2 Oct, 2012

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 Sep 2012 – 30 Sep 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. **Found and fixed very subtle, infrequently encountered, and difficult to fix bugs in merge routines. For example, eliminating a spike (when a shoreline goes from A to B and pack towards or past A) is harmless; we can go directly from A to C. Unfortunately, on very rare occasions, this introduces a crossing. I had been checking for this but there was a bug in that checking. This “introduced crossing” occurred one time and was not caught. Later on, I was doing a check “find all the crossings” and could not figure out where this crossing came from. Got that out.**
      2. **I finished the NY Harbor, Ches Bay, and Great Lakes data sets. The Ches Bay actually subsumed NYH, and so a lot of debug output was generated. I figured out why and dropped NYH. Also, the code reading the shorelines seems to be significantly faster now.**
      3. **Much progress on LOB Scenario processing.**
   2. **Travel completed:**
   3. **Upcoming activities scheduled:**
      1. **IPR; 2nd week of October.**
   4. **Travel planned:**
      1. **IPR**
   5. **Concerns or recommendations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 113.5 | 248.93 | 28254 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 171 |  | 28254 |
|  |  |  |  |  |