27 Nov, 2013

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**Progress Report – 1 Nov 2013 – 27 Nov 2013**

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. **I finished Mavenizing all of my libraries (except JSC) and put everything under Git.**
   2. **Cleaned up some filePath handling and found a bug involving the initial part of a path. Unfortunately, fixing that introduced a problem that Guy reported, and I fixed that.**
   3. **Struggled with the creation of shape files. I upgraded my 3rd party library (GeoTools) as per Maven, and the new library has a slightly different behavior; it creates files that apparently do not have the same permissions as the old library. Backed off from the recommended GeoTools 10.1 to 2.7.5, but still had some problems. So I put in code that manually makes copies of the files that GeoTools creates, and that works. Whew!!**
   4. **Got the interaction between SimWebService’s GetStatus back; a flag had been inadvertently turned off.**
   5. **Found a bug in Planner that had been there for a very long time, but rears its ugly head very infrequently. In fact, if there is no SRU that takes off with a significant # of particles still pre-distress (or, for some other reason, has no LRC), this bug won’t show up at all. The nonRegression test Judy-RegTest3 violates this and if I let it run quite a while, it will hit this bug. Figured out why and an easy way around it.**
   6. **Did maintenance on Gshhs. This involves re-creating the Gshhs files from the ASA refinement, GSHHS, and USGS files.**
   7. **Finished SimLib01 and new installers (three times)****.**
   8. **Built a small demo of where the planner could go and presented it to Jack. Discussions on how to efficiently improve Planner are ongoing.**

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| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 92 | 261.27 | 24037 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 105 |  | 27433 |
|  |  |  |  |  |