2 Apr, 2012

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**Progress Report – 1 Mar 2012 – 31 Mar 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. **All above the line problems are fixed. Items ii through iv give some details about that.**
      2. **Another problem with major jumps pointed out by Jack. This one was harder. The fix is deeper and may very well improve Planner’s performance quite a bit.**
      3. **Rivers problem, or apparent problem. I couldn’t find anything that was really wrong. There are some funny behaviors, but I examined them and think it’s just the way we do the interpolation in rivers. There was a bug (I was using 2Closest for winds since I’d been trying to use “riverine” interpolation for winds, which was inappropriate), but the only difference was that I was using 2Closest instead of 3Closest. Cleaned that up.**
      4. **Examined reverse drift. There was a bug that has been there forever, and would cause crashes in some cases. Found and fixed that.**
      5. **Some additional progress on “Smart AOI.” Re-worked and re-structured some of the code making the move to winds easier.**
      6. **.Working on merging additional shp files into gshhs. I hit a significant snag since the code that I wrote before has some bugs that were not exposed during the previous merging of NHD and USGS data.**
   2. **Travel completed:**
      1. **None**
   3. **Upcoming activities scheduled:**
      1. **Fix the merging code and complete the Smart AOI**
   4. **Travel planned:**
      1. **None**
   5. **Concerns or recommendations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 49 | 248.93 | 12197 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 49 |  | 12197 |
|  |  |  |  |  |