

# ***Use Custom Display Conditions***

**L5213**

**AG**

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Revision 04 – November 19, 1997

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## References

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<b>Publication Title</b>	<b>Publication Number</b>	<b>Binder Title</b>	<b>Binder Number</b>
<i>Picture Editor Reference Manual</i>	SW09-550	Implementation/Engineering Operations-2	TPS 3032-2
<i>Actors Manual</i>	SW09-555	Implementation/Engineering Operations-2	TPS 3032-2
<i>Engineer's Reference Manual</i>	SW09-505	Implementation/Startup & Reconfiguration-2	TPS 3030-2

# Introduction

## Module Overview

<b>About this module</b>	<hr/> <p>This course module reviews the syntax for writing Conditions in Custom Displays. After looking at on-line displays that show you the syntax diagrams, rules, tips, and techniques related to Conditions, you will correct syntax errors in prebuilt Conditions.</p> <hr/>
<b>Objectives</b>	<p>Given a custom display containing conditions, identify the existence of a condition on a display object by the object's appearance.</p> <p>Given syntax diagrams and Conditions with syntax errors, correct the errors so that the Conditions enter successfully.</p> <hr/>
<b>Sample test item</b>	<p>This course module's Criterion Test includes the following item:</p> <ol style="list-style-type: none"><li>1. Ask your course manager to choose one or more Conditions from those you completed in the lab exercise.</li><li>2. Explain your corrections to your course manager.</li></ol> <hr/>



# Lab Exercise

## Conditions

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### Introduction

In this lab exercise you will review the syntax for Conditions, then correct syntax errors in prebuilt conditions.

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### Instructions

Identify Objects With Conditions:

1. Set path to \$Fn>TEXT  
where n = left drive
2. Read the display EXER1 into the Picture Editor.
3. Do the “modify” exercise.

After completing the exercise, you should be able to identify the existence of a condition on a display object by the object’s appearance.

If you have any questions about how to do this, ask your course manager for assistance.

About Conditions:

4. Select CONDITIONS from the MOOSE menu.
5. Go through all of the targets. When you finish, continue with the exercise.

Correcting Syntax Errors:

6. The Text File Editor can be used to write the entry port of a Target, Variant, or Condition to a text file. Then, the text file can be read into the entry port of a different Target, Variant, or Condition.

Conditions containing syntax errors have been written to text files in directory CON1 (disk AGB1). The files are:

COND1.XX, COND2.XX, COND3.XX, and COND4.XX.

Copy these files to your WORK directory on cartridge AGB1.

Read the text file into a Condition entry port, then modify the condition to eliminate the syntax error. *Refer to Table 1 for instructions on how to use the .XX files in these directories.*

Correct the syntax errors in directory CON1. If you have questions about the exercise, ask your course manager for assistance.

NOTE — The syntax diagrams for Conditions are provided on the following pages for your reference in this exercise.

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*Continued on next page*

## Conditions, Continued

### Instructions, continued

Table 1 Instructions for Using .XX Files

Step	Action
<b>Set up</b>	
1	Use SP to set your User Path to WORK (AGB1), then enter SP by itself.
2	Set the Temp File DIR to the same path as the User Path (see Figure 1).  Press [ENTER], then [CTL] [HELP] to return to the Command Processor.
3	Enter PE.
4	Because you are working with Conditions, you need something to add the Conditions to. Add four lines and label them Line 1 through Line 4.
5	Select a line, then enter A C.  RESULT: This puts you in the Condition port.
<b>Text File Editor</b>	
6	Press [CTL] [F2]  RESULT: This takes you to the Text Editor.
7	Press [CTL] [F7]  RESULT: The FILE commands menu appears.
8	Press [CTL] [F1]
9	Enter the filename. (Example: COND1.XX)
10	Press [CTL] [F2] to Get the file.
11	Press [CTL] [F1] to Quit the editor.
12	Press [CTL] [F2] to Exit with write back to the PE.
<b>Picture Editor</b>	
13	Press [ENTER].
14	<b>Do what is necessary to have a correct condition.</b> Do not Remove the Comments!! If you are prompted for a parameter type, go to a <i>Parameter Reference Dictionary</i> , or Section 22 of the <i>Engineer's Reference Manual</i> .
15	<b>Do a screen print. Highlight your changes.</b>
16	<b>Repeat steps 5 – 15 for COND2.XX through COND4.XX.</b>



