Technical Note

LCD Drawer with Keyboard I/O FOR

Central Control Unit (CCU)

Antenna control Unit (ACU)

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COMMUNICATION WITHOUT BOUNDARIES

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1 INTRODUCTION

1.1 Overview

The CCU/ACU supplied with your system doesn't include screen and keyboard. Instead ORBIT provides you with 1U LCD Keyboard Drawer model AMK 701.

1.2 Scope

This Technical Note provides information and procedures required install and connect the LCD Keyboard Drawer to the CCU/ACU

Figure 1 LCD Keyboard Drawer

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1.3 Effective Releases

This document is effective for TVRO AND TX RX and Vsat systems Maritime Satellite Communication System.

AL-7204

AL-7205

AL-7207

AL-7208

AL-7209

AL-7108

AL-7109

AL-7107 (Orband)

OceanTrx

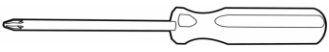|	
Note	This information is important and should be noted.
⚡	Information given in this message warns of a hazard.
⚠	Information given in this warning refers to the only safe method of installation or operation and must be adhered to.

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2 KIT INCLUDE

Quantity	Description	Figure
1	LCD Keyboard drawer	
1	Power cable	
1	VGA D-sub 15 pin to VGA D-sub 15 pin and USB or PS2 connector	

3 REQUIRED TOOLS

Tool/Part Name	Figure
Flat screwdriver	
Tie cutter	
Tie wraps	

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4 INSTALLING THE LCD DRAWER

Locate available 1U slot in the 19' rack

Note	**If you installing the LCD Keyboard Drawer on CCU with existing keyboard drawer refer to appendix A for keyboard drawer removal**

Install the LCD Keyboard Drawer in the 17' rack

Use shortest possible distance between the CCU and LCD drawer
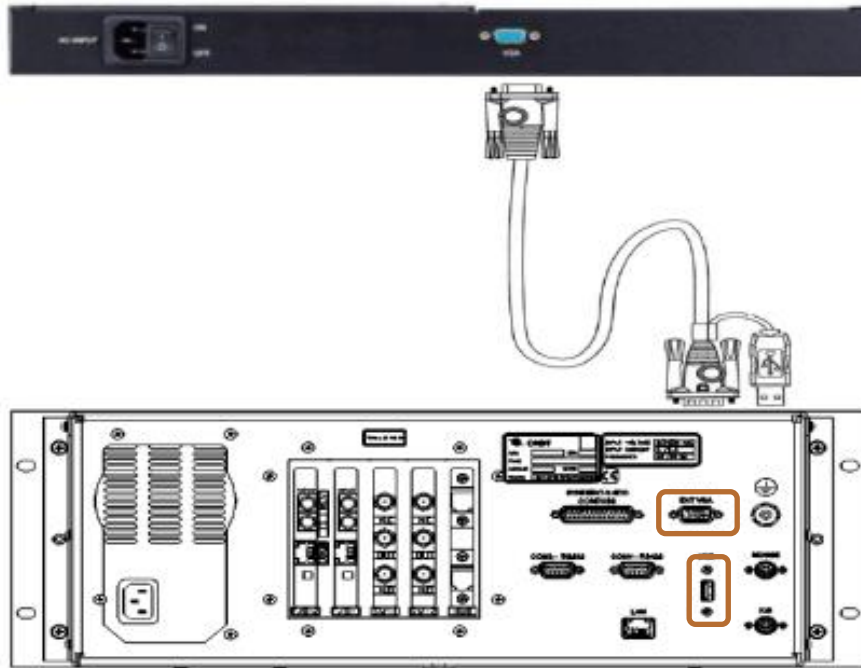

Figure 2 Rack installation

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Connect the LCD Keyboard Drawer to the CCU

Figure 3 CCU –LCD drawer connection

USB CCU side

VGA CCU side

VGA 15P **Drawer side**

Figure 4 VGA (KVM) cable

Connect the LCD drawer power cord and connect to available socket in the rack

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Figure 5 Power and VGA cables

5   POWER ON

- Power on LCD drawer. (power switch is located on the back side)
- Power on the CCU
- Verify screen power LED is green.
- Check if the image is showing and not distorted
- Verify the keyboard and touch pad are responding
- Press AUTO to optimize the display

