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From: Sheriff, Derek [mailto:[derek.sheriff@us.army.mil](mailto:derek.sheriff@us.army.mil)]

Sent: Wednesday, April 05, 2006 2:51 PM

Subject: RE: ICRI Demo

While participating in the 2006 Defense Interoperability Training Exercise at Ft. Huachuca this March, we were able to test the ICRI you sent us in the following modes:

1. XTS-5000 on UHF Frequency A TO XTS-5000 on UHF Frequency B.

This was done by attaching one XTS-5000 on freq A to the ICRI Case and another XTS-5000 on freq B to the ICRI case via the 250' reel. We were then able to cross band the two frequencies and were able to communicate on this talk group very well with no problems whatsoever.

2. Next we connected one XTS-5000 on freq A to the ICRI case using the 250' reel and then connected a cell phone to the ICRI case. We then used this phone to place a call to another phone. After adjusting the volume on the cell phone to the maximum setting, this worked very well with no problems whatsoever and we were able to communicate from cell phone to XTS-5000 on one talk group. One thing we learned, however, was that our Nextel Blackberry7520's were not able to utilize the PTT function due to the way these Blackberry's are designed. However, we were informed by Mr. Hall that if we were to obtain a standard NEXTEL phone with direct connect features, this problem could be overcome. So we are considering this possibility.

3. Next we conducted a test using the same set up as in #1, except that we used an XTL-5000 on frequency A and an XTS-5000 on frequency B. Again, this worked very well with no problems whatsoever.

4. We also tested the ICRI with the XTS-5000 and the PRC-117 using the same set up as in #2, except that we used the PRC-117 in line of sight mode instead of an XTL-5000. Initially users on the talk group reported hearing feedback, but this turned out to be from an individual that had a handheld tuned to the same channel as the mobile radio he was transmitting on. Other than this problem, which was not due to the ICRI, the test was very successful.

5. With the same set up as described above, we put the PRC-117 into 25 kHz SATCOM mode, and were able to use a portable XTS-5000 to communicate with another PRC-117 in SATCOM mode which was set up several miles away.

During an exercise several weeks after DICE, our Survey team successfully used the ICRI while wearing level A protective suits. The set up we used was the same as described in #1. We were extremely impressed with the simplicity of the ICRI, and really like the fact that it can run on AA's as well as an external DC power source. They found the 250' reel easy to take into and out of "The Hot Zone".

We very much appreciate the opportunity to test your product.

Derek J. Sheriff  
SFC, AZ ARNG  
COMMO NCO  
91st WMD CST  
Wk (602) 267-2968  
Cell (602) 909-1849

Fax (602) 267-2679  
DSN 853-2968