3 Feb, 2014

Robert Trzeciak

Program Manager

Northrop Grumman IS

468 Viking Drive

Virginia Beach, VA 23452

757-498-5544 work

757-635-2628 mobile

**Progress Report – 1 Jan 2014 – 31 Jan 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. **Was presented with a time-dimension bug, found the error in the input data file, and reported it. No code change necessary.**
   2. **Bug found from case that had high coverage. Problem occurs infrequently, but is definitely a logic error. Fixed in my own 1.5. Left alone in 1.4. Not delivered yet and might not since a workaround for the symptom is available.**
   3. **Answered some of Jack’s questions about planner algorithm. In particular, how POS for a particular leg/particle is computed.**
   4. **Answered question about POS and mBeta. The mOfMBeta parameter is in meters (and hence the units label in the xml is “M”). Guy was assuming (e.g.) 12.5 M meant 12.5 nautical miles. Young was getting 0 POS from this. No code change necessary after a discussion with Guy.**
   5. **Looked into shape files problem. It is not fixed in 1.4 and we’re leaving it that way. However, I did check through the code to determine what would be required to fix it, and let Jim know.**
   6. **Worked with Judy and met about the NetGain display. No change on my part at this time.**
   7. **Contributed backup slides and discussion for IPR.**
   8. **Wrote GUI code to demo the new planner approach.**
   9. **Made progress on the planner approach. Details are very technical and involve mastering (or at least taming) a 3rd party library that’s written for Unix/C++.**
   10. **Started looking into a bug in ShutDown.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 90 | 261.27 | 23515 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 90 |  | 23515 |
|  |  |  |  |  |