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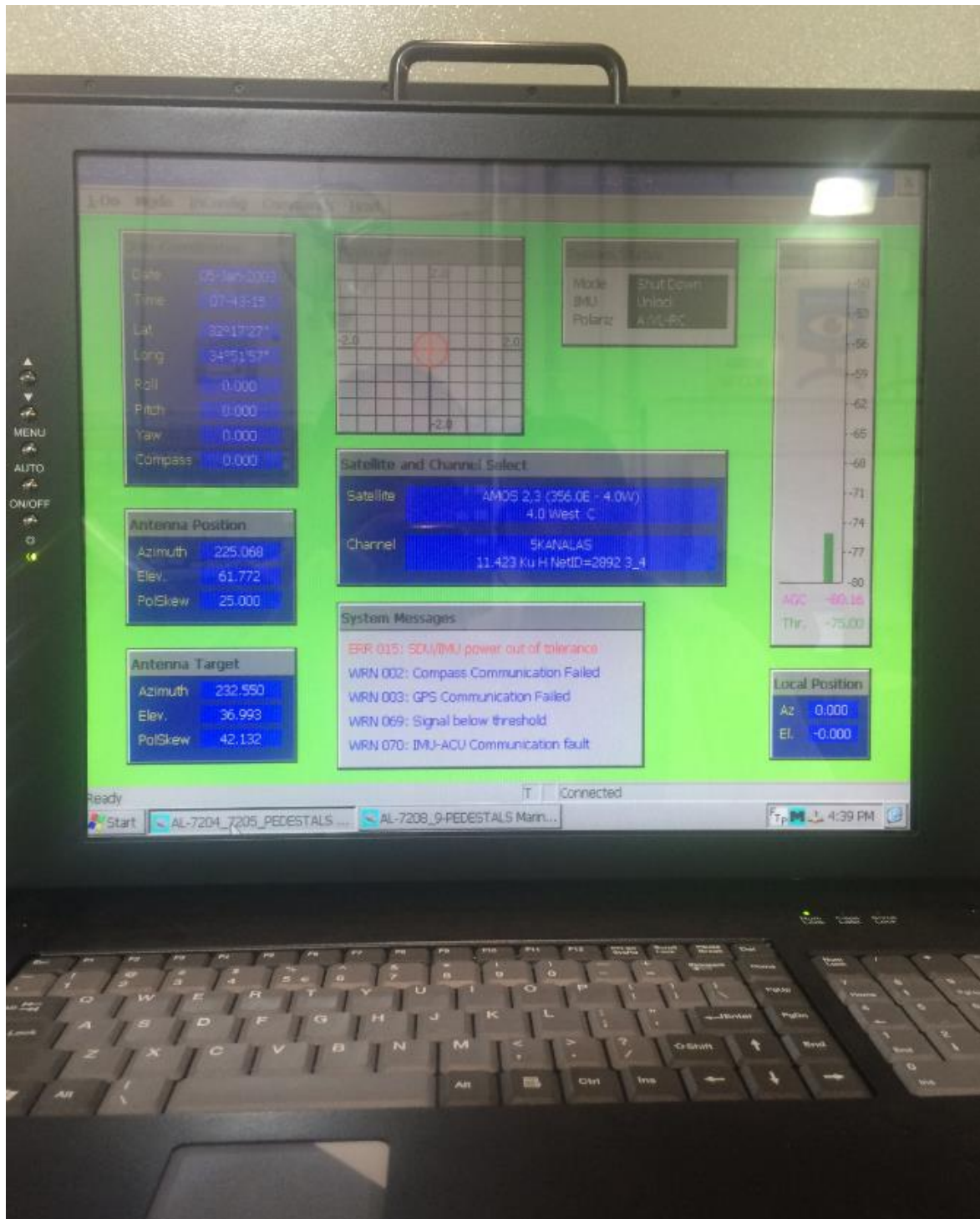
Appendix A