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## Conditions, Continued

### Instructions, continued

Figure 1 Modify Volume Paths Display

03 Sep 96 12:30:21 1  
USER PATH : \$F1>DATA>

Edit All Desired Default Paths and ENTER

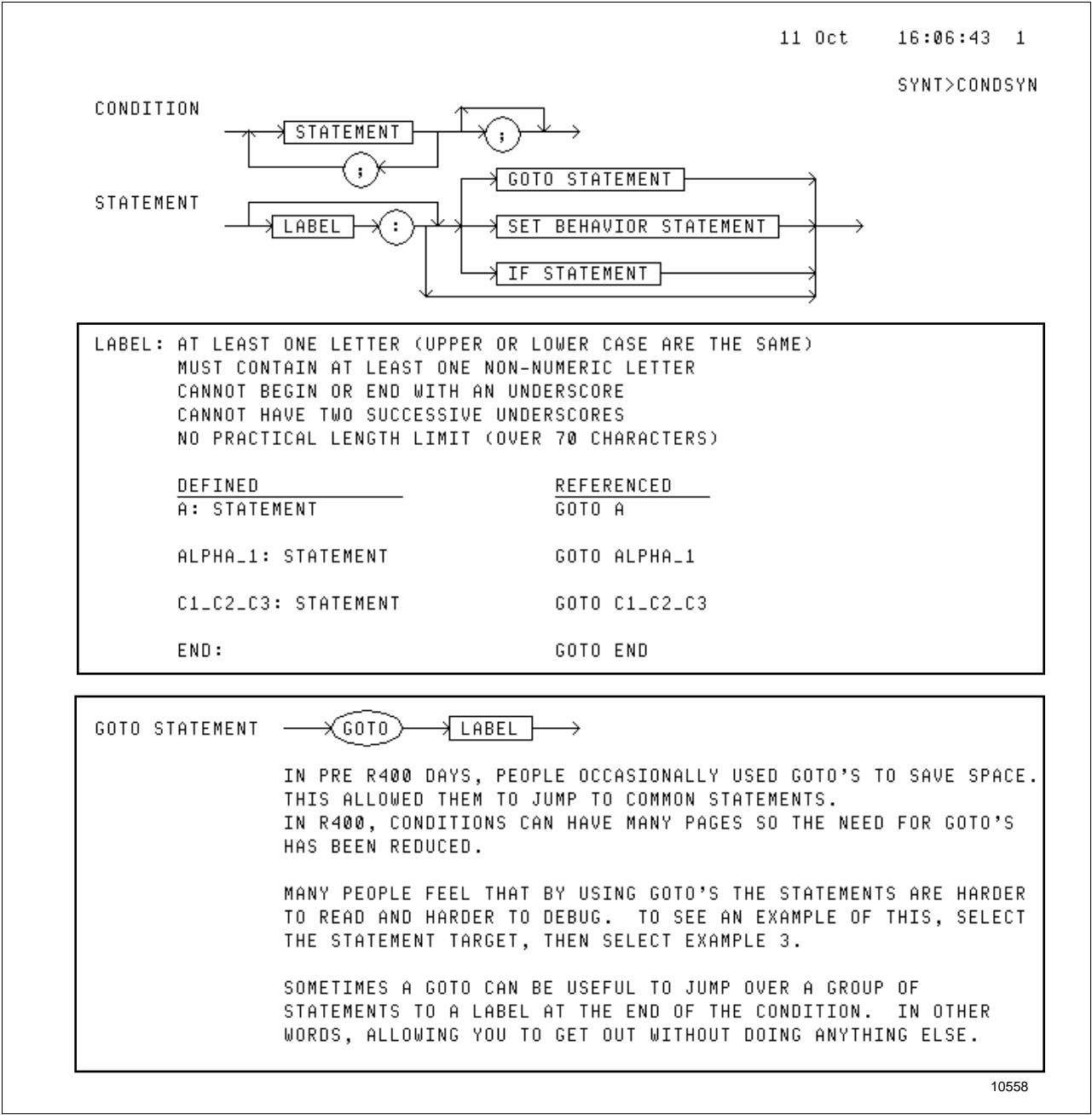
HG GDF NET>&HGG>	NETWORK CONFIG NET>&ASY>	CL OVERLAY NET>&OP1>	DEB OVERLAY NET>&OP1>	SDT OVERLAY NET>&OP1>
HM/AM/CM GDF NET>&AMG>	CL SOURCE/OBJ NET>DATA>	NOT USED NET>&OP1>	LBC OVERLAY NET>&OP1>	FIND NAMES OVLY NET>&OP1>
AREA DB GDF NET>&ARG>	CL PARAM LIST NET>DATA>	NOT USED NET>&OP1>	TRANSLATORS OVL NET>&OP1>	LOAD NODE OVRLY NET>&OP1>
CL CUSTOM GDF NET>CDSG>	USER DEFLT PATH NET>WORK>	BUTTN CFG OVRLY NET>&OP1>	CONFIGURE OVRLY NET>&OP1>	PICTURE EDITOR NET>&OP1>
NIM GDF NET>&NMG>	KEY FILE VOLUME NET>&KFO>	SMCC OVERLAY NET>&OP1>	TAC SUPPORT OVL NET>&OP1>	GENERIC OVRLAYS NET>&OVG>
NIM GDF NET>&NM2>	EXT LOAD MODULE NET>&CUS>	DOC CTL DIR NET>&DOC>	TEMP FILE DIR NET>WORK>	NCF BACKUP PATH 
SET DEVICE PATH TO REM. MEDIA	SET DEVICE PATH TO "NET"	EXIT		

