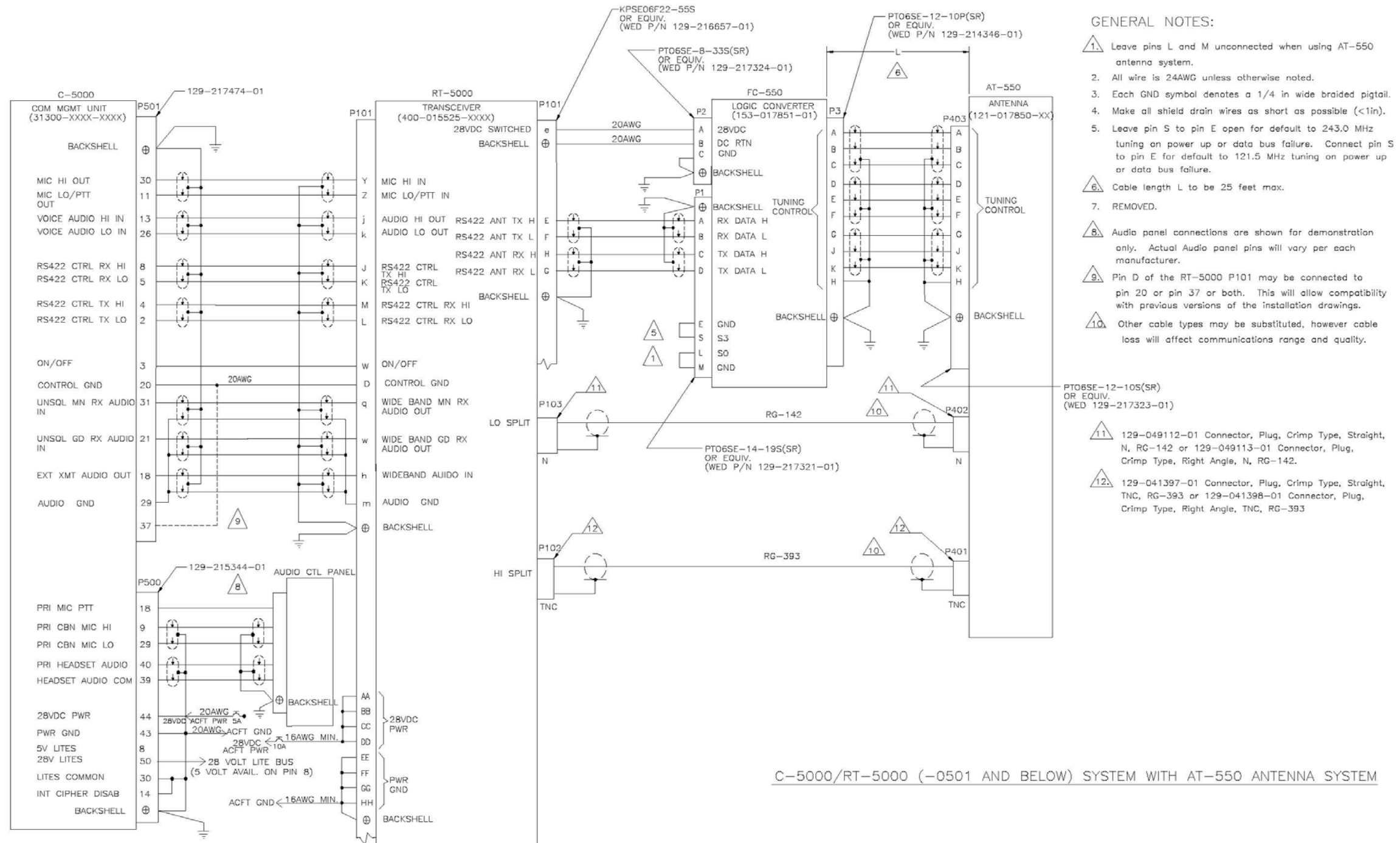


**C-5000 COMMUNICATION MANAGEMENT CONTROLLER
 INSTALLATION MANUAL**



C-5000/RT-5000 (-0501 AND BELOW) SYSTEM WITH AT-550 ANTENNA SYSTEM

