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## **MicroMet QuickMount - Field Installation June 10, 2007**

The MicroMet QuickMount is a quick-release mounting kit, with which the MicroMet data modem is attached to the mounting panel of a data station's equipment enclosure. The QuickMount facilitates quick and painless removal or replacement of the MicroMet data modem in the field.

### **The QuickMount consists of:**

- One 12" aluminum angle, which is fastened to the mounting panel on the **left** side of the MicroMet.
- One 6" aluminum angle, which is fastened to the mounting panel on the **lower-right** side of the MicroMet.
- One 4" aluminum "tab", which is fastened to the mounting panel on the bottom side of the MicroMet.
- One spring loaded, **Pin Latch**, which engages a 17/64" hole at the **top-right** side of the MicroMet.

All components are fastened to the mounting panel with 2 self-drilling sheet metal screws (provided).

### **To install the Quickmount in the field:**

- ☑ Pre-drill the Pin-latch receiving hole in the upper-right side of the MicroMet, using your Pin-Latch Receiving Hole Drill Jig and a 17/64" drill bit. **See Figure One.**
- ☑ Place the MicroMet in the desired location on the enclosure's mounting panel. This will be easier, if the MicroMet is already fastened to the mounting panel by the original means, or if the mounting panel is removed from the enclosure.
- ☑ Place the 4" aluminum tab on the mounting panel, under the MicroMet, centered on the lower side of the MicroMet. **See Figure Two.** Slide the tab up toward the MicroMet, until its upper lip slides over the lower edge of the MicroMet's sheet metal edge. Fasten the tab in place with 2 self-drill screws.
- ☑ Place the 12" aluminum angle on the mounting panel, immediately to the left of, and touching the MicroMet. **See Figure Three.** Fasten the aluminum angle to the mounting panel with 2 self-drilling screws.
- ☑ Place the 4" aluminum angle on the mounting panel near the lower-right side of the MicroMet. **See Figure Two.** This piece should "just touch" the MicroMet, hwnne the MicroMet is tight against the 12" angle on its left side. Fasten the 4" aluminum angle to the mounting panel with 2 self-drill screws.
- ☑ Place the Pin Latch Assembly on the mounting panel such that is pin engages the hole in upper right corner of the MicroMet. **See Figure Two.** There should be about 1/16" clearance between the frame of the Pin Latch Assembly, and the MicroMet chassis. Fasten the Pin Latche Assembly to the mounting panel with 2 self-drill screws.

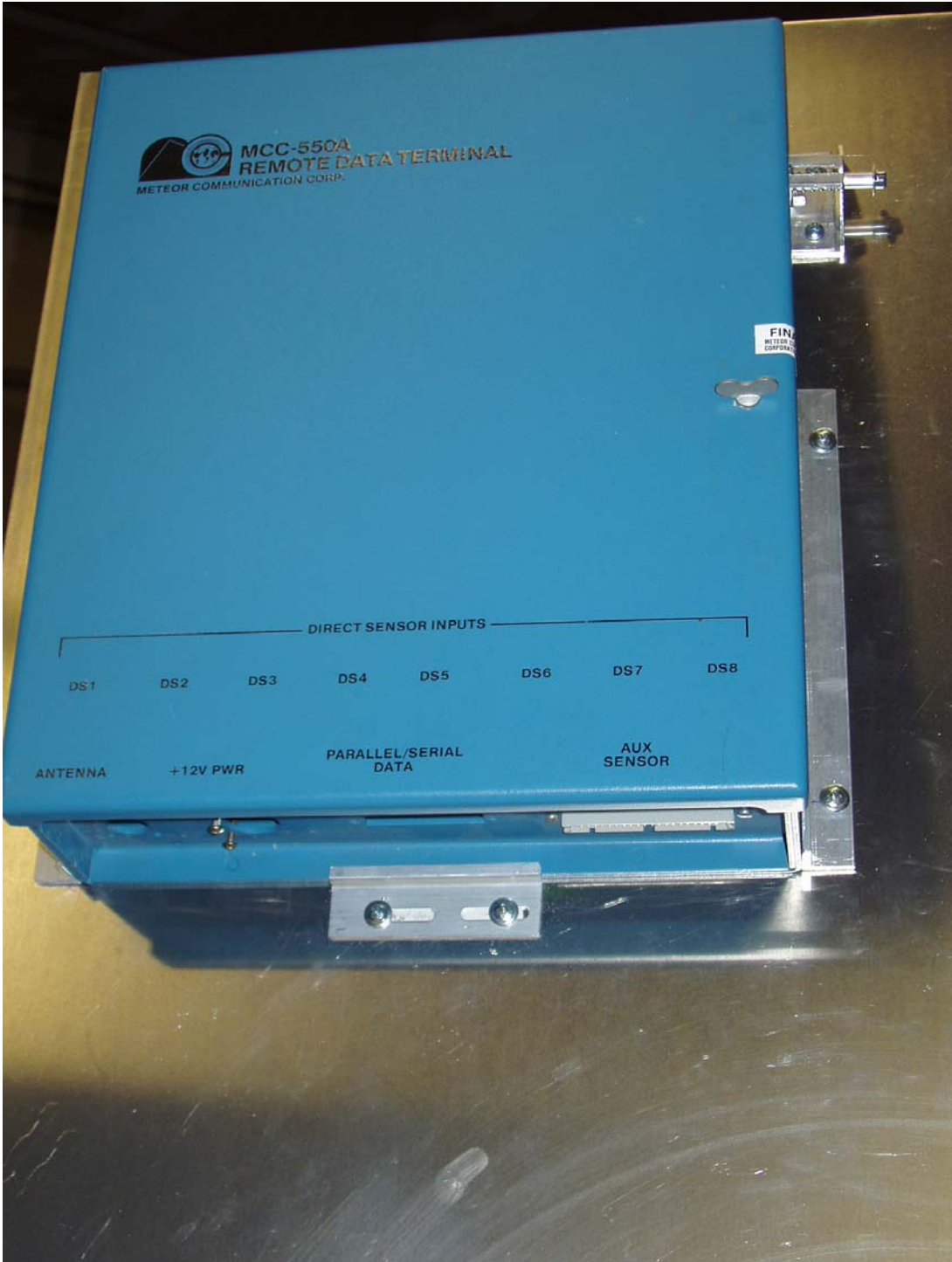
The QuickMount is now ready for service. To remove the MicroMet from the mounting panel, simply pull the Pin Latch out, by grasping its "pull knob" and withdrawing the pin from the

