

# HiGAIN WIDEBAND SYSTEM 3190 INSTALLATION GUIDE ADDENDUM

Model	List Number	Part Number	CLEI Code
<b>HMS-357</b>	<b>1</b>	<b>150-2205-01</b>	<b>T3M1FH0ERA</b>
<b>HMS-357</b>	<b>2</b>	<b>150-2205-02</b>	<b>T3M1GH0ERA</b>

This addendum modifies the following PairGain® technical practice:

*HiGain® Wideband System 3190 List 1 and List 2 Installation Guide (Section Number 800-357-100-01)*

The TB2 alarm-relays connector on the backplane of the Wideband System 3190 chassis now provides external alarm reporting to the HiGain Management Unit (HMU). Pins 22-23 support either an external Alarm Cut-off (ACO) function or an external Special Signalling Channel (SSC) alarm. Pins 24-25 support a second external SSC alarm. Pins 22 through 25 have been designed to only accept dry contact alarm inputs.

From the Shelf Status menu, type **S** to access the new SSC Management screen shown below. From this screen, you can enable or disable two external alarms and assign user-defined names.

NC ●	1	CRIT
C ●	2	AUD
NO ●	3	
NC ●	4	CRIT
C ●	5	VIS
NO ●	6	
NC ●	7	MAJ
C ●	8	AUD
NO ●	9	
NC ●	10	MAJ
C ●	11	VIS
NO ●	12	
NC ●	13	MIN
C ●	14	AUD
NO ●	15	
NC ●	16	MIN
C ●	17	VIS
NO ●	18	
NC ●	19	SYS
C ●	20	ID
NO ●	21	
<input type="checkbox"/>	22	SSC1 or
<input type="checkbox"/>	23	ACO
<input type="checkbox"/>	24	SSC2
<input type="checkbox"/>	25	

HiGain HMU-319 Management Unit  
Terminal Access Option (TAO), WBS-3190 TL1/TAO Version x.x  
February 11, 1999 08:34:22

SSC Management

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SSC1 : DISABLED - EXTERNAL ACO ENABLED  
Current Status:  
Alarm Name:

SSC2 : ENABLED  
Current Status: NORMAL  
Alarm Name: DOOR OPEN

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(A) SSC1 Enable/Disable  
(B) SSC1 Alarm Name  
(C) SSC2 Enable/Disable  
(D) SSC2 Alarm Name  
(X) Exit

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Select:

View alarm status

Type the letter of your selection.

The alarm configuration selected in the SSC Management screen, causes the Shelf Status screen shown below to report status for enabled SSC inputs.

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HiGain HMU-319 Management Unit
Terminal Access Option (TAO), WBS-3190 TL1/TAO Version x.x
February 11, 1999 08:33:56

Shelf Status for: 3190 WBS DVT Rack Mount (slot# - Alarm Status)
-----
1 - *LOSW          2 -          3 -          4 -
5 -              6 -          7 -          8 -
9 -              10 -         11 -         12 -
13 -             14 -         15 -         16 -
17 -             18 -         19 -         20 -
21 -             22 -         23 -         24 -
25 -             26 -         27 -         28 -
* = Slot Alarms Disabled                                Mux - NORMAL
-----
LOS Alarm Bus: NORMAL      FUSE Alarm Bus: NORMAL      FAN Alarm: ALARM
Critical Alarm: OFF        DOOR OPEN: NORMAL          Major Alarm: OFF          Minor Alarm: ON
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A - Alarm Management      S - SSC Management          M - Mux
N - Network Screen       O - Shelf Options          X - Logout <CR> - Refresh Screen
Enter Line Unit Number or Select Option:

```

**SSC1 disabled:**  
(defaults to ACO function; no status displayed)

**SSC2 enabled:**  
(user-defined alarm name showing alarm status)

**Access SSC Management screen**

- If SSC1 is disabled in the SSC Management screen, then the system defaults to provide an external ACO function. The Shelf Status screen reports no status.
- If SSC2 is disabled in the SSC Management screen, the Shelf Status screen reports no status.
- If SSC1 and SSC2 are enabled, the Shelf Status screen reports status by the assigned alarm name as either NORMAL or MAJOR.