1 Dec, 2011

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

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. **Fixed 2 problems in the 64-bit SarSchool distribution. The first was simply a build error that crept in after a few times of not running it. The second was less an error than it was a clarification of which files were being used, and how to modify them.**
      2. **Much work was done on cleaning up the log file AND changing how the files used to indicate progress were being written. While doing this, I observed that, in some cases, the shape files that I create for the etopo display take a long time to create. I put more progress steps earlier in the process, rather than when the particles start drifting. I now have them after the xml is read, after gshhs is read, after gshhs shape files are written, after etopo is read, after etopo shape files are written, and after other miscellaneous initializations. In addition, a separate file called “times.txt” is now written that summarizes the case. This has already eliminated the push towards re-doing the reading of etopo. With the new times.txt, it’s clear where bottlenecks are occurring and that reading in the etopo file is not an issue. This work was a result of a short meeting with Jack and Rob following the IPR.**
      3. **Code review and documentation of the Voyage class.**
      4. **A few glitches occurred in the times.txt and cleanup of the log files. I think I got them taken care of. While cleaning up the logging, I accidentally gutted a file that is used by ASA. Rob noticed the effect of that, and I managed to track down and fix what caused this problem. This glitch was only in a post-release jar file.**
   2. **Travel completed:**
      1. **IPR, VA Beach, 11/16-11/17.**
   3. **Upcoming activities scheduled:**
      1. **Smart AOI; consult with ASA on how to implement the stub in my code that is there for dynamically getting a new box of data.**
   4. **Travel planned:**
      1. **None**
   5. **Concerns or recommendations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 45 | 248.93 | 11201 |
| Stone | Doc | 0 | 223 | 0 |
| Vergamini | Meeting/Consulting | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 78.8 |  | 11201 |
|  |  |  |  |  |