01 May, 2015

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 Apr 2015 – 30 Apr 2015**

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. **Polished the POS calculation code, including the output format. Wrote it up in a long document and then summarized that document in a .ppt for the IPR. The document took quite a while to write.**
   2. **Looked into CUSP (continuously updated shoreline product from NOAA) for massively overhauling sections of the coastline. Examined in detail one of the 7 sections (west coast of the US) that is available. Presented that at the IPR. Nearly half of this month’s hours were for either attending or preparing for the IPR.**
   3. **Several bugs on my end; fixed logOdds bug, and others found sweep width and pattern generator bugs. As for the latter, Jack and I actually re-defined how I should react when I’m given a fixed track-spacing and a box. These are incompatible so the question was what to do in this case? Jack adopted my terminology (thank you Jack) and, instead of “length, width, and ps/cs,” we defined what to do in terms of “first-side length” (called “along”) and “second-side length” (called “across”). Basically, given a fixed track-spacing, and values for “along” and “across,” (as well as a fixed path-length), ignore the “across.” This seemed to clean up the problems.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke (New Contract) | Coding/Doc/Travel | 118 | 282 | 31000 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 88 |  | 31000 |
|  |  |  |  |  |