PI and Project _____

Station 4-CHID _____ **Station Name** _____

Location _____

PART 1: EQUIPMENT DETAILS FILL OUT PRIOR TO DEPLOYMENT

GPS RECEIVER

UNAVCO ID _____ Serial number _____ Receiver type _____

Firmware _____ Autodelete setting _____ Autoreboot setting _____

GPS ANTENNA

UNAVCO ID _____ Serial number _____ Antenna type _____

Radome type _____ Serial number _____

GPS MONUMENT

Monument type _____

COMMUNICATIONS

Primary Iridium UID _____ Secondary Iridium UID _____

Primary Iridium Model _____ Secondary Iridium Model _____

Primary timer on/off _____ Secondary timer on/off _____

Primary phone # _____ Secondary phone # _____

Radio modem UID _____ Radio timer on/off _____

Radio modem model _____ Radio antenna type _____

WEATHER STATION

Weather station UID _____ Weather station model _____

POWER SYSTEM

Batteries _____ Structural frame type _____

and type of solar panels _____ # and type of enclosures _____

and type of wind turbines _____ # and type of heat pads _____

Grounding plate? _____ GPS surge suppressor? _____

Iridium surge suppressors? _____

NOTES

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Date UTC _____ **Time UTC** _____ **Station 4-CHID** _____
Personnel _____

PART 2: STATION DETAILS AND CHECKS FILL OUT ON-SITE

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

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 Ω _____
Breakers ON Load V _____

☐ All connectors attached to INTERNAL enclosure wall

☐ All connectors attached to EXTERNAL enclosure wall

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 w/green flash

☐ Solar LVD: green (magnet to reset if red)

☐ Wind charge: green, or red w/green flash

IF XEOS IRIDIUM: See IRIDIUM CHECKS section in Remote Site Visit Procedures form

☐ MDM OK LED solid yellow? ☐ DAS OK LED solid yellow? ☐ SAT OK LED solid yellow?

Call UNAVCO for further communications checks

☐ Interior Photographs ☐ Close-ups of GPS & Iridium devices ☐ Close-ups of breakers and wiring
☐ Overall view of GPS electronics board ☐ Overall view inside main enclosure
☐ Power connectors on enclosure wall ☐ RF and ground cables on enclosure wall

☐ Foam cap around electronics

☐ Anti-static bag, alligator clip leads, ground wires

☐ Verify all breakers on (red showing)

☐ Enclosures closed, latched, and strapped

☐ Exterior photographs ☐ General site photo ☐ GPS mast, and cable
☐ GPS antenna, including sky view ☐ North ☐ East ☐ South ☐ West
☐ Frame, front side ☐ Frame, back side
☐ Connectors on enclosure wall ☐ Top rail: Met, Iridium
☐ Landing zone and aircraft if possible

☐ Primary dial-up Iridium check See IRIDIUM CHECKS section in Remote Site Visit Procedures form

☐ Secondary dial-up Iridium check

Date UTC _____ **Time UTC** _____ **Station 4-CHID** _____

PART 2: STATION DETAILS AND CHECKS (CONTINUED) FILL OUT ON-SITE

Site coordinates (+/- few meters) Lat: _____ Lon: _____ Hgt: _____

Obstructions in sky view > 10 degrees _____

Notes about rock surface _____

_____

Antenna height above surface (snow site only) _____

Distance from frame to GPS antenna _____

GPS antenna oriented toward true north? _____

Length / type of GPS antenna cable _____

Direction solar panels are facing _____

Weather station height above/below (+/-) GPS antenna _____

Weather station oriented toward true north? _____

and type of frame anchors _____

Anti-static bag with ground wires installed? _____

Protective gnome installed? _____

Distance to landing zone / notes about access to site _____

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NOTES

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