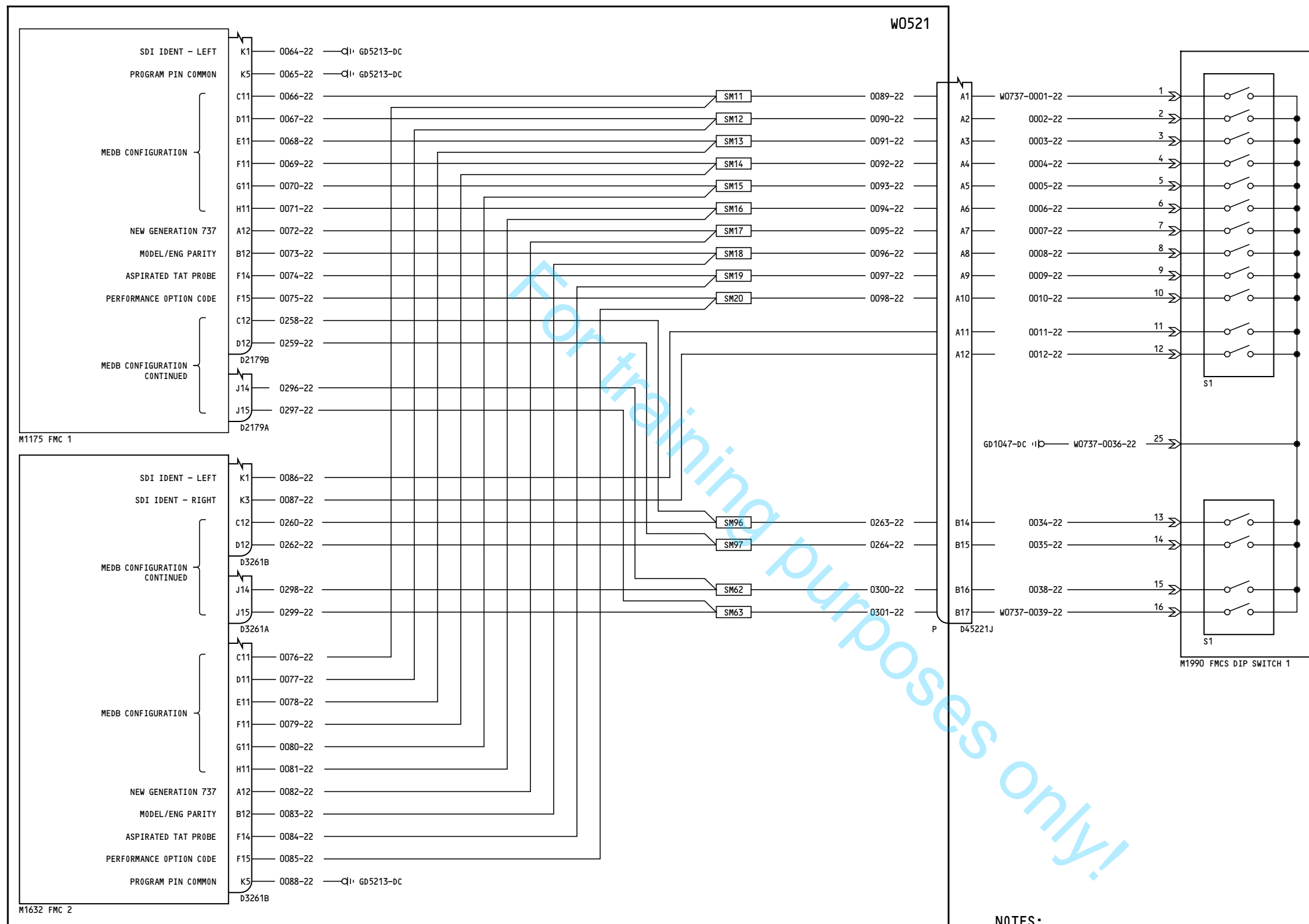
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34-2272 R03  
34-2340

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Aug 08/2011

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DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B26/3	7B24/3
1	1	0
2	1	1
3	0	0
4	0	0
5	1	1
6	1	1
7	0	0
8	1	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0
15	1	1
16	0	0

NOTES:

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

YL958

FMCS PROGRAM PINS

34-61-19

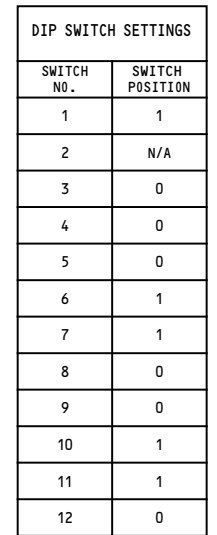
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D280A108

Incorporates  
737-71-1715 R02

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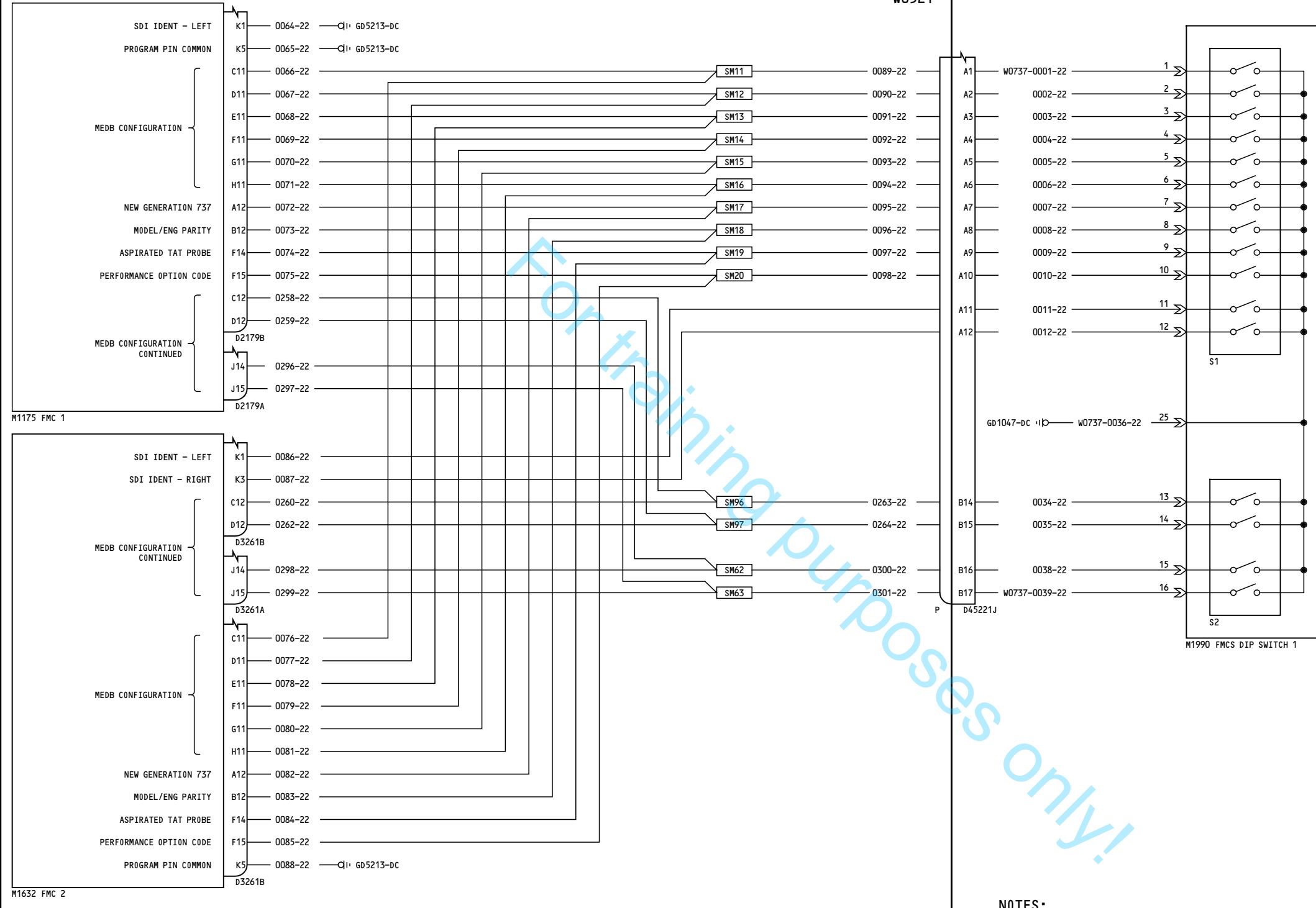


1 FOR EACH BIT DESIGNATED AS "0"  
SET THE CORRESPONDING SWITCH TO "OFF"  
FOR EACH BIT DESIGNATED AS "1"  
SET THE CORRESPONDING SWITCH TO "ON"  
(FOR ANY UNUSED SWITCH, SET TO "OFF")



765

W0521



DIP SWITCH SETTINGS		
SWITCH NO.	SWITCH POSITION	
	7B26/3	7B24/3
1	1	0
2	1	1
3	0	0
4	0	0
5	1	1
6	1	1
7	0	0
8	1	0
9	0	0
10	1	1
11	0	0
12	1	1
13	1	1
14	0	0
15	1	1
16	0	0

