3 Apr, 2013

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**Progress Report – 1 Mar 2013 – 31 Mar 2013**

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. **Light month on SAROPS. Was diverted to another Metron project. I put the pattern finder back into a dll. The new version is much lighter, easier to use, and easier to explain. I built a new installer for this as well.**
      2. **Refined the way I build output files for Planner. I did this by enhancing the plannerTimes.txt output file to make it more accurate and indicate where the bottlenecks are. Writing the planner result file was not time-consuming. However, time was spent creating the data structure that was essentially written to the planner result file.  
         Therefore I factored the creation of this data structure out of the “write planner result” routine so I could reuse the same one when I create the verbose file. So the effects were twofold: 1. Speeds up the “wrapup” portion of planner. 2. Makes it easier to put whatever information I want to put in to the “verbose” planner result file. The latter file is used for analysis and debugging.**
   2. **Travel completed:**
      1. **None**
   3. **Upcoming activities scheduled:**
      1. **Update the documentation of the xml I/O of planner and simulator.**
      2. **In early April, Rob noticed a crash in a reverse drift case. It had nothing to do with reverse drift and apparently is due to a “winds” file being given to me that has no data. I will be putting code in that handles “empty” environmental files.**
      3. **Finish the “verbose” Sim (as opposed to planner) output files.**
   4. **Travel planned:**
      1. **None**
   5. **Concerns or recommendations:**
      1. **.**

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| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 35 | 255.16 | 8930 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 35 |  | 8930 |
|  |  |  |  |  |