

Station ID \_\_\_\_\_ Date UTC \_\_\_\_\_ Time UTC \_\_\_\_\_

Personnel \_\_\_\_\_

**INSPECTION ON ARRIVAL**

- GPS antenna secure on mast?
- GPS antenna mast stable?
- GPS antenna cable damaged?
- Solar panels or cables damaged?
- Wind turbines or cables damaged?
- Weather station or cable damaged?
- Iridium antenna(s) or cable(s) damaged?
- Frame stable with joints intact?
- Connectors secure on outside of enclosure?

**PHOTOS ON ARRIVAL**

- General site photo
- GPS antenna, mast, and cable
- Frame, front side
- Frame, back side
- Connectors on outside of enclosure
- Close up of anything broken
- Inside the main enclosure
- Connectors on inside of enclosure
- GPS electronics board

**NETRS FRONT PANEL**

- Satellite: red 1Hz
- Data: yellow 1Hz
- Power A: solid green
- Power B: solid yellow

**NETR9 FRONT PANEL**

- Lower Left: Logging / USB
- Upper Left: SV X (X>5)
- Upper Right: Battery icon

**SOLAR AND WIND REGULATOR LED'S**

- Solar charge: green, or red with green flash
- Solar LVD: green
- Wind charge: green, or red with green flash

**KNOWN MAINTENANCE TASKS (SITE SPECIFIC – MAKE LIST PRIOR TO SITE VISIT)**

- |                                |                                |
|--------------------------------|--------------------------------|
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**NOTES**

Station ID \_\_\_\_\_ Date UTC \_\_\_\_\_ Time UTC \_\_\_\_\_

**CHECKLIST BEFORE DEPARTURE**

GPS receiver UID \_\_\_\_\_ GPS receiver firmware \_\_\_\_\_  
 Primary Iridium UID \_\_\_\_\_ Primary timer switch on/off settings \_\_\_\_\_  
 Secondary Iridium UID \_\_\_\_\_ Secondary timer switch on/off settings \_\_\_\_\_  
 Weather station UID \_\_\_\_\_ Met height above/below (+/-) GPS ant. \_\_\_\_\_

**CHECK VOLTAGES** (see MEASURING VOLTAGES section in Remote Site Visit Procedures)

Breakers OFF Main battery \_\_\_\_\_ Aux bank 1 \_\_\_\_\_ Aux bank 2 \_\_\_\_\_ Aux bank 3 \_\_\_\_\_  
 Solar 1 \_\_\_\_\_ Solar 2 \_\_\_\_\_ Solar 3 \_\_\_\_\_ Solar 4 \_\_\_\_\_  
 Wind 1 \_\_\_\_\_ Wind 2 \_\_\_\_\_  
 Heat pad  $\Omega$  \_\_\_\_\_  
 Breakers ON Load V \_\_\_\_\_

- All connectors attached to INTERNAL enclosure wall  
 All connectors attached to EXTERNAL enclosure wall

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**SOLAR AND WIND REGULATOR LED'S**

- Solar charge: green, or red w/green flash  
 Solar LVD: green (magnet to reset if red)  
 Wind charge: green, or red w/green flash

- Secondary Iridium check, if installed (use active SIM)  
 Move active SIM to primary modem, backup SIM to secondary  
 Interior Photographs  Close-ups of GPS electronics board  Overall view inside the main enclosure  
 Power connectors on enclosure wall  RF and ground cables on enclosure wall  
 Anti-static bag, alligator clip leads, ground wires  
 Verify all breakers on (red showing)  
 Enclosures closed, latched, and strapped  
 Exterior Photographs  Frame, front side  Frame, back side  Connectors on enclosure wall  
 Top rail: Met, Iridium  Anything damaged  Anything you changed  
 Primary Iridium check

**NOTES**