2 Jun, 2017

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**Progress Report – 1 May 2017 – 31 May 2017**

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. **Getting up to speed on Jira. Accounts were made, tutorials gone through, issues submitted, etc.**
2. **Attended 2-day Developers’ Summit.**
3. **Got 2.2 going. Included migrating over to VS 2015 from VS 2010, and updating those solution files. Also had to update the installer, and distinguish it from 2.1’s installer.Had some problems with paths in the installer.**
4. **Updated and cleaned up some 2.1 code for going forward, cleaning out some anachronisms.**
5. **Set up and ran BuildSimLand again. This is to keep in practice and identify a better way of working through it. I also did this with 2.2 code as a test of the basics of the code.**
6. **Moved all of my code to .git and BitBucket. There is some problem with DI2E’s bitbucket so I’m still using my own BitBucket account. Streamlined the check-out and rebuild process. It did not go smoothly. I would like to be able to coach someone without having to stop for issues such as “WinZip cannot unpack the archive into that directory because a file name ends up too long” or problems with .ssh. I worked through all of those, but it was time-consuming. The final one was that you cannot put a space in a VM argument. I think I’m done now; the .git repository has the Virtual Studio 2015 projects, solution, and code, the java project, and the java workspace preferences. Since it was suggested that I move to a more formal version control, now that others will be compiling my code, I tried to streamline the process as much as I could. The build variables, launch configurations, pom.xml, and advanced installer script are now downloadable and minimal changes should be required after checking out the repository. We’ll see if this works after I get DI2E’s BitBucket working.**
7. **Attended a SAR mtg with Jack and Sar School at DC Headquarters.**
8. **Red Herring bug in 2.2. I think it was an Overlap Exception with a null Sru.**
9. **Discussed how to incorporate transits with Jack. This is a big problem, and we’re trying to do as little as possible. It does appear that it will require a relatively large influx of code; the VS pattern must be coded, modifying it (polishing it) must be written, rules to place it, and keep performance reasonable must be written, etc.**
10. **Participated in all CGTRK and TWG conf calls.**
11. **Kept working on Simulator write-up.**

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| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 217 | -- | -- |
|  |  |  |  |  |
| **Totals** |  | 217 |  |  |
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