YL964

**FMCS PROGRAM PINS**

**34-61-19**

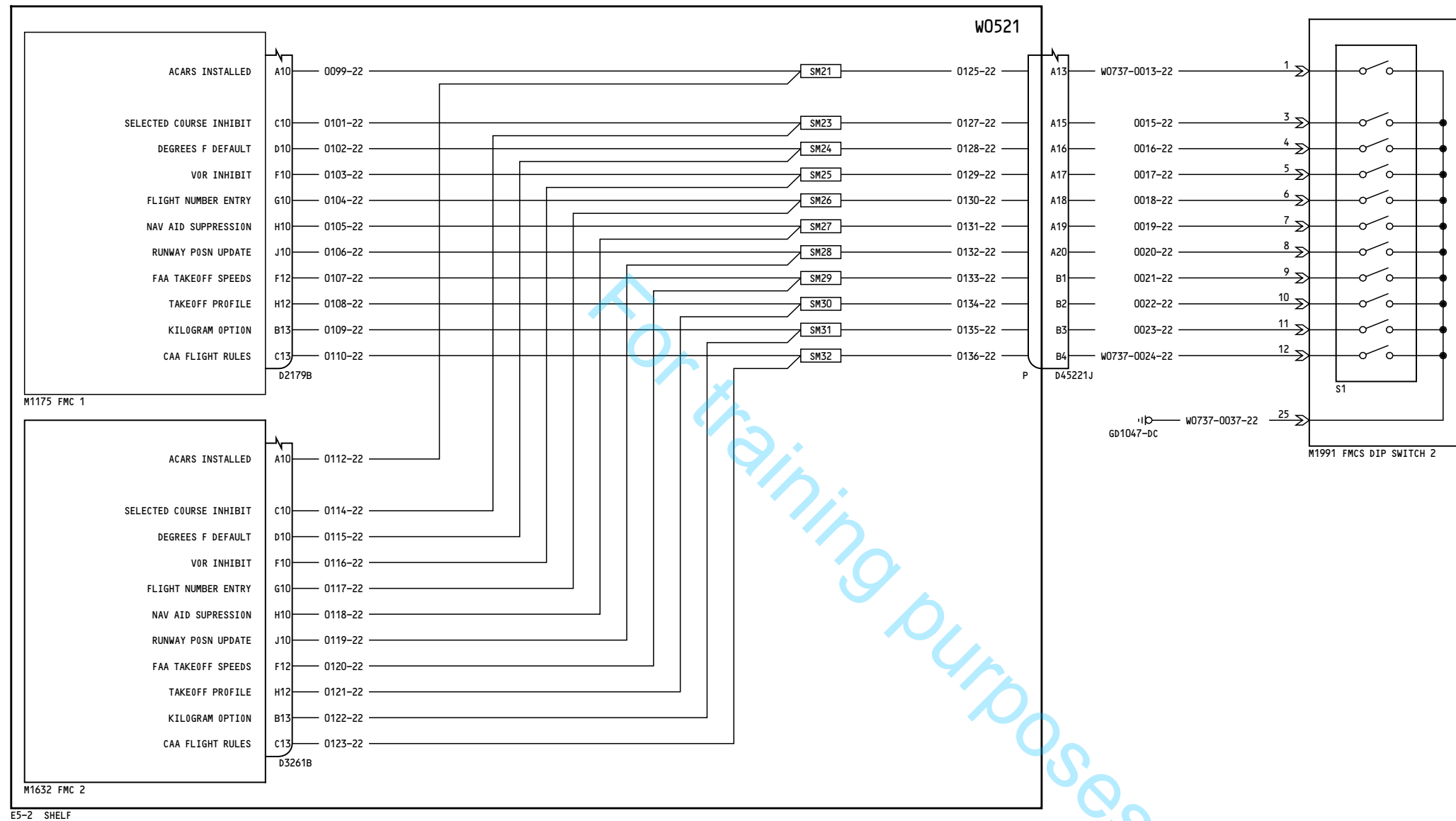
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D280A108

Incorporates  
71-1715 R01

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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	1
12	0

NOTES:

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

YL964

FMCS PROGRAM PINS

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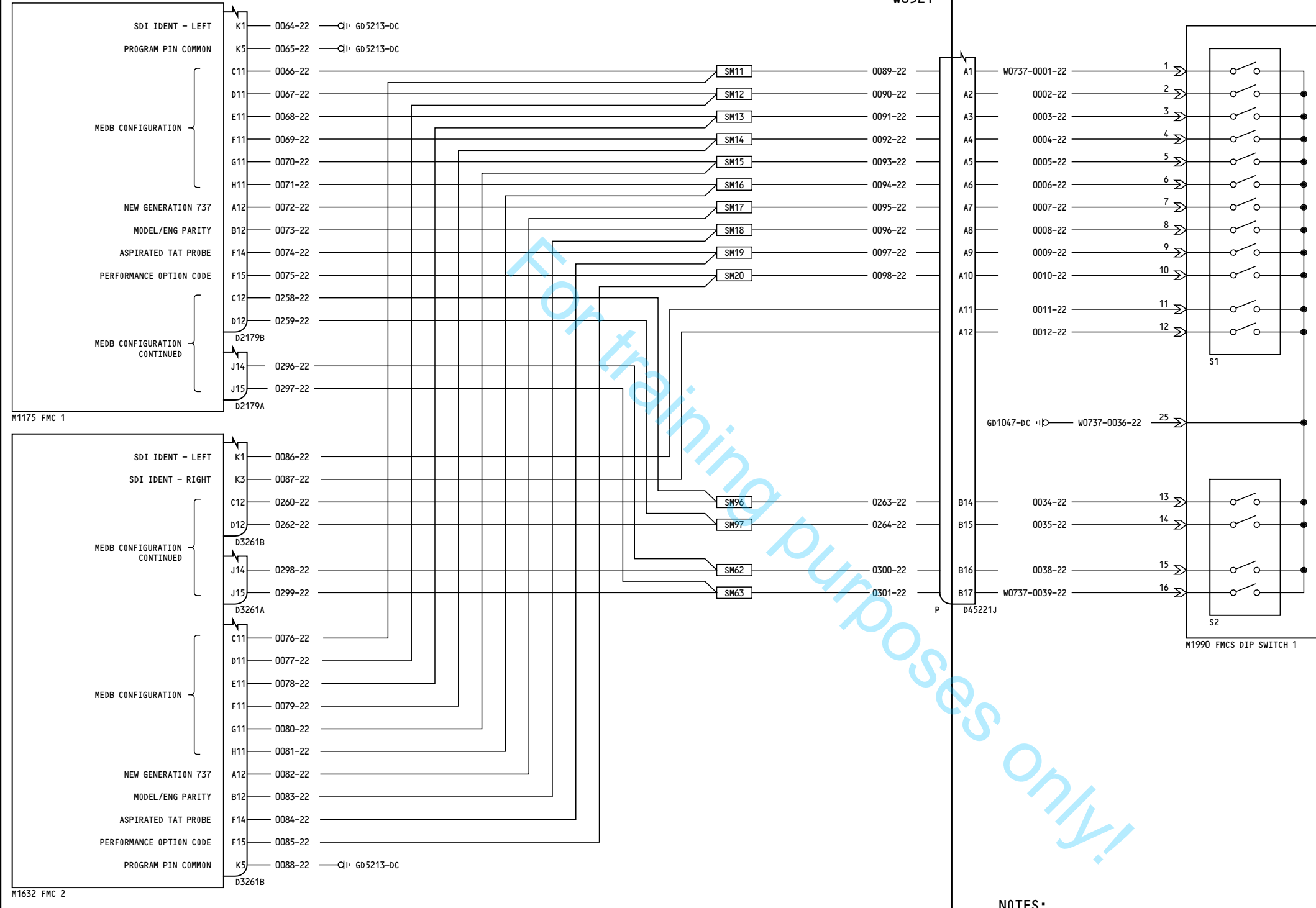
Incorporates  
34-2272 R04

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W0521



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	1
3	0
4	0
5	1
6	1
7	0
8	1
9	0
10	1
11	0
12	1
13	1
14	0
15	1
16	0

**NOTES:**

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

YL967

**FMCS PROGRAM PINS**

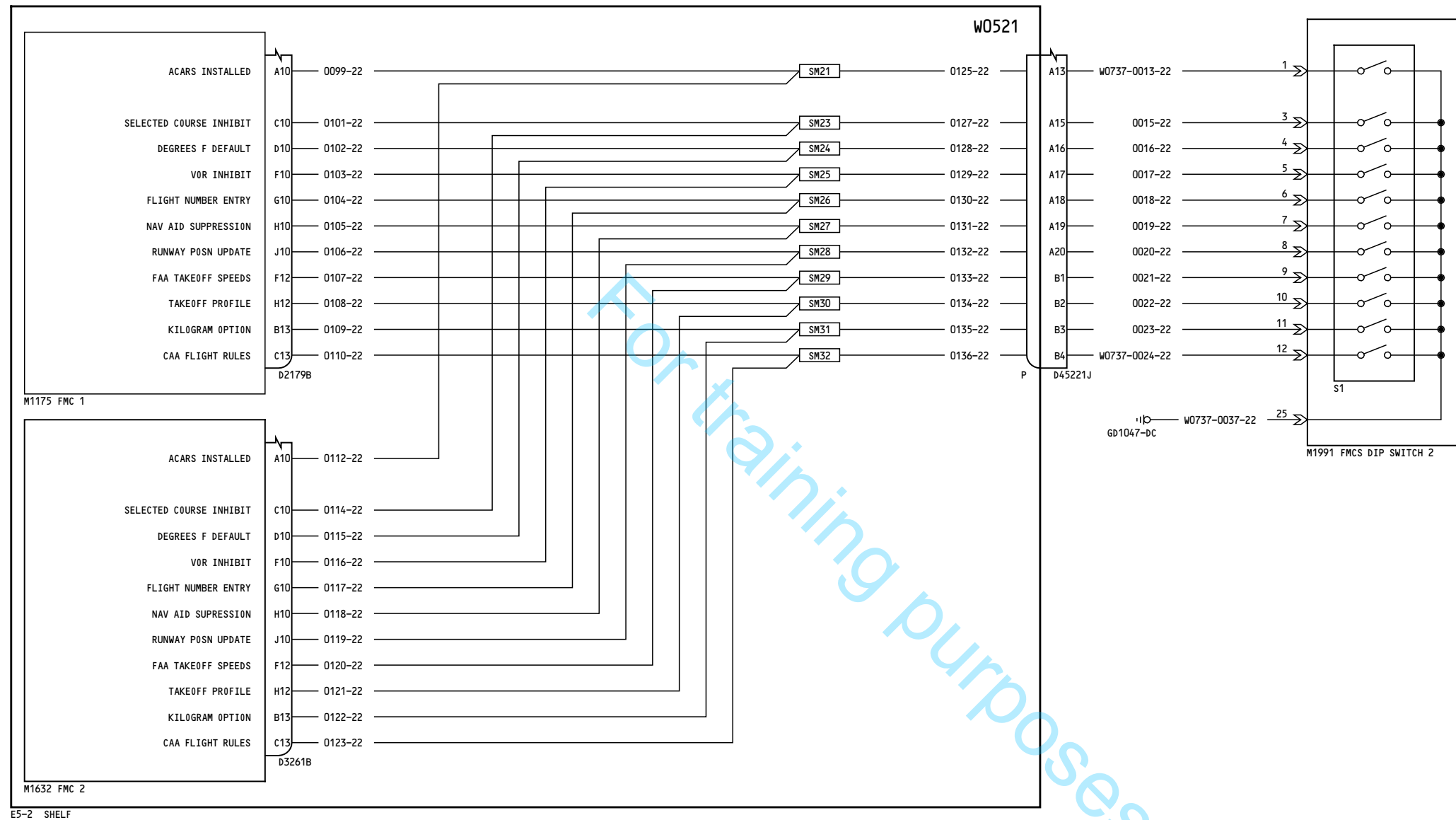
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DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	1
2	N/A
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	1
11	1
12	0