MicroMet Chassis, then pull the MicroMet slightly away from the mounting panel. Lift the MicroMet up and out for complete removal from the mounting panel.

**Don't forget to remove any of the original mounting components from the MicroMet and the mounting panel.**



**Figure One – Drilling the Pin Latch Hole**



**Figure Two – Right View**

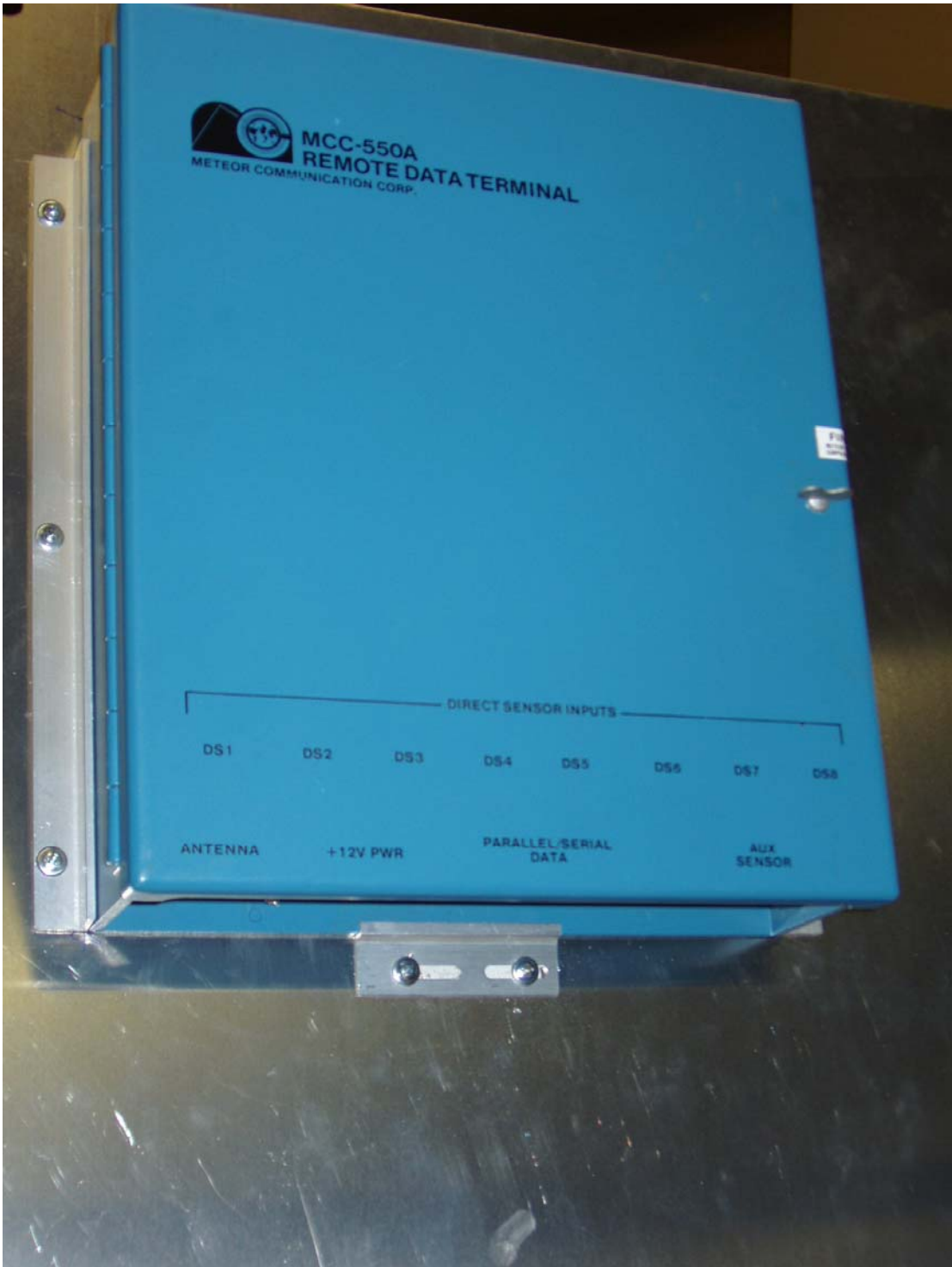


Figure Three – Left View