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Syntax diagrams      Figures 2 – 8 show the Condition syntax diagrams.

Figure 2      Condition Syntax Diagram—Label and GO TO Statement

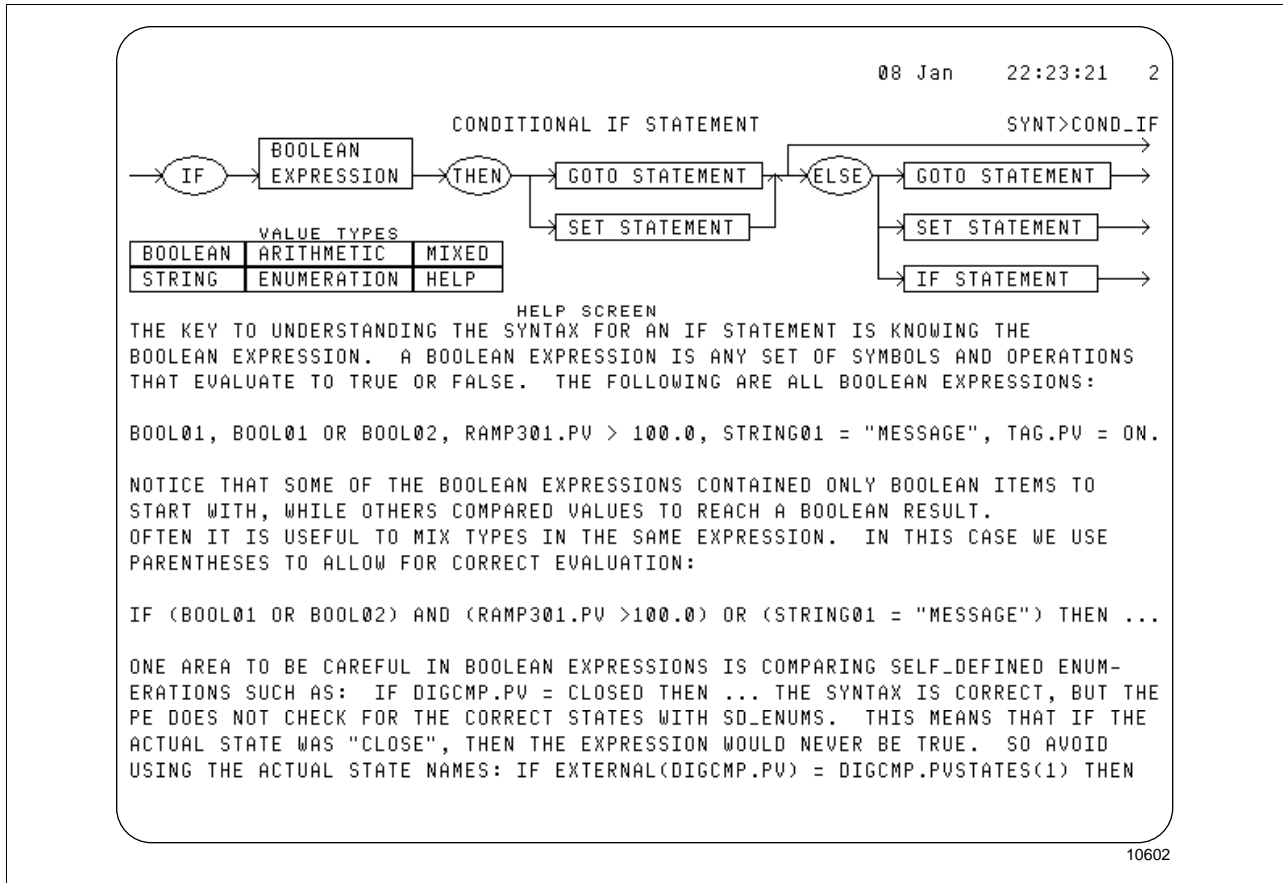


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## Conditions, Continued