NOTES:

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

YL967

FMCS PROGRAM PINS

D280A108

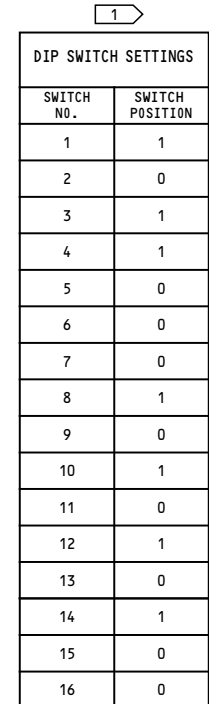
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Incorporates  
34-2399

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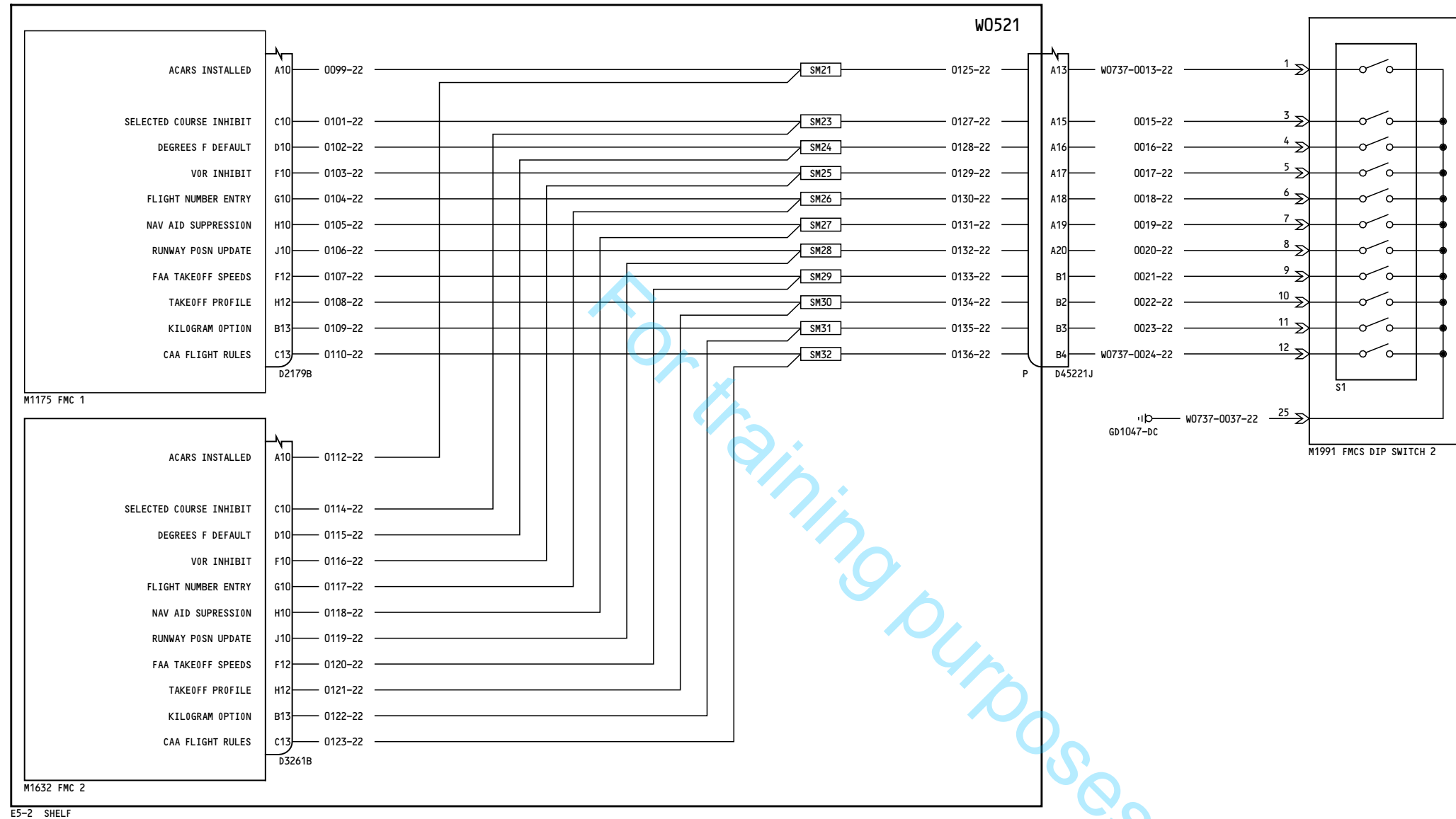
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```

