1 Nov, 2011

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Program Manager

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**Progress Report – 1 Oct 2011 – 31 Oct 2011**

Contract Number: HSHQDC-06-D-00022

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. **Finished updating all third party libraries. This introduced a few compile errors as some code had become obsolete. Also, I tried to move to Java 7 for the Oct 7 build. The program ran fine outside of SAROPS. But something about the bundled Java 7 jre didn’t play well with how SIM is kicked off by ASA. Something about SIM being buried as a process has caused problems before and Java 7 wouldn’t cooperate. The program ran as part of my standalone SAROPS, but hung somewhere. I can run the installed version of SIM as an app and all is fine. When I switched back to Java 6 (a new installer that bundles Java 6), it worked fine. Many thanks to Rob for taking a preview install and running it, helping me to find this.**
      2. **Responded to concerns from both Jack and Judy about the document that I wrote indicating how to use the planner result file for the new POS table. Made small revisions in the document and sent it to both parties.**
      3. **Implemented the new way of making major moves. The case in question solves much faster now. And a selected handful of other cases do at least just as well.**
      4. **Had some problems with 1411-Beta3 install. This was a case of mixed up versions. I try (and do a pretty good job) to update a string in the code that is printed out in every case and (now) in a general output file that is written before any case is started. This string identifies the jar file that is being run, and the version of the program. Using that string, I found that an older version of a jar file was being used. After discovering that, Rob did a complete uninstall/reinstall and the problem went away.**
      5. **Small bug in the new POS table. I wasn’t considering all of the lateral range curves for the section involving Landed/Adrift particles (the right hand side tables). I got that fixed.**
      6. **Put in code so that Planner identifies which SRU/Object Type combinations are active. Makes it easier for the report writers.**
      7. **Cleaned up quite a bit of environmental data code. Still pushing forward (very cautiously) on smart AOI code. Probably won’t check that in until after 1411 is past betas.**
      8. **Identified an apparent problem with the reporting of the coverage, aes, and area. Originally thought to be my problem, it appears that I am getting the values into the file. We’ll see as we go forward.**
      9. **Re-formatted some numbers as part of the 2011-10-21 build. Hope that’s final.**
      10. **One more release to fix a bug involving Landed/Adrift in the POS report.**
      11. **Code review and documentation of the Voyage class.**
   2. **Travel completed:**
      1. **None**
   3. **Upcoming activities scheduled:**
      1. **IPR ?.**
   4. **Travel planned:**
      1. **IPR ?**
   5. **Concerns or recommendations:**

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| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 78.8 | 230 | 18124 |
| Stone | Doc | 0 | 223 | 0 |
| Vergamini | Meeting/Consulting | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 78.8 |  | 18124 |
|  |  |  |  |  |