### Syntax diagrams, continued

Figure 3 Condition Syntax Help Screen

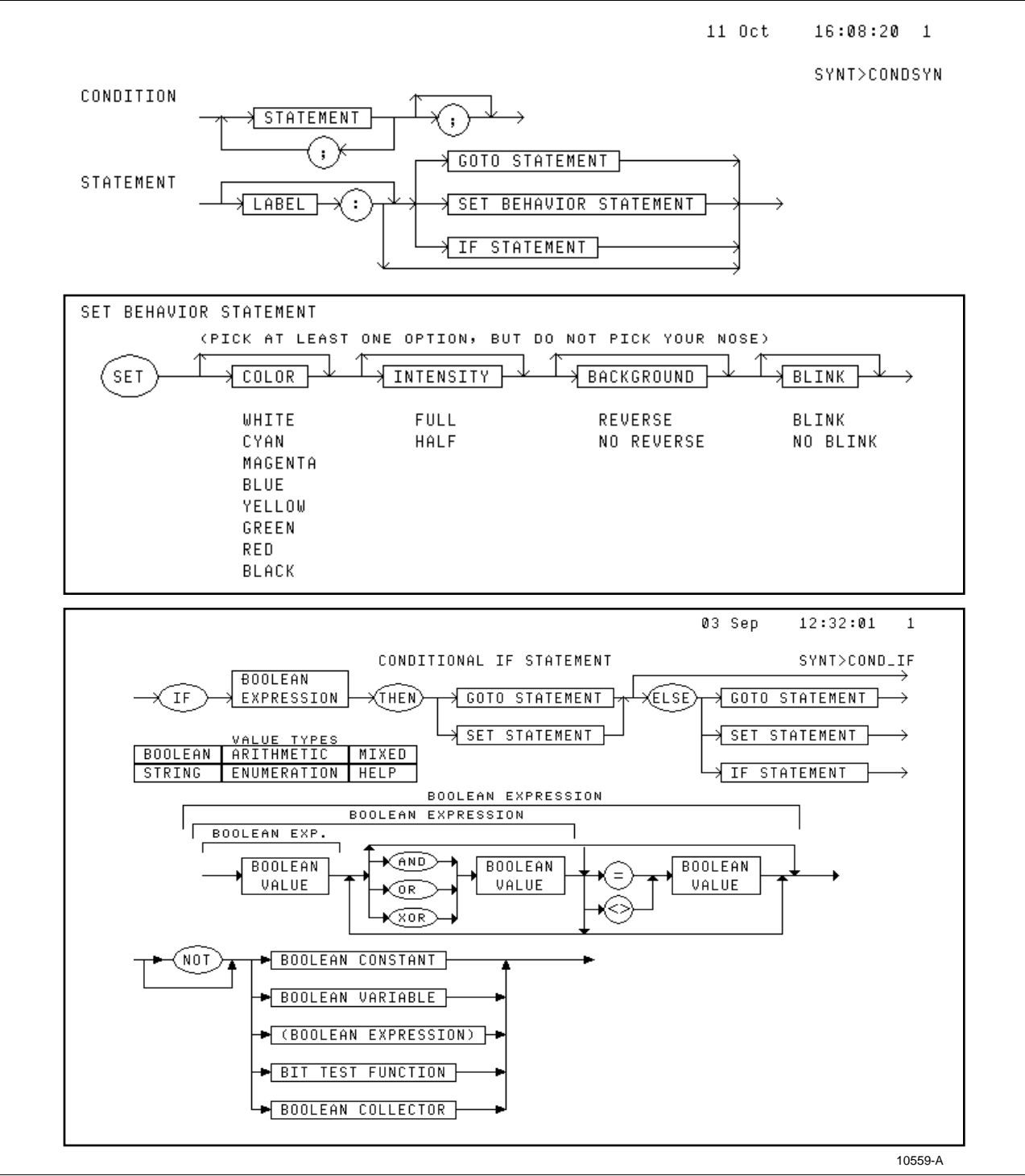


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# Conditions, Continued

## Syntax diagrams, continued

Figure 4 