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

```



**NOTES:**

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

YN231-YN501

**FMCS PROGRAM PINS**

D280A108

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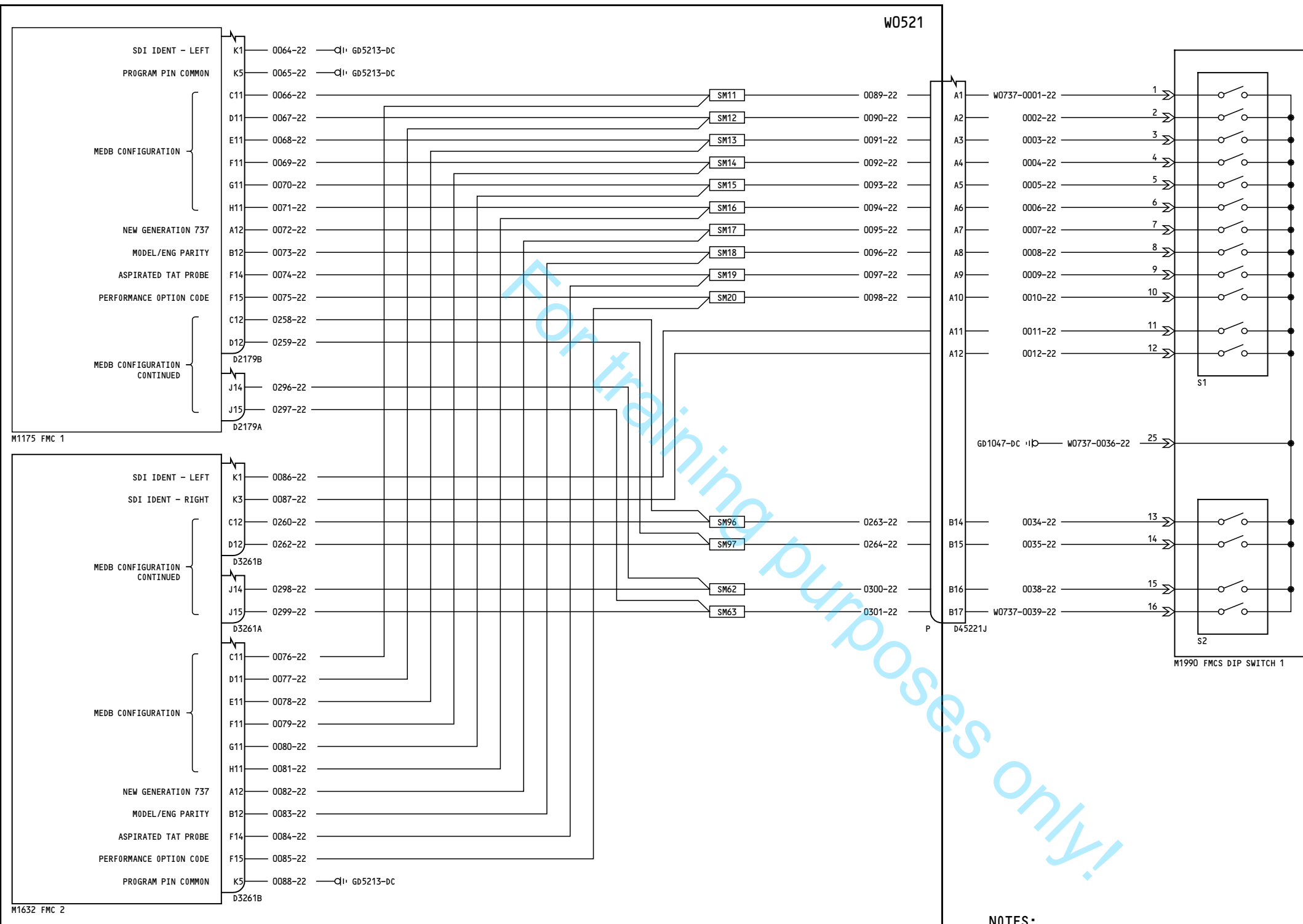
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W0521



DIP SWITCH SETTINGS	
SWITCH NO.	SWITCH POSITION
1	0
2	1
3	1
4	0
5	0
6	0
7	0
8	0
9	0
10	1
11	0
12	1
13	0
14	1
15	0
16	0

NOTES:

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

YN235

FMCS PROGRAM PINS

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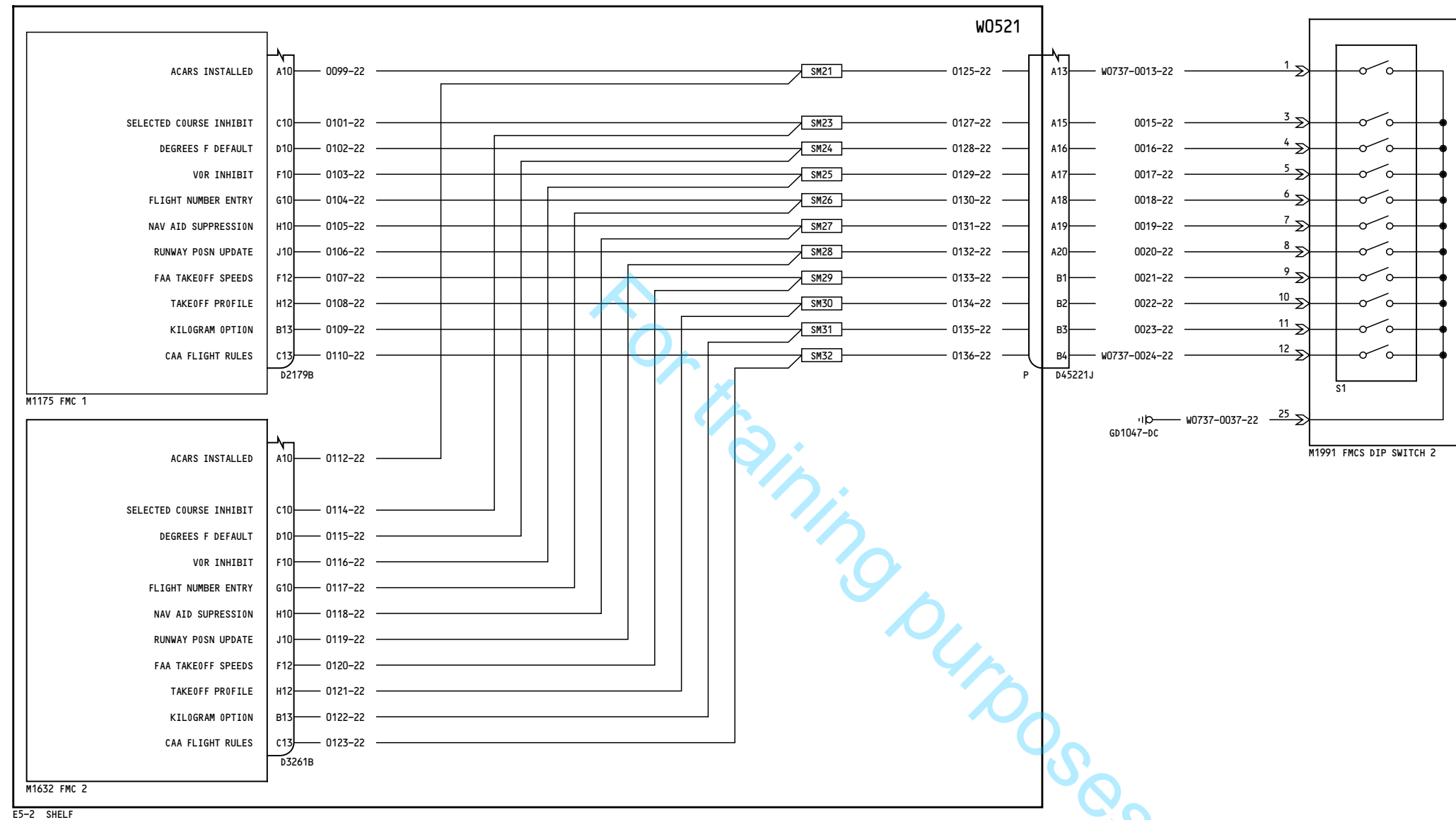
D280A108

Incorporates  
32-1438

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NOTES:

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

YN235

FMCS PROGRAM PINS

D280A108