**Figure 4-11c. Flexcomm II System Interconnect Drawing (Sheet 3 of 17)
 Dwg No. 152-140131, Rev. L**

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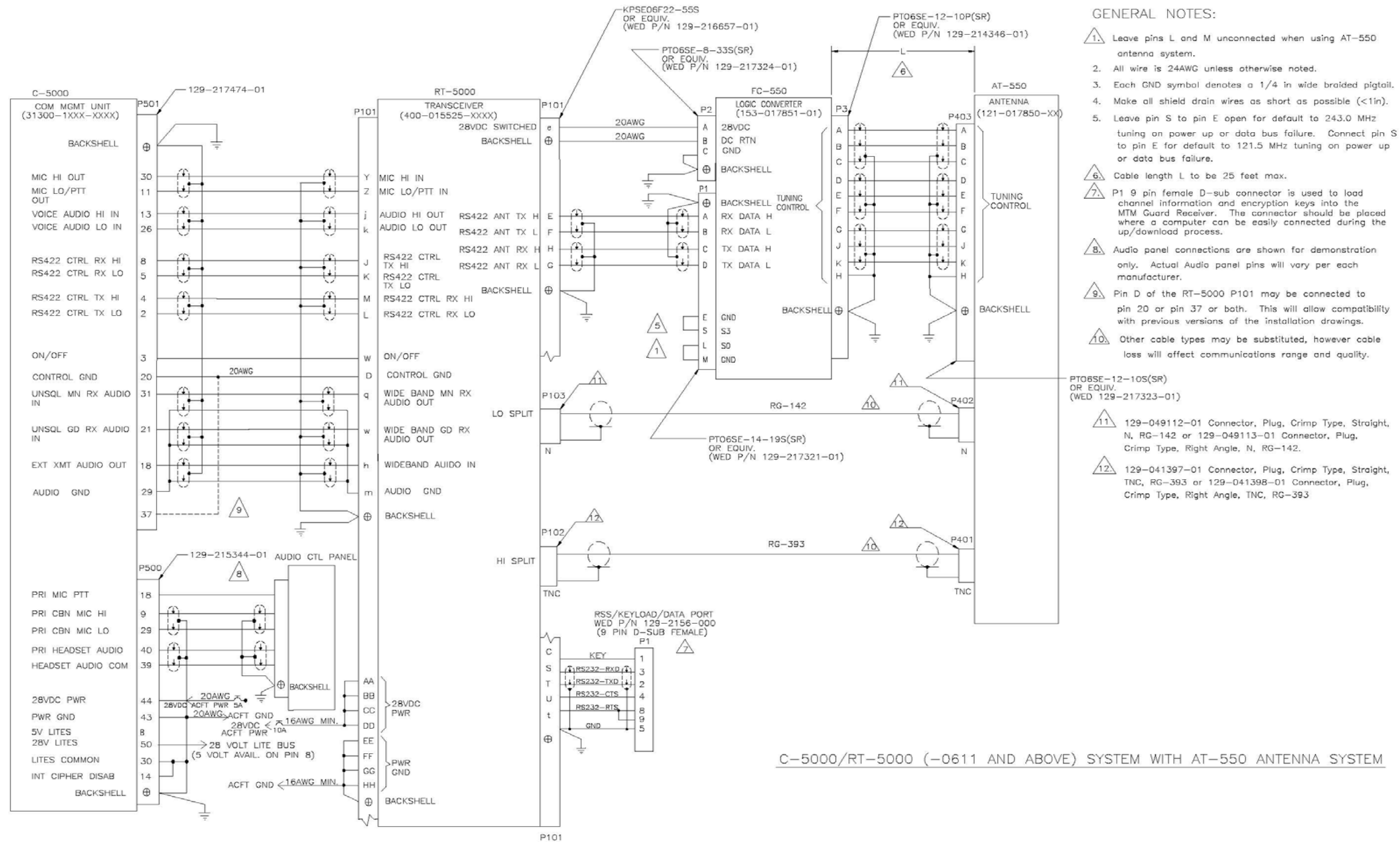
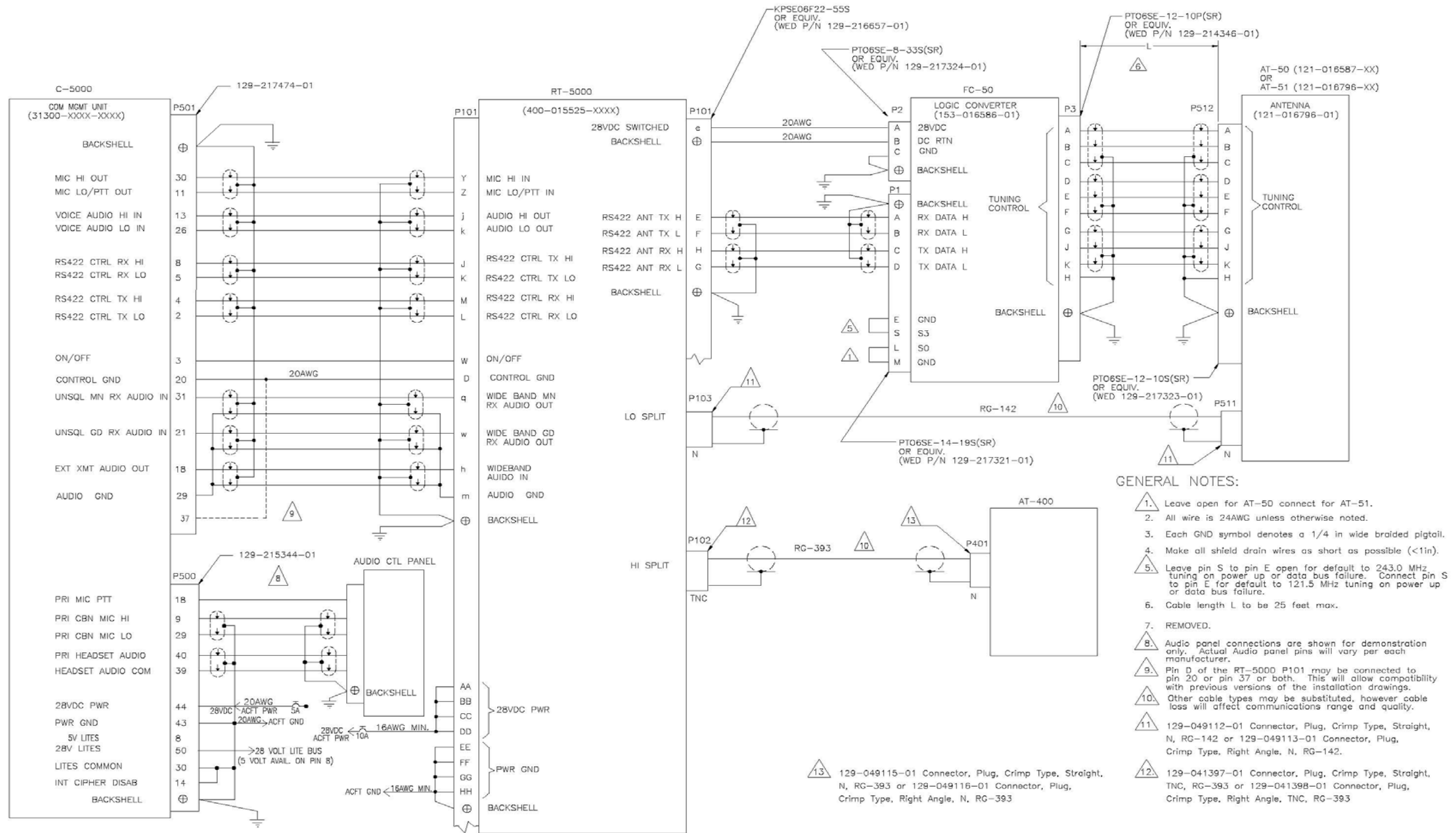