In case the existing keyboard has to be removed follow the steps below:
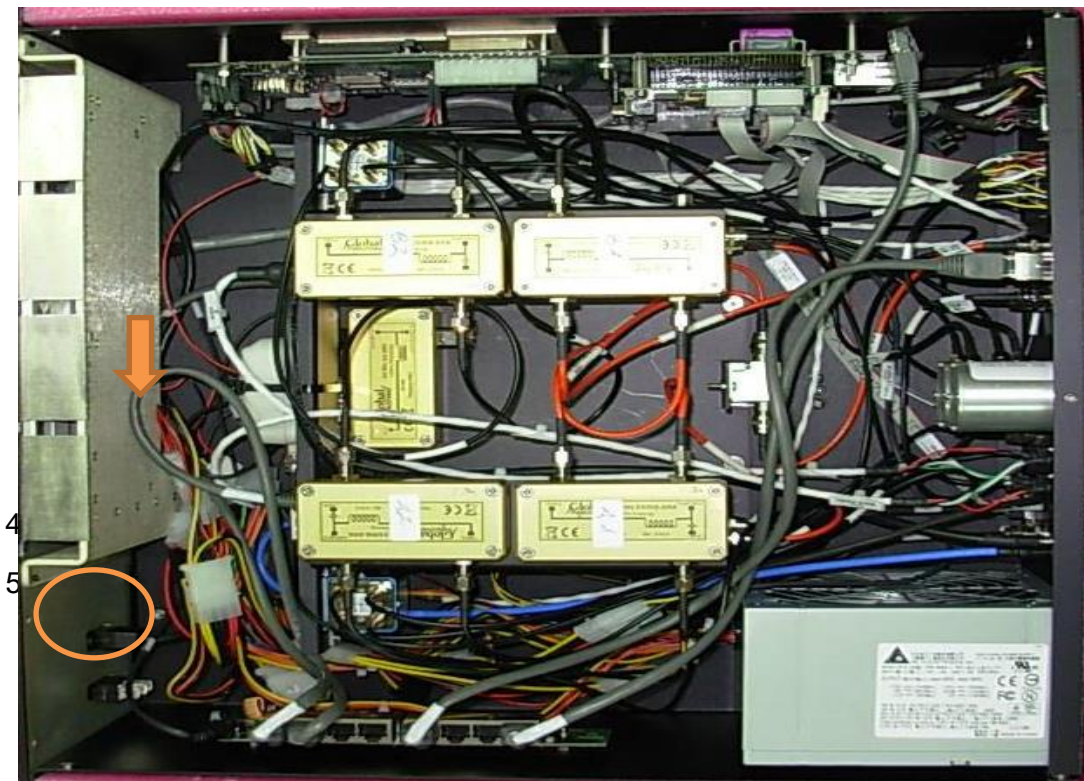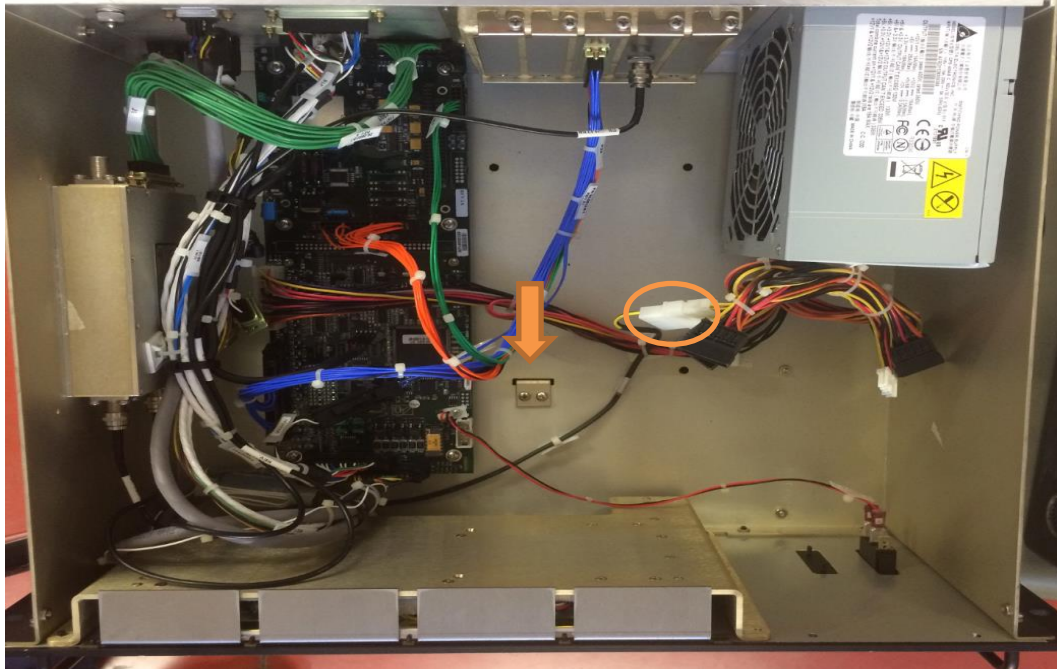
1. Remove the CCU from the rack. Open the top cover

2. Remove the 2 Philips screws securing the lock plate of the KB drawer

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3. Disconnect 4P connector (IDE power style) providing power to the internal LCD

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5.1   Rotate Back the ACU/CCU

5.2   Remove the bolts holding the rails.

5.3   Remove the drawer and the rails

5.4   Check that No screw was left inside the ACU/CCU.

5.5   Close the Top Cover.

5.6   Install back the ACU/CCU to the rack.

5.7   Install the 1U SCREEN & to the rack.

5.8   Connect the LCD Keyboard Drawer to the CCU according sections 1.1 to 3.

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