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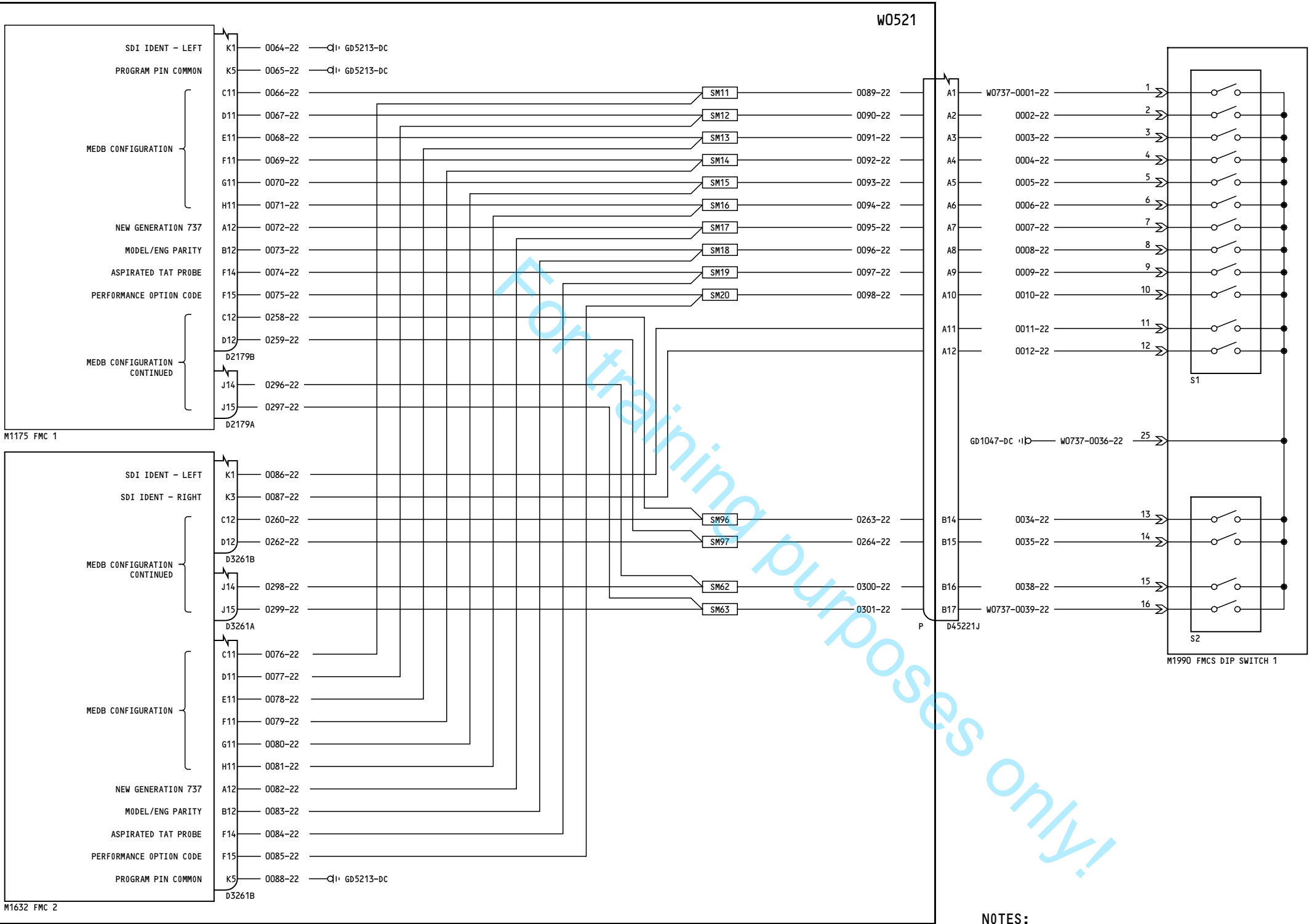
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NOTES:

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

YR306, YR308

FMCS PROGRAM PINS

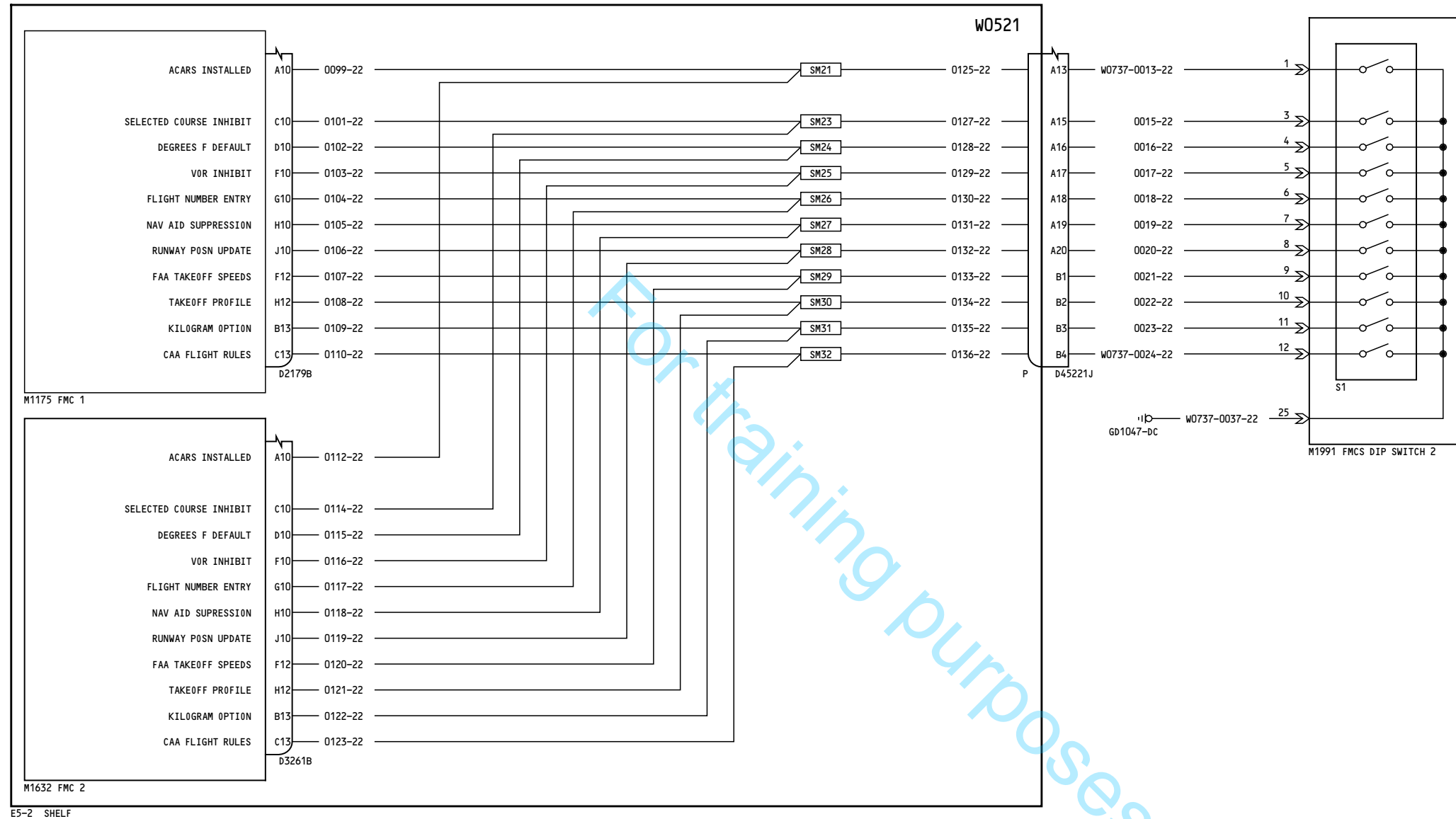
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D280A108

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**NOTES:**

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

YR306, YR308

**FMCS PROGRAM PINS**

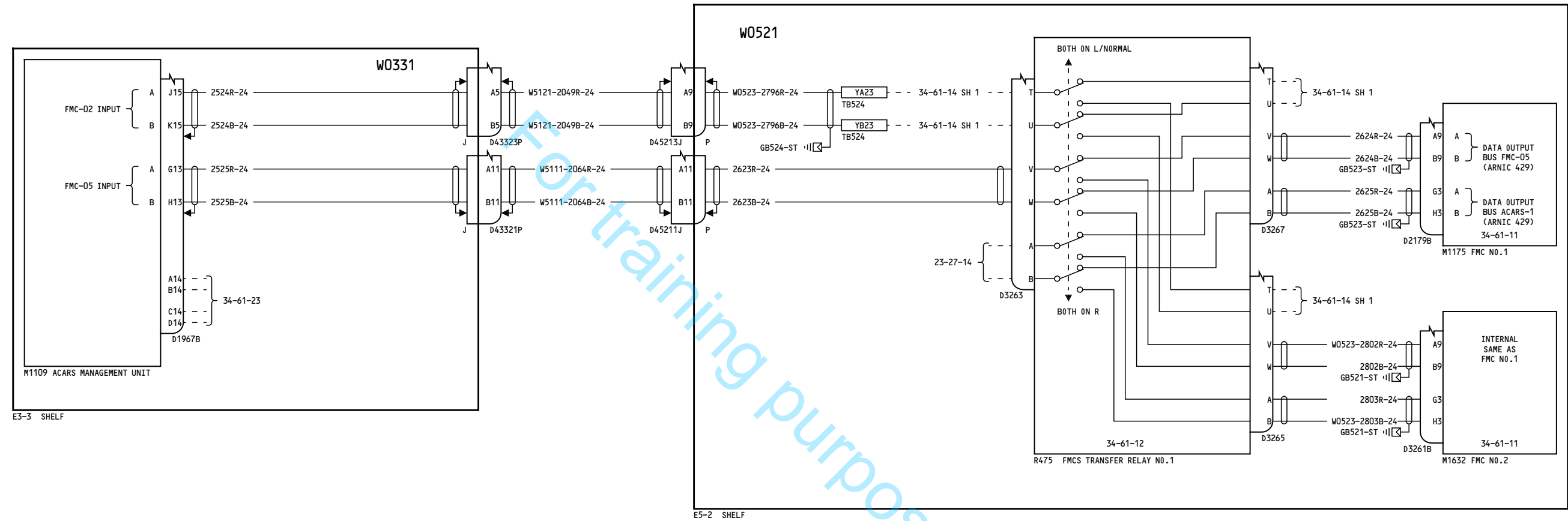
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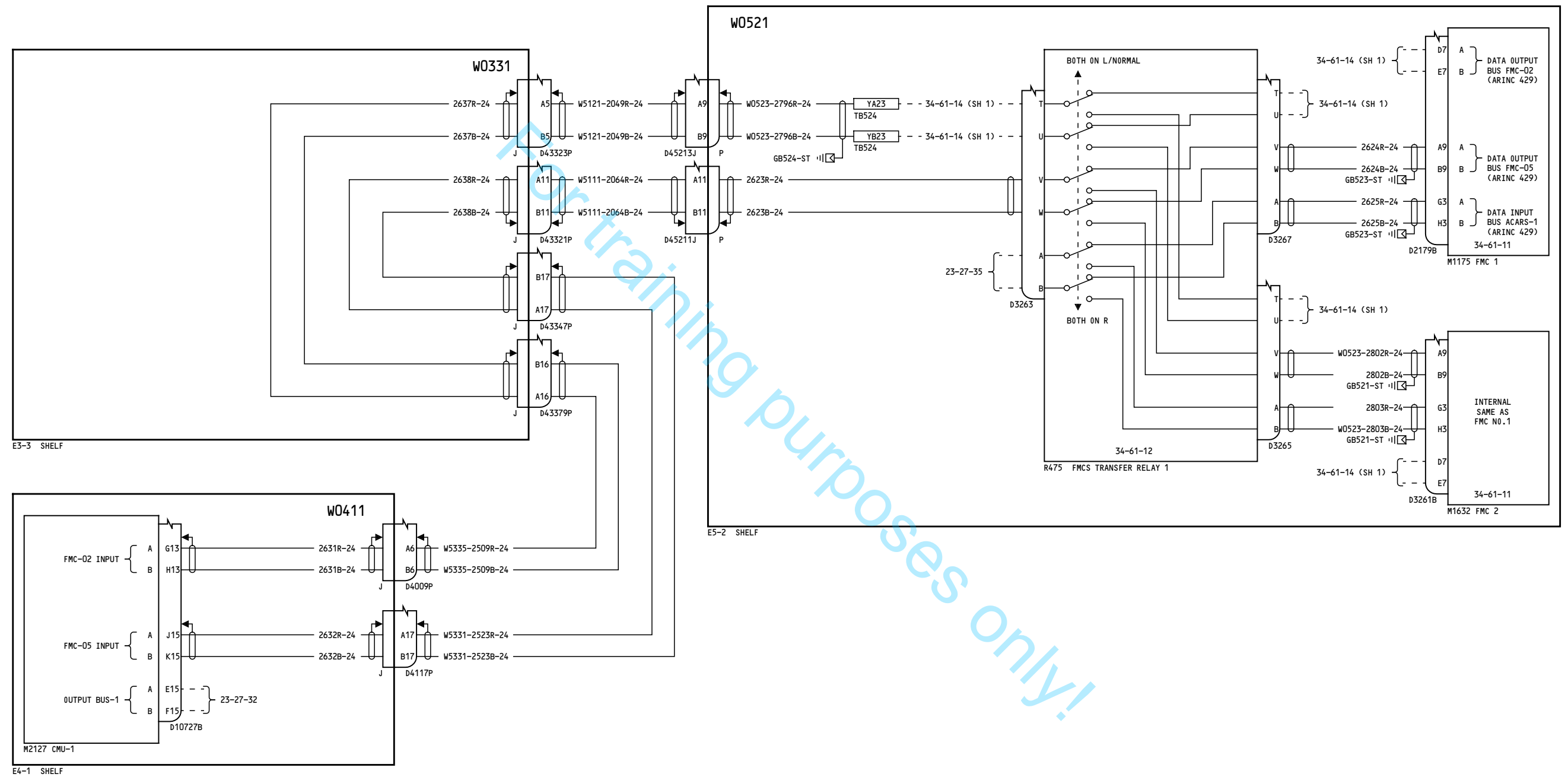
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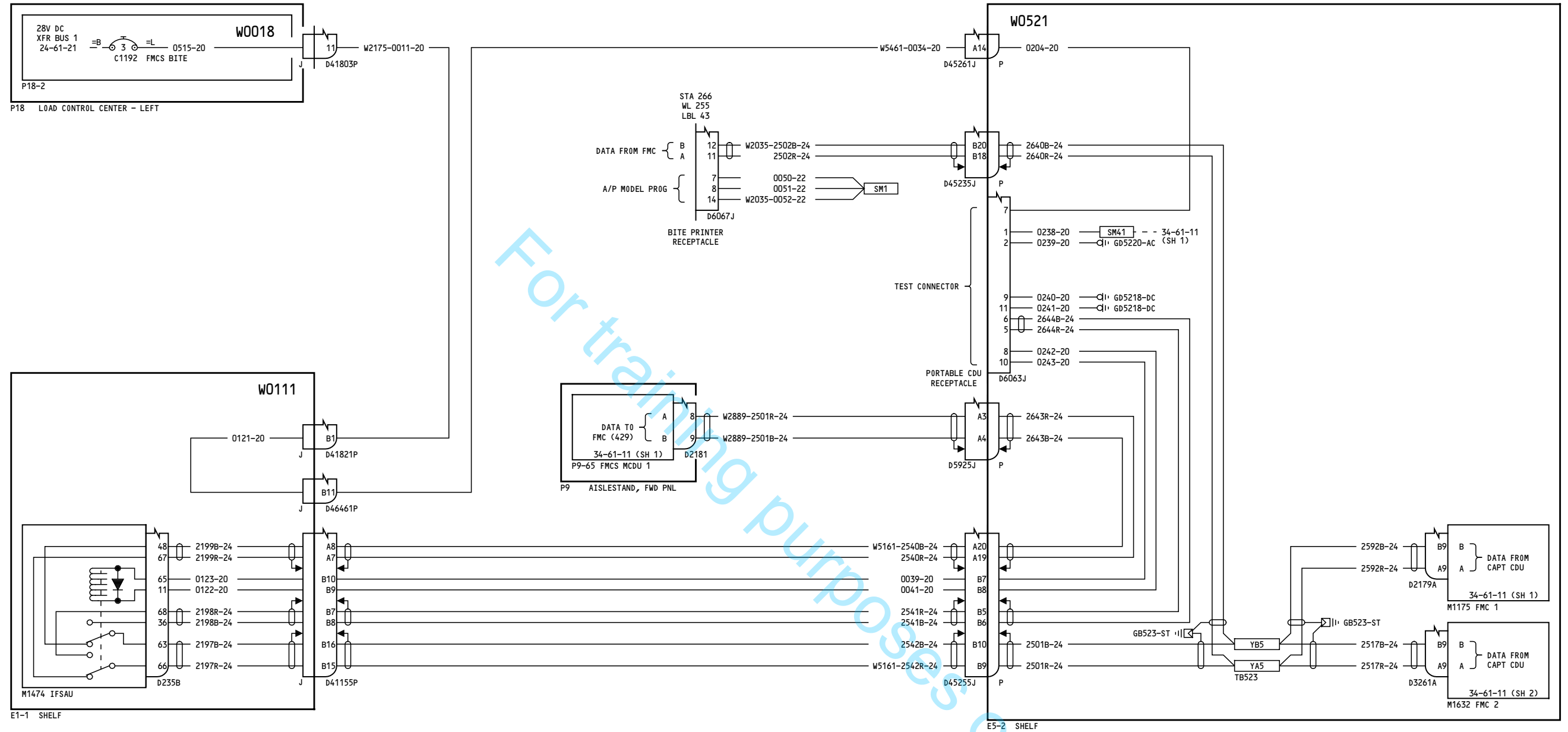
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YC051-YC058

FMCS BITE PRINTER AND  
PORTABLE CDU RECEPTACLES

34-61-22

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D280A108