Condition Syntax Diagram—Set Behavior and IF Statement (Boolean)

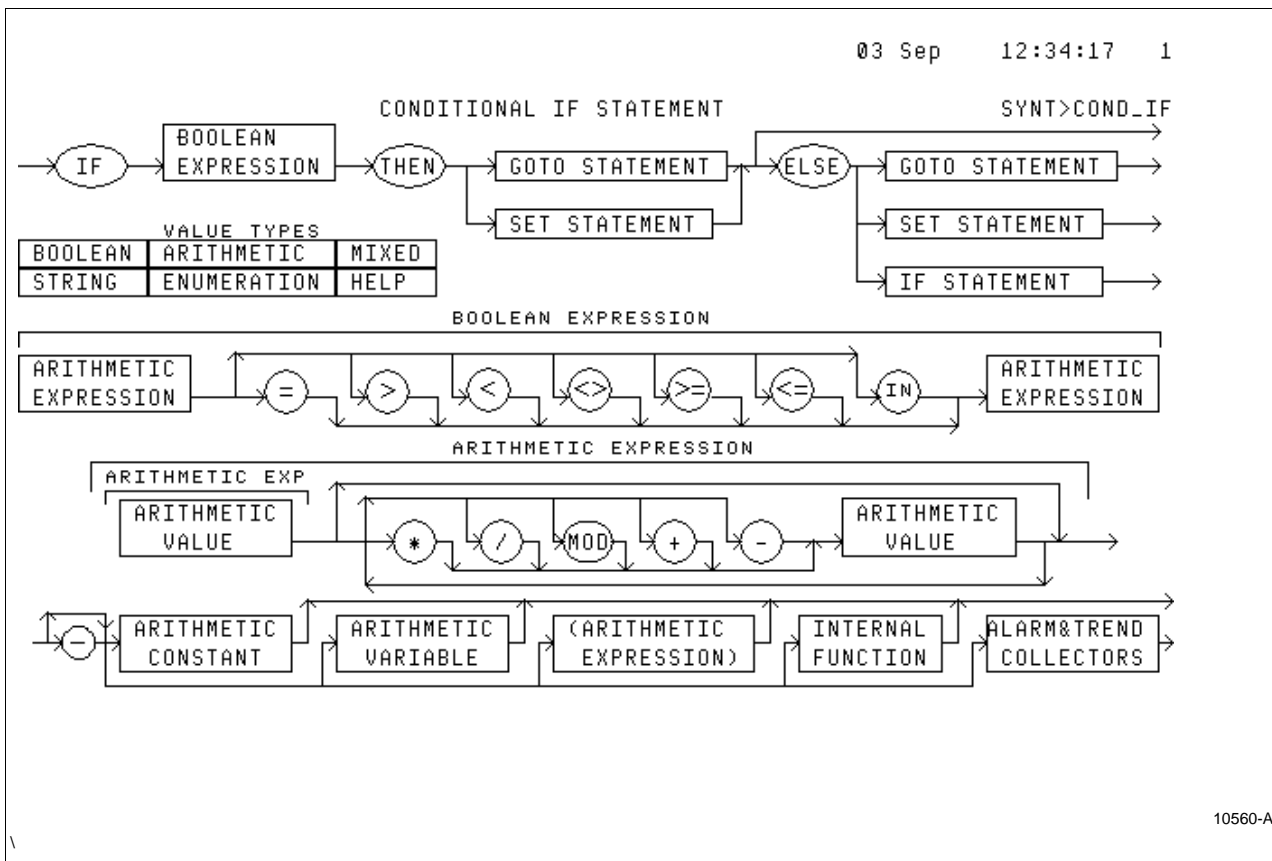


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# Conditions, Continued

## Syntax diagrams, continued

Figure 5 Condition Syntax Diagram—IF Statement (Arithmetic)