Figure 4-11d. Flexcomm II System Interconnect Drawing (Sheet 4 of 17)
Dwg No. 152-140131, Rev. L

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 INSTALLATION MANUAL**

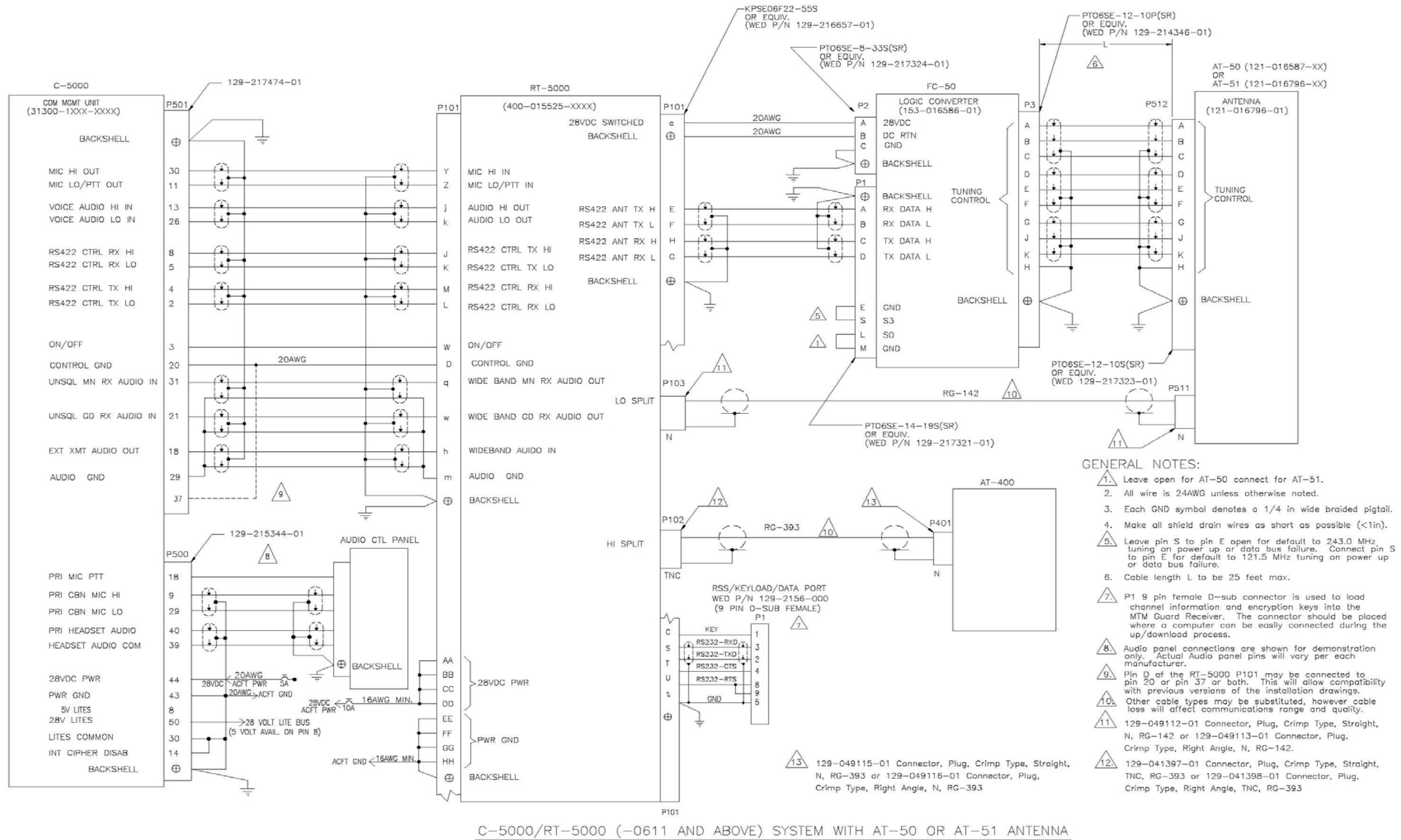