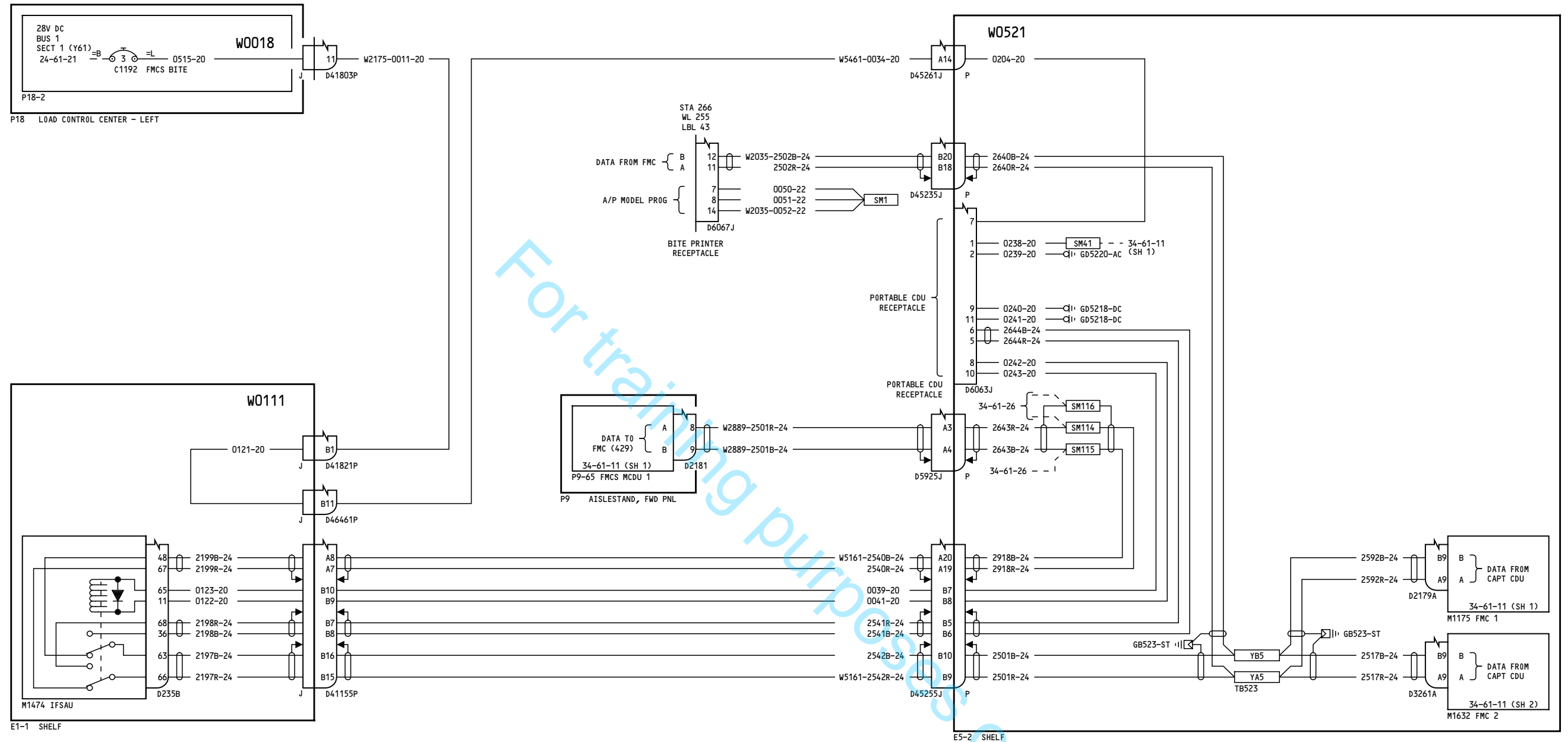
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-C

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YC059-YD170

FMCS BITE PRINTER AND  
PORTABLE CDU RECEPTACLES

D280A108

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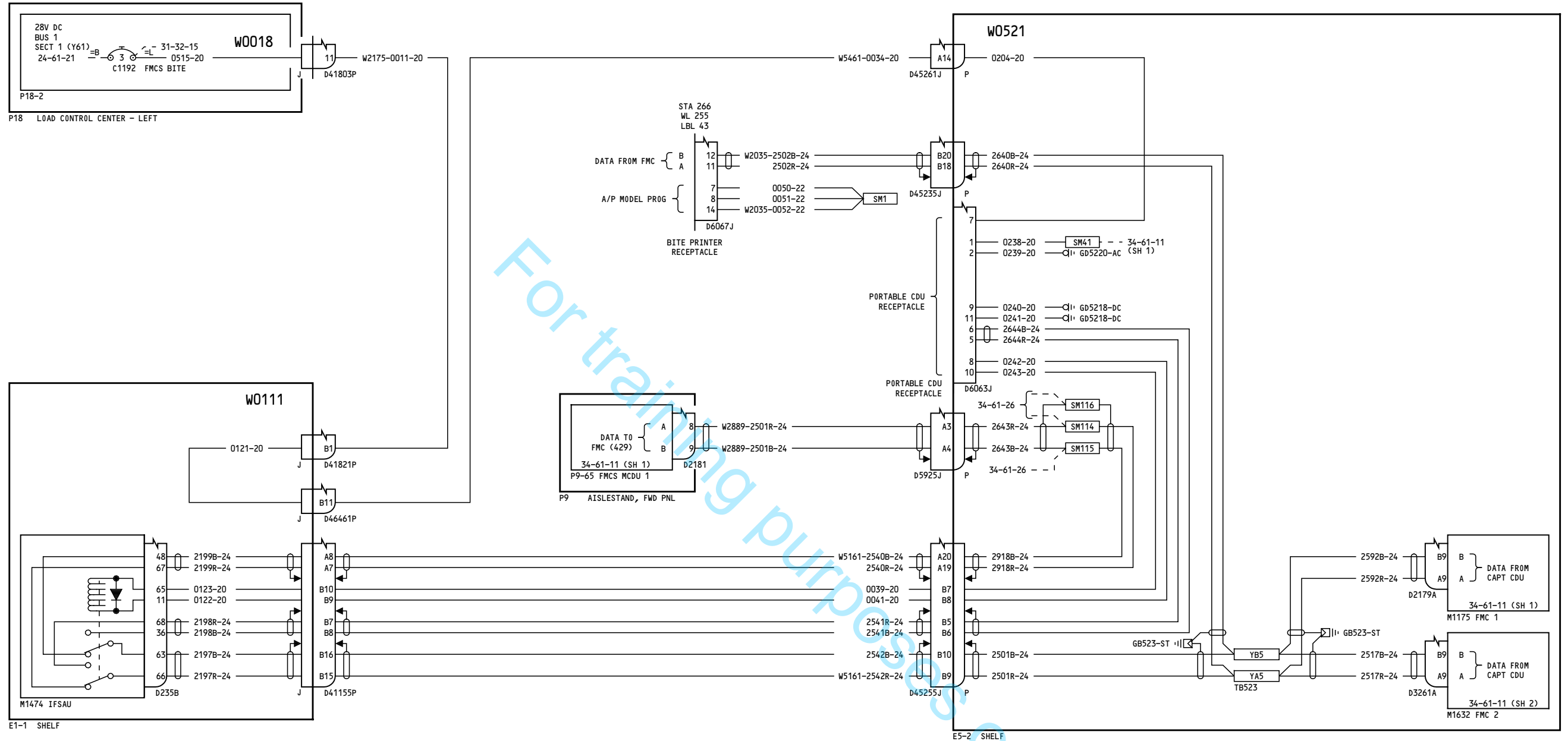
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YL951-YR328

FMCS BITE PRINTER AND  
PORTABLE CDU RECEPTACLES

D280A108

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The diagram illustrates the ACARS system wiring, showing the following components and connections:

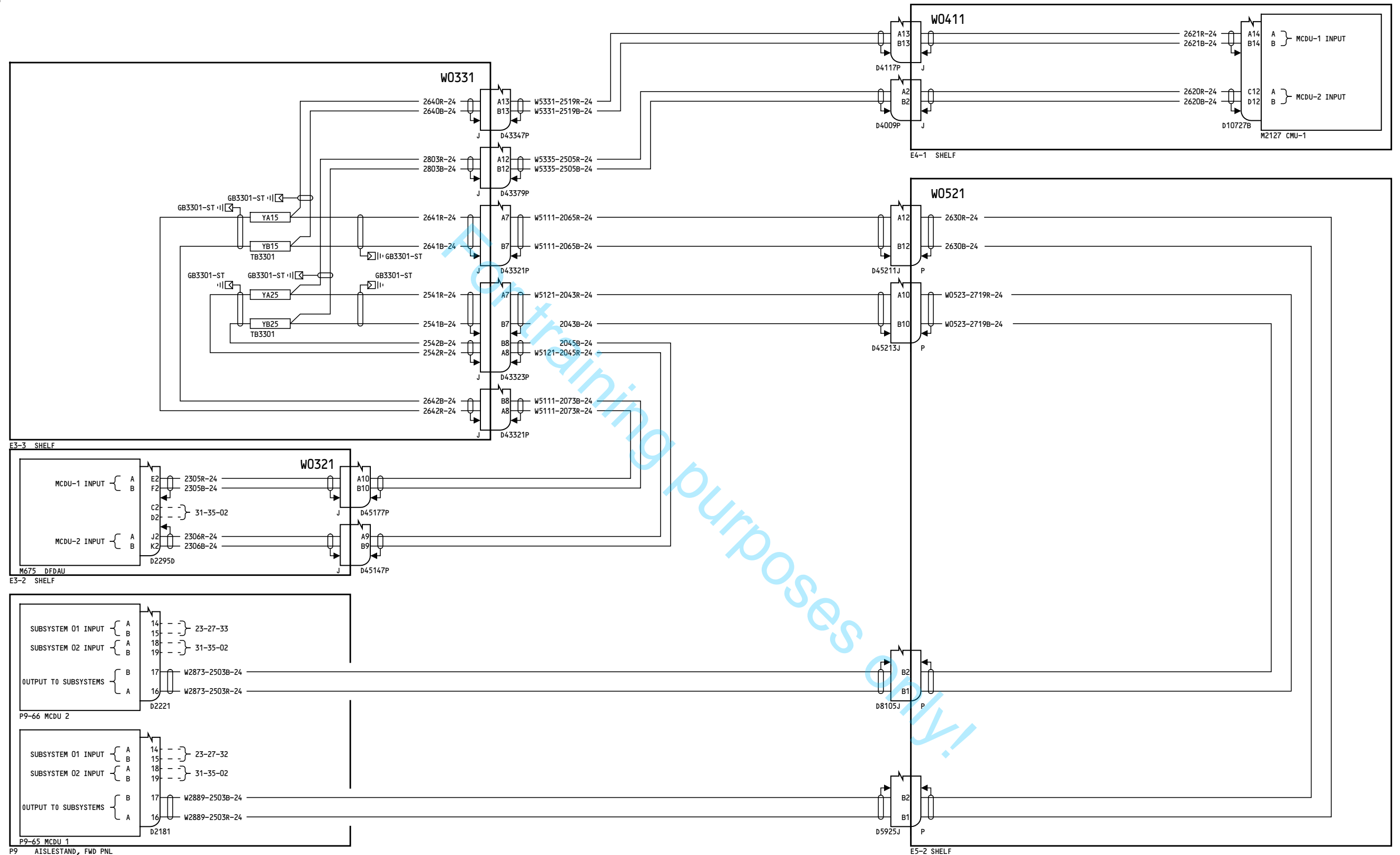
- E6-1 SHELF (W0613):**
  - MCDU-1 INPUT (A, B) and MCDU-2 INPUT (A, B) connected to SDU (PROV).
  - Wiring to W5615-2506R-24, W5615-2506B-24, W5615-2508R-24, and W5615-2508B-24.
