2 Nov, 2012

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**Progress Report – 1 Oct 2012 – 31 Oct 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. **IPR.**
      2. **Code cleanup and re-did the timings. ASA can do a real progress bar for planner now if they choose; both GetStatus and progress files are working. Caused a revamping/improvement of how these signals are handled in simulator as well. The progress bar should move more smoothly now.**
      3. **Much progress on LOB Scenario processing.** **Actually completed the new way of doing multiple LOBs for a LOB scenario. Flare scenarios are unchanged. Then I took 5 test cases from Jack that had 3 or 4 LOBs each and an ellipse. On two of them, my produced ellipse seemed to match nearly perfectly. On two of them, I have the same center, orientation, and aspect ratio, but my ellipse is smaller, and one of them has really strange LOBs and I don’t match. I then went back and ran the case with every combination of 2 or more LOBs on one of the middle two cases, but my ellipse still doesn’t match. We have to run down the differences in the ellipse production. To run these cases and look at them, I enhanced my gui to draw the ellipses that were being produced.**
      4. **Responded to 2 or 3 problems that currently seem to not be in my ballpark. Still I have to look into them, and the best first guess of where the problem lay, was in my code.**
   2. **Travel completed:**
      1. **IPR**
   3. **Upcoming activities scheduled:**
      1. **Write a DLL that takes a box and produces the corrected box and all waypoints.**
      2. **Run the Puget Sound data set.**
      3. **Update the documention of the xml I/O of planner and simulator.**
   4. **Travel planned:**
      1. **None**
   5. **Concerns or recommendations:**
      1. **I’m only supported half time on this project so there are times when I’ll be all but unavailable. This month could be one of those times. I’ll be available to chase down bugs but I’m not sure how much progress I’ll make beyond that.**

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| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (Old Contract) | Coding/Doc/Travel | 78.5 | 248.93 | 19541 |
| Kratzke (New Contract) | Coding/Doc/Travel | 2 | 255.16 | 511 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 171 |  | 20052 |
|  |  |  |  |  |