

RealityPrime

Advanced Technology Services

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10/28/2003

Invoice

This is an invoice for work performed by Avi Bar-Zeev from 10/10/03 to 10/27/03 for Atair, Aerospace (copy of original contract enclosed).

Total Hours to date:	60	
Rate per hour:		\$100
Total invoice:		\$6,000

For tax purposes, use SSN 083-66-3354 for 1099 form generation.

Note: work is continuing on a task-by-task basis. A second invoice will appear for any subsequent work. See page 2 for task details.

Submitted by:

Avi Bar-Zeev

Approved:

Details of completed or nearly-completed tasks:

- (1) Add a new menu item, "COM Setup", under the "File" menu.
- (2) On the incoming data string, implement more error correction to verify the correct number of items of the comma separated list.
- (4) In Mission Planning, the format of setup variables that are saved to a configuration file need to be changed. Specifications will be provided.
- (5) In Mission Planning, separate the "upload" from the "confirmation" functions.
- (6) In Mission Planning, some of the variable names that are transmitted to the ONYX will change, as well as the timing in which they are transmitted.
- (8) Separate the real-time display and the playback features into two different modes.
- (9) When in playback mode, the Override buttons in the lower-right corner of the application should be replaced by playback controls.
- (10) Re-arrange program's menu bar.
- (11) Add a new menu item, File > Reset.
- (12) Auto-saved filenames name change ONYX_2003-07-26_10-36-01
- (13) Generally, after discussing with Atair, implement improvements the UI.

COSMETIC ISSUES

- (C3) The background color of the GPS and barometric altitudes (on right below compass widget) should be transparent, and label which altitude is GPS.
- (C4) Change text to "Remaining Actuations" from "Remaining Actuators"
- (C5) The background of the compass is a different shade of grey than the background of the program. Make them the same. Also, compass arrows should be filled black.
- (C6) The text style of the altitudes should be 12453

ADDED ITEMS

- (14) stop, loop, file-list, progress slider, replace playback functionality with big improvements
- (15) new internal communications code for better error handling and recovery
- (16) mission planning confirmation dialogs
- (17) mission planning reorganization of UI, add new defaults
- (18) add sense of when telemetry is coming for realtime mode (create autosave file, switching to playback mode, ignoring telemetry when in playback mode)
- (19) fix speed over ground display