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CYSE 368

Reflection #3

I have officially completed over 40 hours as a contractor for Huntington Ingalls Industries (HII). My primary duty is to configure, install, and troubleshoot our unique voice communications system. We use our voice system to support training for the Navy, and recently the Air Force. The circuit consists of a military radio, a device which converts distributed interactive simulation (DIS) protocol to real-time transport (RTP) protocol, a radio interface client, and radio interface console. Depending on the mission, this circuit can also include voice encrypting equipment, like the KY-58, or KY-99.

As I stated previously, the Air Force has recently become a stakeholder in our company, which means that there is a great need for rapid expansion. Thus far, our company has completed two of eight Air Force regions, each region consists of four to six bases. I am one of two engineers assigned to providing services to them, which means that there is quite a bit of travel involved for me. In fact, in August I will be traveling to Florida to complete a project. This will be my first trip with the company and I will be accompanied by one of the lead engineers. I expect to learn even more about my responsibilities on this trip.

For now most of my time with HII has consisted of completing and receiving training on our particular system and related topics. Just recently I attended key management infrastructure (KMI) training. In this training the handling and safeguarding of electronic keying material and other controlled cryptographic items was discussed. This is a topic that I was required to be very familiar with as an information systems technician (IT) in the Navy as it was very prevalent

within my rate, so this was a great review of the information. Overall, I am looking forward to my future with this company.