3 Dec, 2012

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**Progress Report – 1 Nov 2012 – 30 Nov 2012**

Contract Number: HSHQDC-06-D-00022

Contract Number 7500097279

Order Number: HSCG23-07-J-TED150

Task Order – Performance Work Statement (PWS) 1.12

Attachments: (1) SAROPS subcontractor financial reports

1. **SAROPS Systems Component Services Tasks**
   1. **Activities completed:**
      1. **Built a DLL for Jim to use. I did this in such a way that other functionality can be exposed, and I did not write a substantial amount of C/C++ code. Rather, I figured out how to create a JVM within C, set the classpath to contain everything in SIM’s classpath (in particular, the Sim.jar), and the JVM parameters. This involved writing a small java program that is run when the install is done.  
         In this way, I don’t have to maintain two sets of code. Everything, including the C routine that is available to Jim, is being routed through the jar file.**
      2. **Wrote a console app for Jim to mimic. This console app uses only the files that are in the new install. Since Jim does not have access to my development projects in Visual Studio, he should be able to write a console app or any COM, referring only to the install directory. I wrote my Console App to do that. So I had to modify my install, run it, and then read the result of the install.**
      3. **The only glitch on Jim’s side is that the files that I put into my install for Jim to use did not work in his debug environment. So I built a new installer that included dll’s and a lib that he could use.**
      4. **Something strange happened in the umbrella installer. NG was apparently using “-DUSER\_INSTALL\_DIR=” in its script as a command line argument to my installer.exe. That should never have worked and indeed, it stopped working. The “-D” is not supported and I did not (or at least don’t recall) define USER\_INSTALL\_DIR. Tech support from Advanced Installer verified that today. Fortunately, last week, I realized that the argument that should be used with either an .msi file or my .exe file is APPDIR=. This took a while to chase down, but I know more about the msi file nowthan I used to.**

* 1. **Travel completed:**
  2. **Upcoming activities scheduled:**
     1. **Run the Puget Sound data set.**
     2. **Update the documentation of the xml I/O of planner and simulator.**
  3. **Travel planned:**
     1. **None**
  4. **Concerns or recommendations:**
     1. **.**

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| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 48 | 255.16 | 12248 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 171 |  | 12248 |
|  |  |  |  |  |