  - Wiring to W0521 (W0523-2806R-24, W0523-2806B-24).
- E3-3 SHELF (W0331):**
  - MCDU-1 INPUT (A, B) and MCDU-2 INPUT (A, B) connected to M1109 ACARS MANAGEMENT UNIT.
  - Wiring to W5111-2065R-24, W5111-2065B-24, W5121-2043R-24, W5121-2043B-24, W5121-2045R-24, W5121-2045B-24, W5111-2073R-24, and W5111-2073B-24.
  - Wiring to W0521 (W0523-2719R-24, W0523-2719B-24).
- E3-2 SHELF (W0321):**
  - MCDU-1 INPUT (A, B) and MCDU-2 INPUT (A, B) connected to M675 DFDAU.
  - Wiring to W0521 (W0523-2819R-24, W0523-2819B-24).
- E5-2 SHELF (W0521):**
  - Wiring to W0521 (W0523-2819R-24, W0523-2819B-24).
  - Wiring to W0521 (W0523-2819R-24, W0523-2819B-24).

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CDU/MCDU INTERFACE

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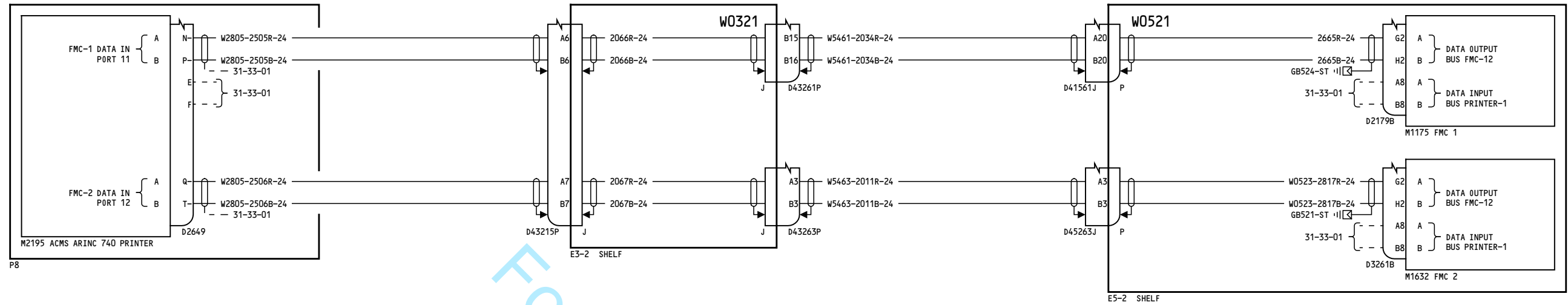
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YC051-YD157

