02 Oct, 2014

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**Progress Report – 1 Sep 2014 – 30 Sep 2014**

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. **Attended the IPR and discussed land and Planner there. A lot more discussion during the talk than I anticipated; I had to cut it off a bit. Then private sidebars afterwards**
   2. **Prepared 2 discussions for IPR. As part of this, I created a Planner demo that had more graphics to illustrate the work on “iterate” (see item “d” below). Similarly with Land issues; did the gui so I could illustrate what should be done.**
   3. **On the Land issue, I seem to have solidified what the gui should look like and wrote one that would certainly be good enough. Also solidified what the Xml should look like. I’m pretty confident that, with about 60 hours of work, I’d be able to respond to the Xml that’s generated. In addition, I think that I have a 50/50 chance of being able to create a Gshhs-like file directly from DNC, which would practically eliminate the entire issue.**
   4. **Worked on Planner. Still trying to improve using the iterate/jump method. A lot of work on “iterate,” starting the “jump.”**
   5. **Submitted new code that uses the extra logit parameter. During Art’s discussion at the IPR, we realized that there’s a lot more to it than that; the 3 logit parameters are not all there is.**
   6. **Worked on Common Waypoint Generator by creating a new library that logs more information in response to a putative bug. Currently, it’s ignored, so I still don’t know if the bug is in my code. Did discuss this with Jack and then Jim, about how the rounding requirement may very well be messing things up since it contradicts the “perfect box” requirement.**
   7. **Ran down a problem involving buffers; when I’m not given a box, I make up a buffer and it might not be the same buffer that other people assume I’m using. In that case, Planner can achieve “separation with respect to my buffer” but not according to their buffer. No recoding; just let people know that they should give me an exclusion box if they want me to use it.**

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| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 108 | 261.27 | 27794 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 108 |  | 27794 |
|  |  |  |  |  |