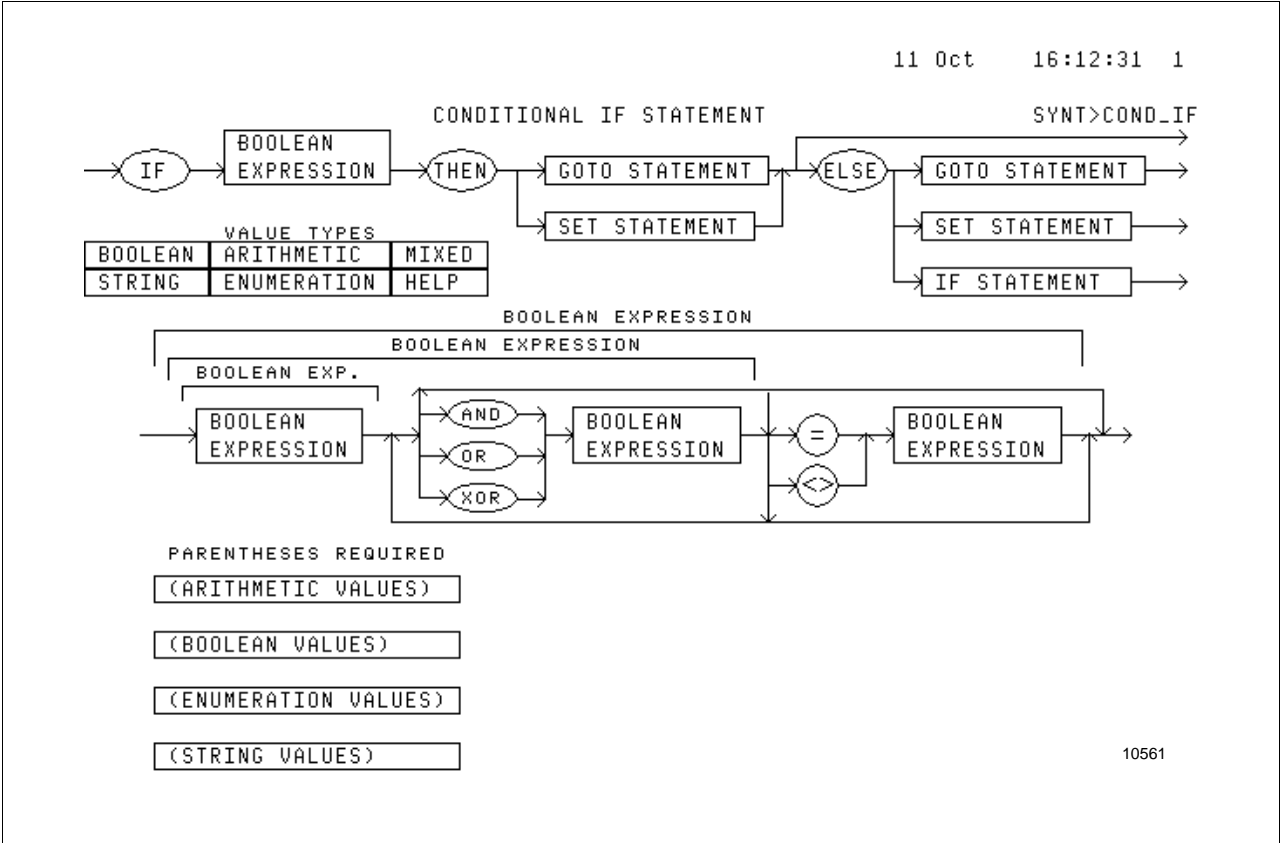


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# Conditions, Continued

## Syntax diagrams, continued

Figure 6 Condition Syntax Diagram—IF Statement (Parentheses)