- GENERAL NOTES:**
1. Leave open for AT-50 connect for AT-51.
 2. All wire is 24AWG unless otherwise noted.
 3. Each GND symbol denotes a 1/4 in wide braided pigtail.
 4. Make all shield drain wires as short as possible (<1in).
 5. Leave pin S to pin E open for default to 243.0 MHz tuning on power up or data bus failure. Connect pin S to pin E for default to 121.5 MHz tuning on power up or data bus failure.
 6. Cable length L to be 25 feet max.
 7. REMOVED.
 8. Audio panel connections are shown for demonstration only. Actual Audio panel pins will vary per each manufacturer.
 9. Pin D of the RT-5000 P101 may be connected to pin 20 or pin 37 or both. This will allow compatibility with previous versions of the installation drawings.
 10. Other cable types may be substituted, however cable loss will affect communications range and quality.
 11. 129-049112-01 Connector, Plug, Crimp Type, Straight, N, RG-142 or 129-049113-01 Connector, Plug, Crimp Type, Right Angle, N, RG-142.
 12. 129-041397-01 Connector, Plug, Crimp Type, Straight, TNC, RG-393 or 129-041398-01 Connector, Plug, Crimp Type, Right Angle, TNC, RG-393
 13. 129-049115-01 Connector, Plug, Crimp Type, Straight, N, RG-393 or 129-049116-01 Connector, Plug, Crimp Type, Right Angle, N, RG-393

C-5000/RT-5000 (-0501 AND BELOW) SYSTEM WITH AT-50 OR AT-51 ANTENNA

