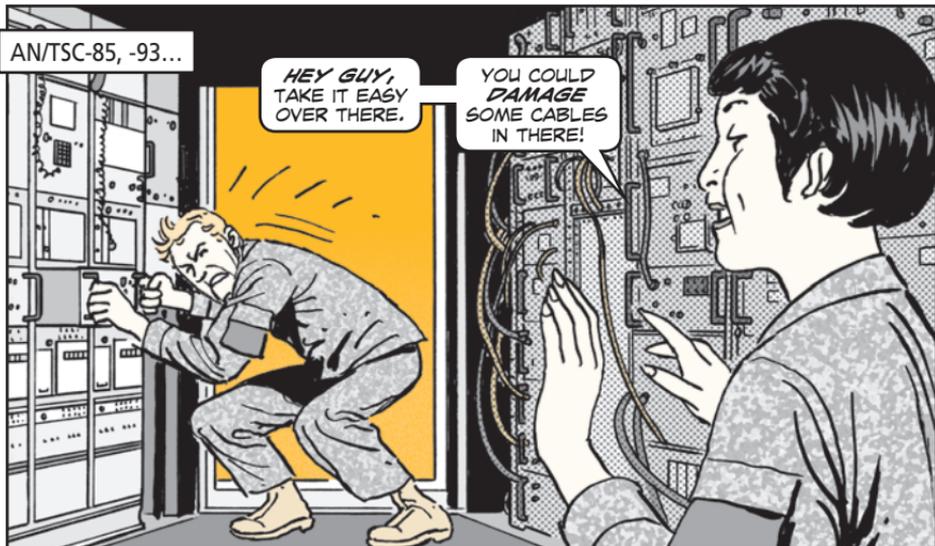


AN/TSC-85, -93...

HEY GUY,  
TAKE IT EASY  
OVER THERE.

YOU COULD  
DAMAGE  
SOME CABLES  
IN THERE!



## ***Fight the Kink!* Resist the Shove**

Dear Editor,

The AN/TSC-85 and -93 satellite communications terminals have at least one rack that has the AM-6701/TSC high power amplifier (HPA) and the PP-8530/TSC high voltage power supply (HVPS). After doing repair or PM to either of these chassis, there is plenty of thick cabling that also goes along for the ride when sliding a chassis back into the rack.

Too often that ride is not a good one. Cables kink, pinch and bind. This leads to fraying and severing. Damaging one of the cables could trip a breaker, possibly a main breaker, deadlining a rack, if not the entire terminal.

Nobody wants to have to explain a system outage. If cable resistance is felt, or there's a "spongy" feeling while sliding an HPA or HVPS back into the rack, make sure a cable is not getting in the way. Don't just shove until the resistance is gone. Move a wiring harness out from between a slide and the chassis or otherwise out of harm's way.

T.B.  
CECOM LCMC  
Ft Monmouth, NJ

***Editor's note:*** Mr. B. points out a problem with which we're all familiar. Whether it's at home with our personal electronic equipment or in the shop, when cabling gets in the way of installation, we like to give it that extra push. Usually, we get away with it. But every once in a while, it bites us in the butt! Apparently, in the case of the AM-6701/TSC and PP-8530/TSC, it's biting way too often. So, fight the kink and resist the shove!