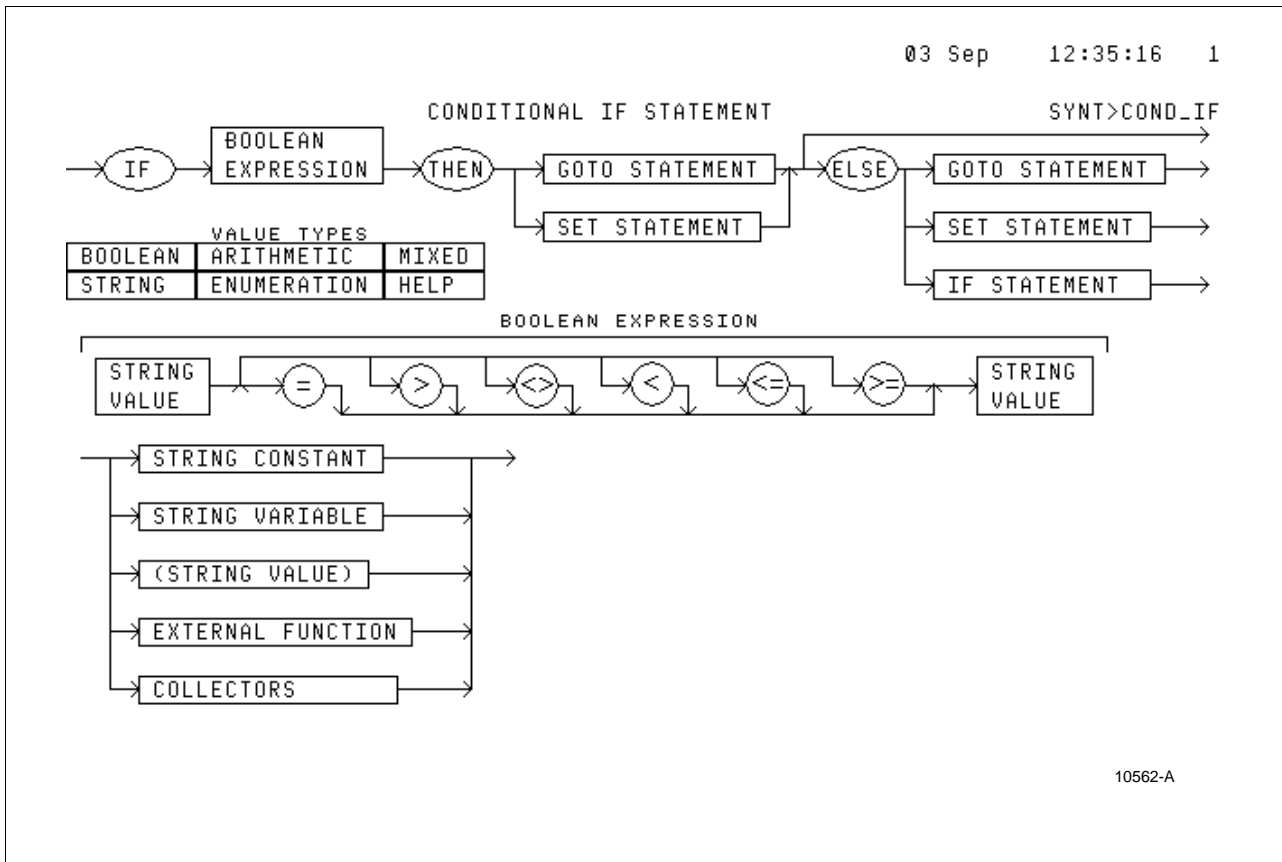


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# Conditions, Continued

## Syntax diagrams, continued

Figure 7 Condition Syntax Diagram—IF Statement (String)