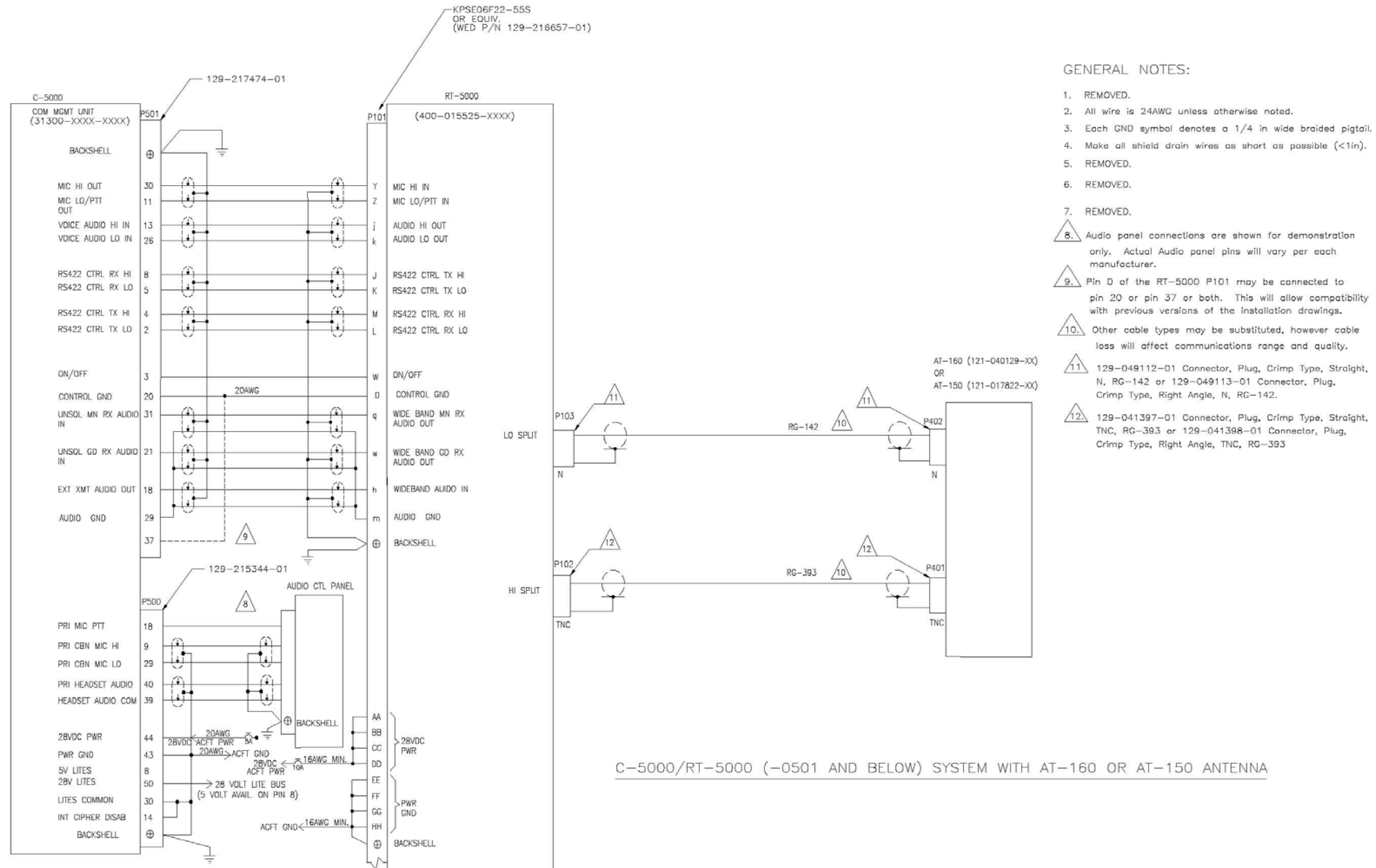
**Figure 4-11e. Flexcomm II System Interconnect Drawing (Sheet 5 of 17)
 Dwg No. 152-140131, Rev. L**

**C-5000 COMMUNICATION MANAGEMENT CONTROLLER
INSTALLATION MANUAL**



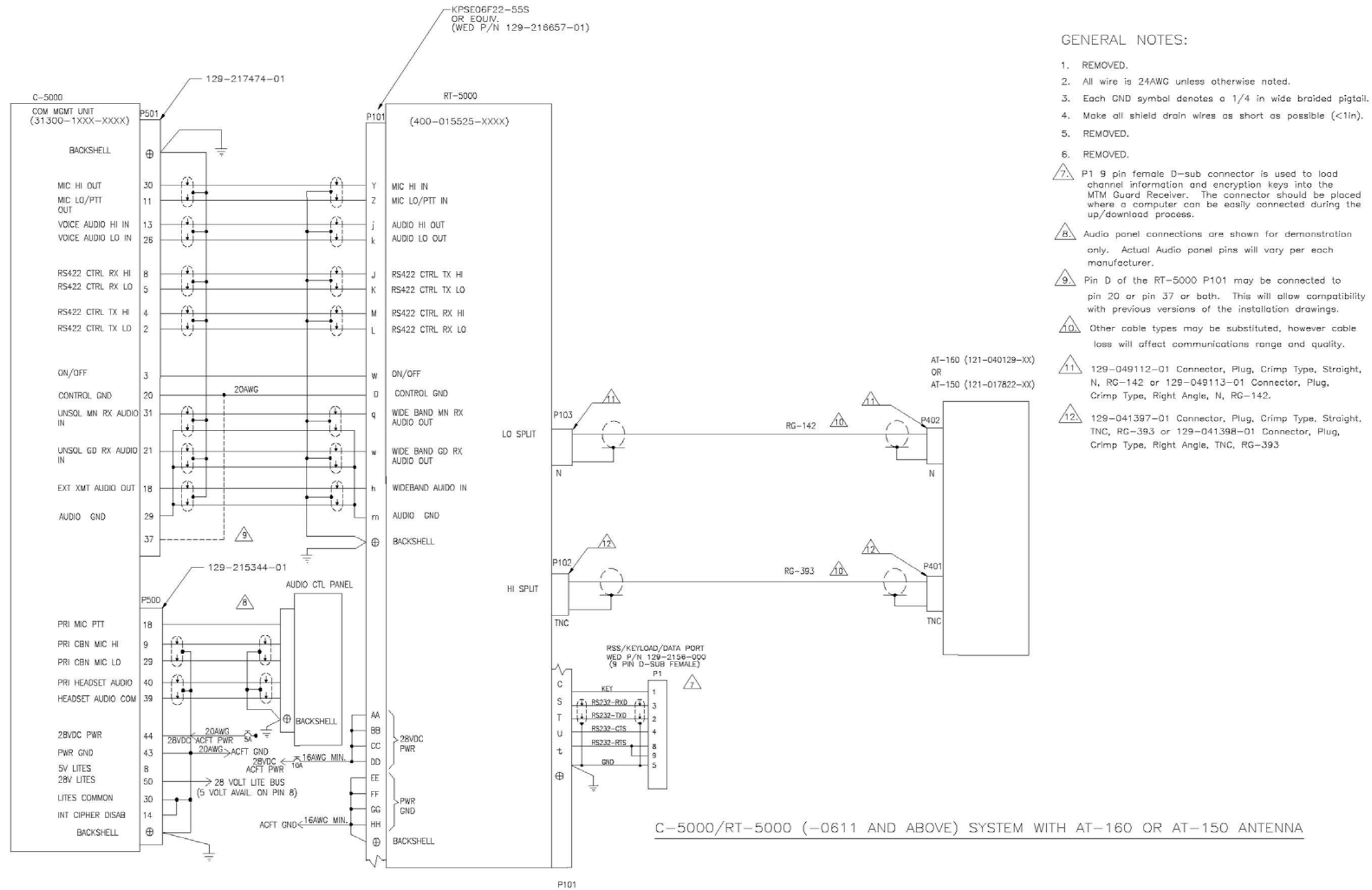
**Figure 4-11f. Flexcomm II System Interconnect Drawing (Sheet 6 of 17)
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**Figure 4-11g. Flexcomm II System Interconnect Drawing (Sheet 7 of 17)
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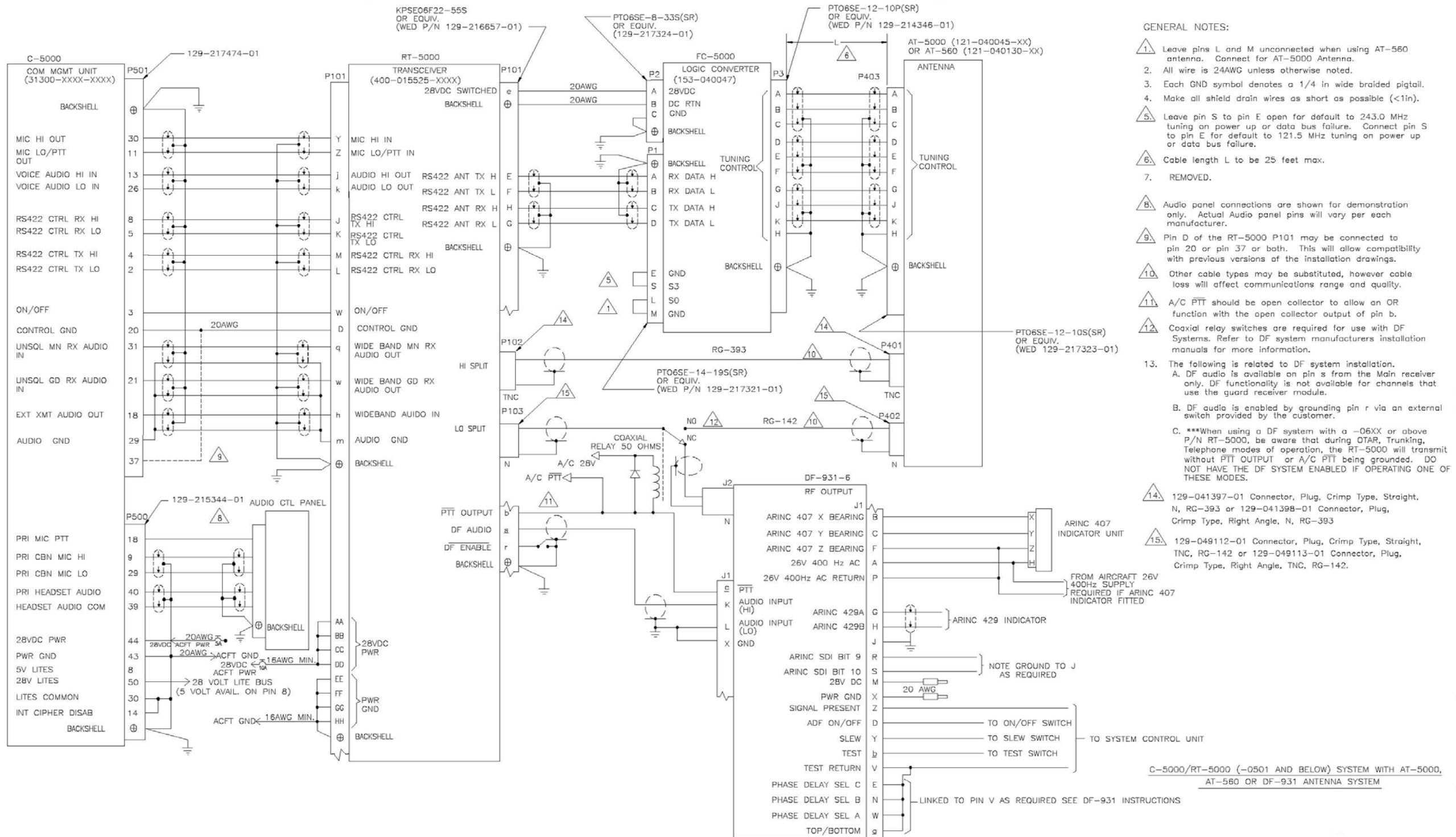
**C-5000 COMMUNICATION MANAGEMENT CONTROLLER
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- GENERAL NOTES:
1. REMOVED.
 2. All wire is 24AWG unless otherwise noted.
 3. Each GND symbol denotes a 1/4 in wide braided pigtail.
 4. Make all shield drain wires as short as possible (<1in).
 5. REMOVED.
 6. REMOVED.
 7. P1 9 pin female D-sub connector is used to load channel information and encryption keys into the MTM Guard Receiver. The connector should be placed where a computer can be easily connected during the up/download process.
 8. Audio panel connections are shown for demonstration only. Actual Audio panel pins will vary per each manufacturer.
 9. Pin D of the RT-5000 P101 may be connected to pin 20 or pin 37 or both. This will allow compatibility with previous versions of the installation drawings.
 10. Other cable types may be substituted, however cable loss will affect communications range and quality.
 11. 129-049112-01 Connector, Plug, Crimp Type, Straight, N, RG-142 or 129-049113-01 Connector, Plug, Crimp Type, Right Angle, N, RG-142.
 12. 129-041397-01 Connector, Plug, Crimp Type, Straight, TNC, RG-393 or 129-041398-01 Connector, Plug, Crimp Type, Right Angle, TNC, RG-393

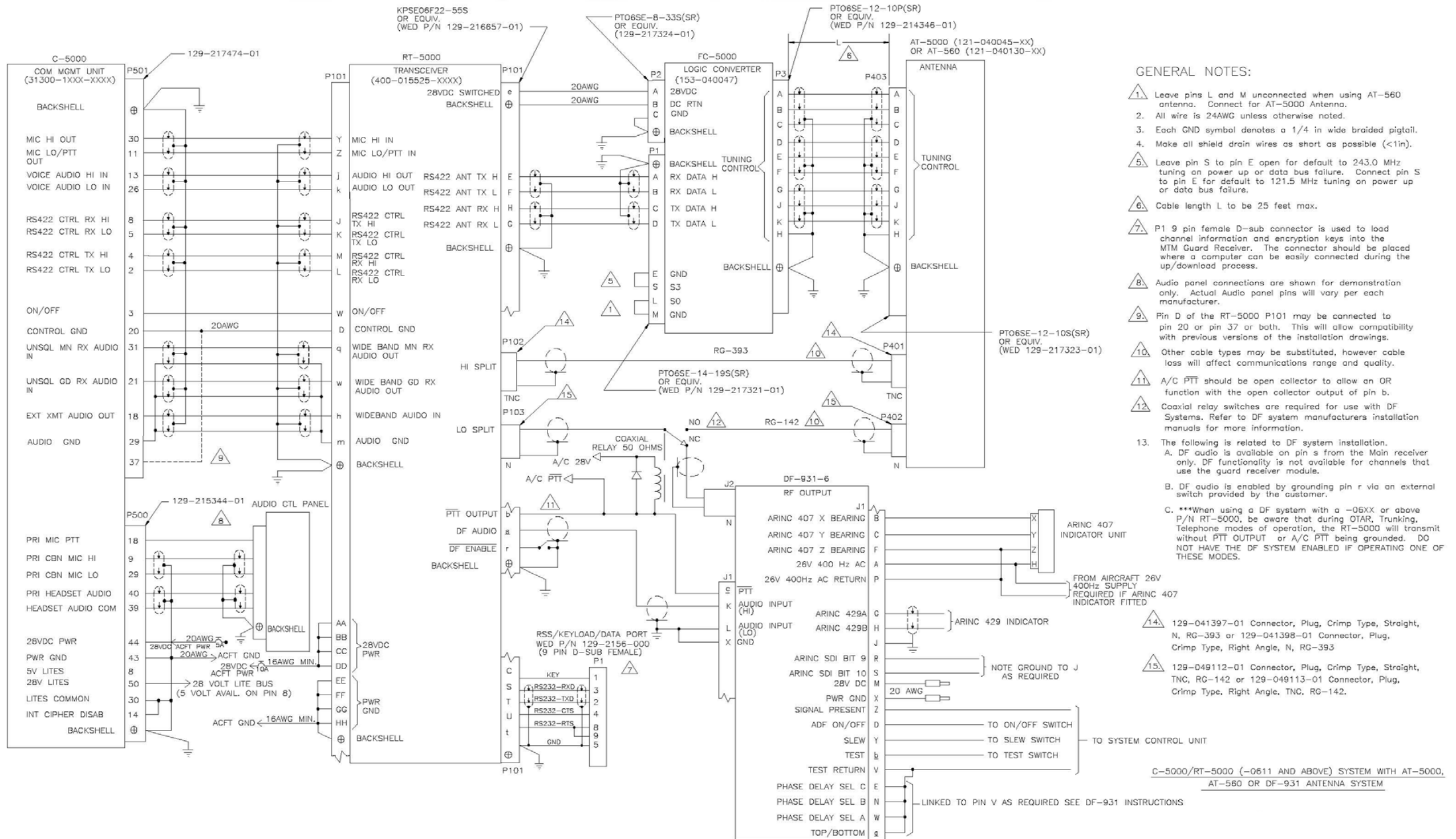
Figure 4-11h. Flexcomm II System Interconnect Drawing (Sheet 8 of 17)
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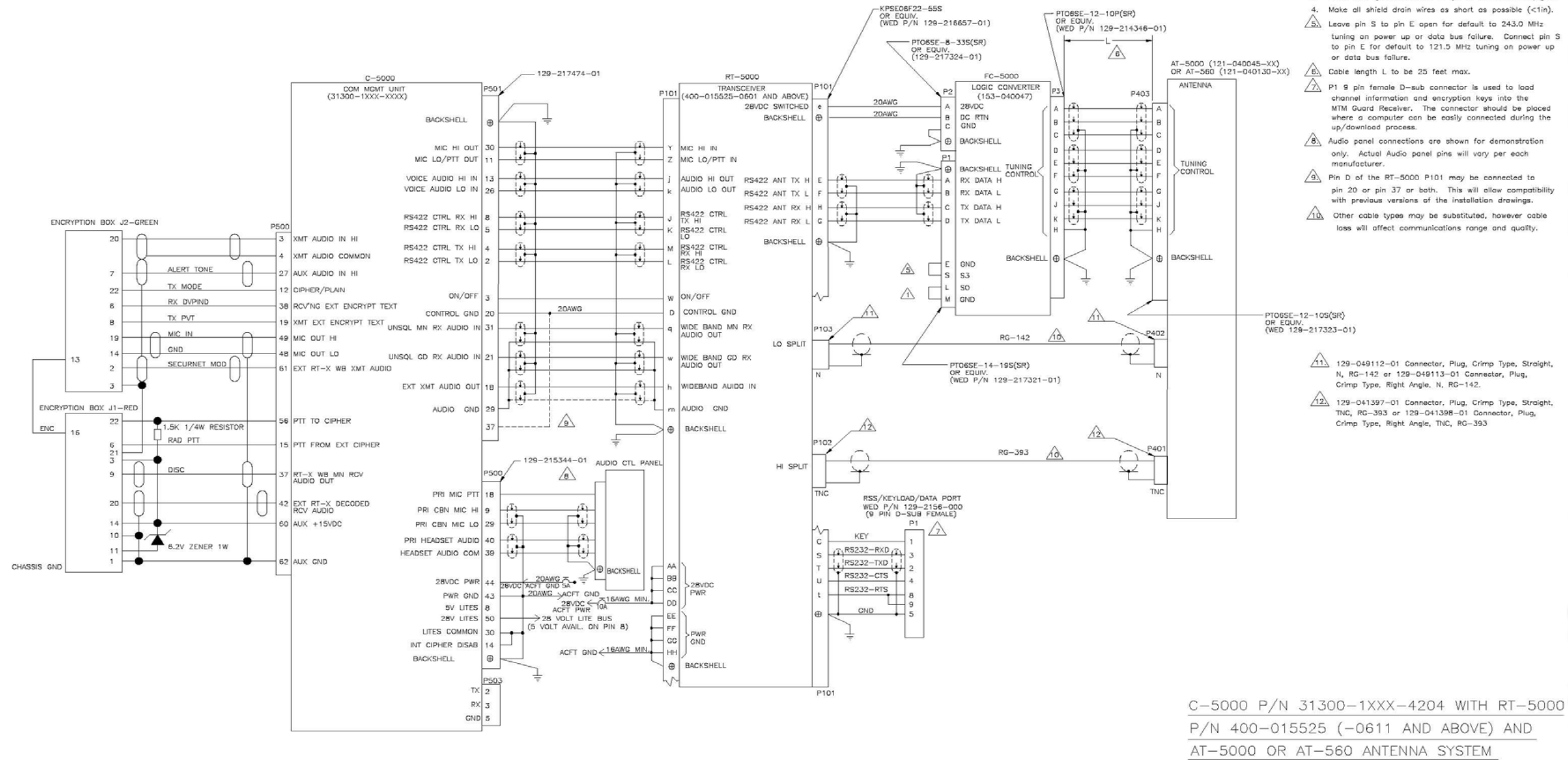
**Figure 4-11i. Flexcomm II System Interconnect Drawing (Sheet 9 of 17)
 Dwg No. 152-140131, Rev. L**

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**Figure 4-11j. Flexcomm II System Interconnect Drawing (Sheet 10 of 17)
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**Figure 4-11k. Flexcomm II System Interconnect Drawing (Sheet 11 of 17)
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