01 Dec, 2015

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**Progress Report – 1 Nov 2015 – 30 Nov2015**

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. **I am *still* overhauling, refactoring, and restructuring the code. I have uncovered bugs that hadn’t been hitting us, and making more efficient use of memory and cpu-time, as well as making the code simpler and easier to read, with fewer classes with overlapping functionality. This is a repeat of last month’s report. I think I’ll finish this this month. This is a big project; it involves trying to efficiently manage large collections of Great Circle Arcs. Examples of Great Circle Arcs are the segments of the paths for a particle within a time step and shoreline sections. Hope to present this work at the next IPR.**
2. **Put in distress time for voyages, including interaction with hazards for voyages.**
3. **Participated in conf calls regarding the key issue Planner improvements. Still working on 2786 as well.**

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| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 118 | 282 | 33276 |
| Vergamini | Coding/Doc/Travel |  |  |  |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 118 |  | 33276 |
|  |  |  |  |  |