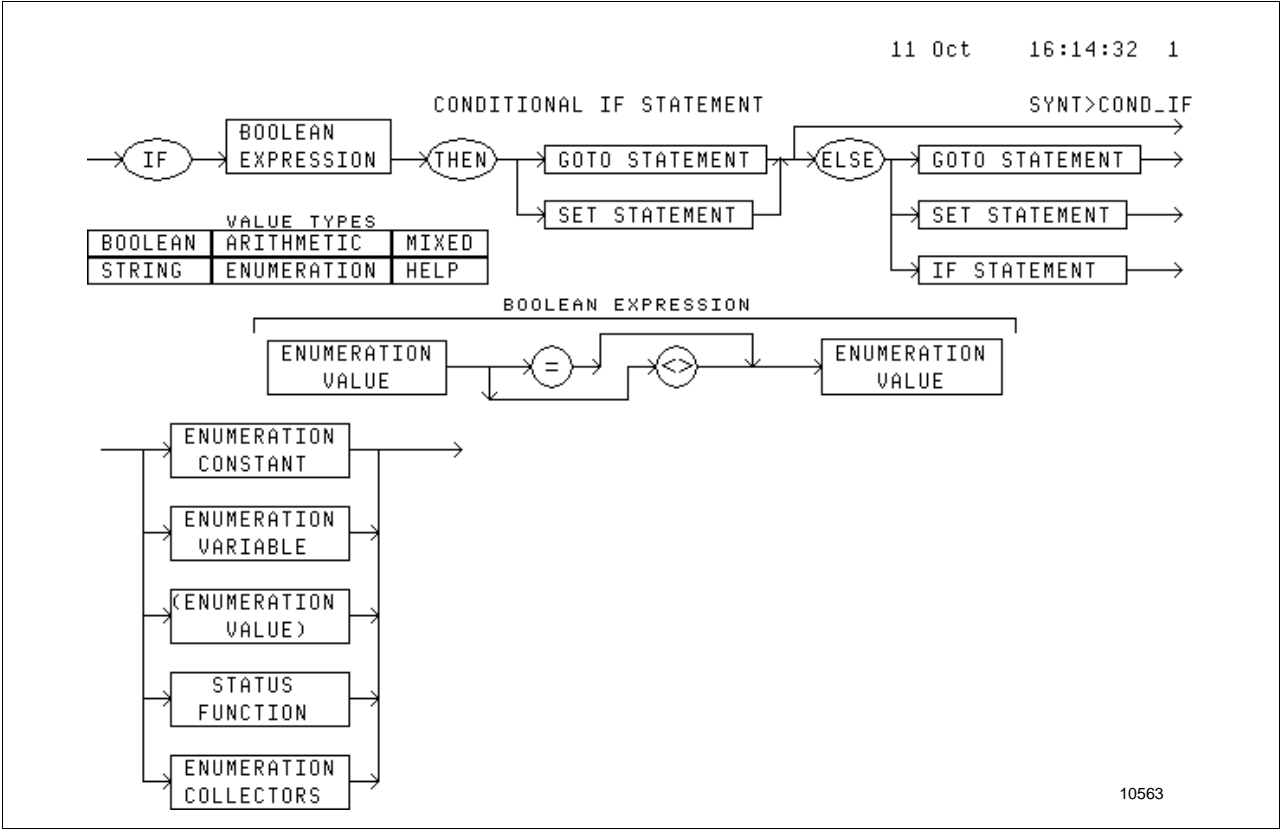
Continued on next page



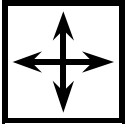
# Conditions, Continued

## Syntax diagrams, continued

Figure 8 Condition Syntax Diagram—IF Statement (Enumeration)



## Directions



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**DIRECTIONS**—This is the end of the study material for this module. Discuss questions concerning the study material or the lab activities with a colleague or a course manager

If you are satisfied that you have achieved the objectives of this module, continue with the next section, the Student Proficiency Evaluation.

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# Student Proficiency Evaluation

## Criterion Test

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### Instructions

1. Ask your course manager to choose one or more Conditions from those you completed in the lab exercise.
  2. Explain your corrections to your course manager.
-



# Self-Evaluation

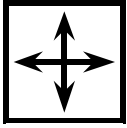
## Solutions

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COND1.XX:	<i>The parameters HIGHAL and PVSTS are common parameters found in most Parameter Reference Dictionaries. If you do not know their types, you will have to look them up. Need ; at end of second line.</i>
COND2.XX:	<i>Insert a space before the THEN on the second line.</i>
COND3.XX: (See	<div><div>1. NMSCHPR is PSDP parameter for US of type REAL.</div><div>the Engineer's Reference Manual, Section 22.)</div><div>2. Status return argument should be NO_ERROR.</div></div>
COND4.XX:	<i>Then set no blink.</i>

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## Directions



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DIRECTIONS—This is the end of this module.

Use your course map to

- Get your course manager to sign off this module.
- Choose your next eligible module.

If you have a question

- Ask your course manager.
- 

LAST PAGE

