1 Sept, 2011

Robert Trzeciak

Program Manager

Northrop Grumman ICS

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757-631-2334 work

**Progress Report – 1 Aug 2011 – 31 Aug 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. **Wrote up July’s Monthly and attended TWGs.**
      2. **Struggled with some strange cases that can occur too frequently for comfort. They both involve rounding. Rounding is done as a post-processing step and creates a *rounded* solution from the *optimal* solution. First, there *is* a bug in the current version. If the rounded solution violates the PS/CS threshold whereas the optimal solution did not, there will be a crash. That’s fixed. Second, (and this was much more difficult to run down), if the rounded solution has overlap, the planner simply makes a perfunctory effort at clearing it and then gives up and reports the solution, overlap and all. We need to figure out how to address this.**
         1. **Tentatively, I’ve put in a flag that says ‘OverlapDueToRounding = “true”.’**
      3. **Reviewed code for computing POS table. It seems to be right, but this is a big issue for 1.4.1.1 and I’m just starting to make sure that I have everything there.**
   2. **Travel completed:**
      1. **None**
   3. **Upcoming activities scheduled:**
      1. **IPR: Sep 20.**
   4. **Travel planned:**
      1. **IPR: Sep 20**
   5. **Concerns or recommendations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 51 | 230 | 11730 |
| Stone | Doc | 0 | 223 | 0 |
| Vergamini | Meeting/Consulting | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 92 |  | 21160 |
|  |  |  |  |  |