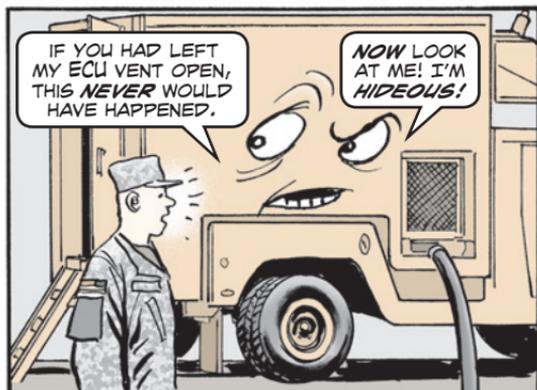
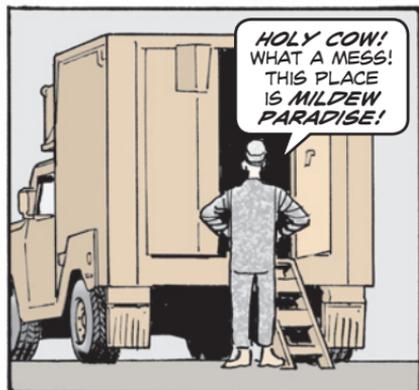


# PULL THE PLUG ON CONDENSATION



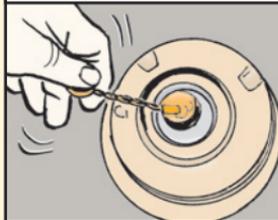
Dear Editor,

The non-expandable shelter, NSN 5411-01-473-5055, is being used with the biological integrated detection system (BIDS) worldwide. Because of chemical/biological agent threat, the shelters are as airtight as possible.

This means moisture can be trapped in the shelters when the shelters go days and days without being opened. One thousand cubic feet of air at 75°F can hold up to 1.4 pints of water. But when the temperature drops, air can't hold as much water. With nowhere to go, the moisture in the air turns to condensation and the condensation leads to corrosion and mildew in the shelter. A big mess, in other words.

It's pretty simple to prevent this mess. If there is no chemical/biological threat, pull out the drain plug in the floor of the shelter and open up the vent in the ECU. That lets air flow through the shelter and prevents moisture from building up inside the shelter.

To prevent condensation,  
pull floor drain plug...

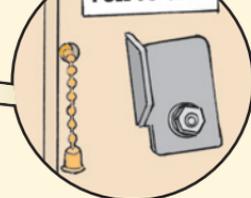


Biological Detection Systems  
APG, MD

...and open vent in ECU



**AIR VENT  
PULL TO OPEN**



**Editor's note:** Way to pull the plug on that moisture problem,  
Thanks for the tip.