FMCS INTERFACE  
WITH ARINC 740/744  
PRINTER

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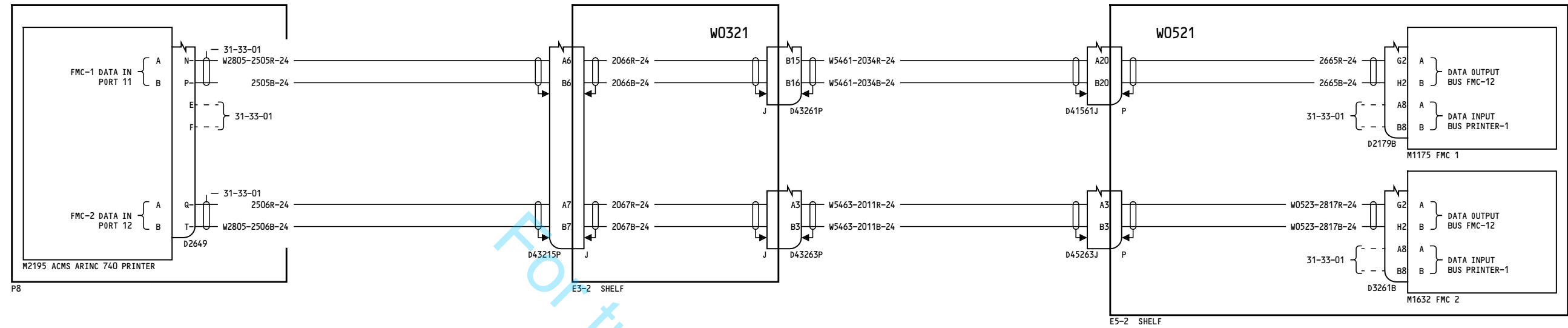
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**FMCS INTERFACE  
WITH ARINC 740/744  
PRINTER**

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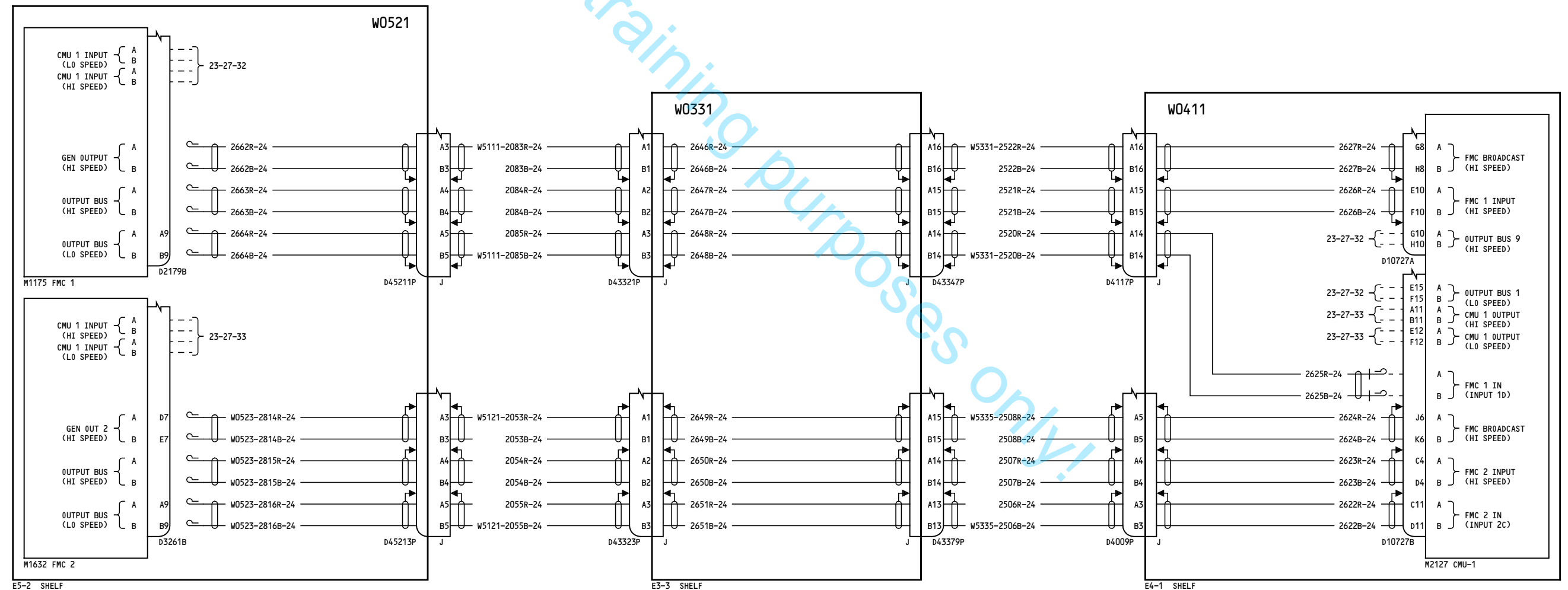
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YD158-YD170

**FMC/CMU INTERFACE**

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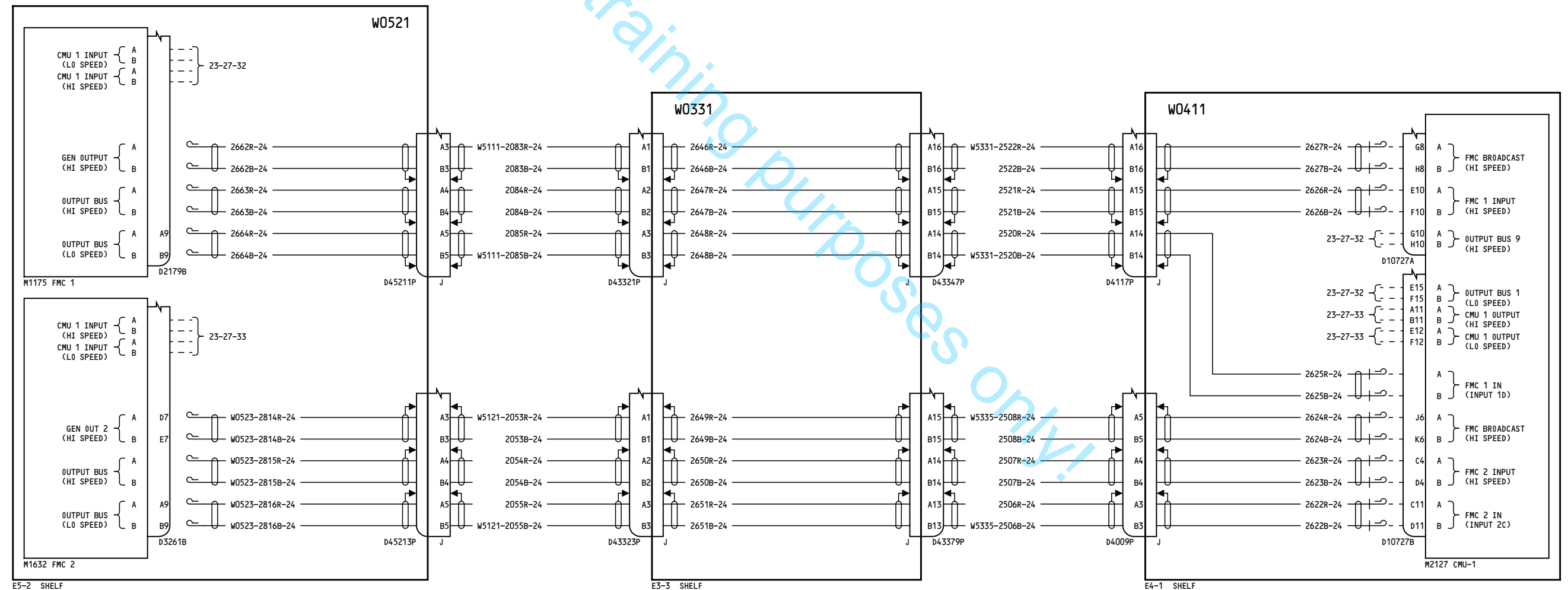
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YL951-YN260

**FMC/CMU INTERFACE**

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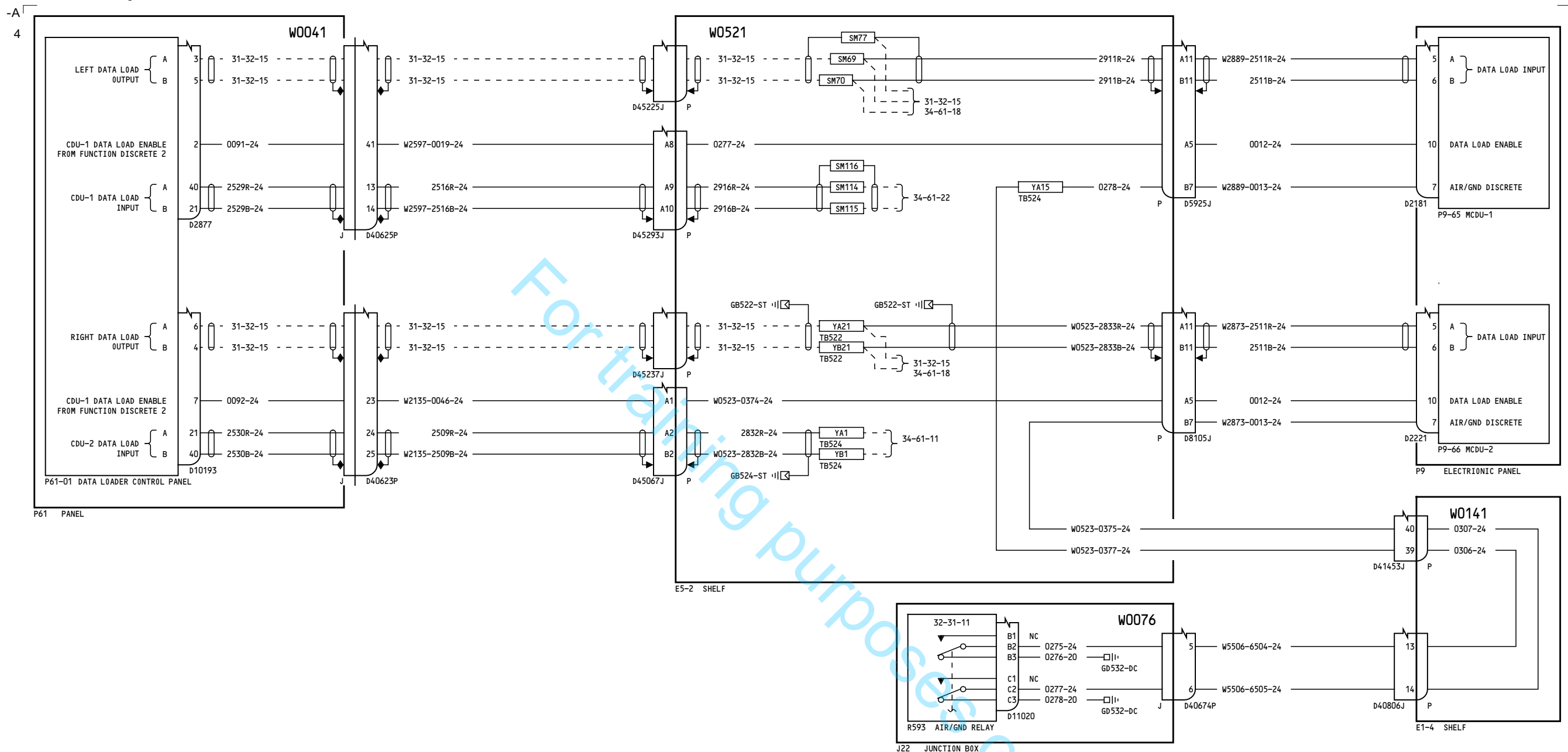
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CDU/MCDU/DATA LOADER  
INTERFACE

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