

## Pocket GPS Manager

### Development Time Table

(March 2005 – July 2005)

Desktop & PDA Versions  
March 2005

#### A – Hard Targets

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- ⊙ 1 – May 1<sup>st</sup> 2005 - Ability to conduct live/real testing (full-circle) with PGM on preexisting CSRC campaign datasets.
- ⊙ 2 – July 1<sup>st</sup> 2005 - Ability to support and present execution of real CSRC campaign with PGM.

#### B – Soft Targets

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- ⊙ *Stage 1 – geodeticCampaignTemplate.xsd – Development*
  - Completion deadline : March 18th 2005
  - Modify XML schemas to facilitate Geodetic Campaign "template" reciprocation between CSRC and PGM users (all types). Generate sample XML instances of geodeticCampaignTemplate.xsd schema.
- ⊙ *Stage 2 – geodeticCampaignTemplate.xsd – PGM Implementation*
  - Completion deadline : April 1<sup>st</sup> 2005
  - Using geodeticCampaignTemplate.xsd, and accompanying sample instances from Stage 1, modify PGM codebase to accommodate.
  - Write server-side functionality to enable receipt and parsing of geodeticCampaignTemplate XML instances, as well as full update/comparison with database content with respect to template submitted by PGM users, in **Manager** mode.
- ⊙ *Stage 3 – PGM Manager Mode – Development*
  - Completion deadline : April 22<sup>nd</sup> 2005
  - Build **Manager** mode into PGM (possibly limited to Desktop version). Includes reading and writing geodeticCampaignTemplate instances and submission of these instances to the CSRC repository.
  - Write server-side functionality to enable receipt and parsing of pgmSubmission XML instances, as well as full update and comparison with CSRC database content with respect to submissions made by PGM users, in **Technician** mode.
- ⊙ *Stage 4 – geodeticCampaignTemplate – On-Request Generation*
  - Completion deadline : April 29<sup>th</sup> 2005
  - Write server-side utility at CSRC to generate geodeticCampaignTemplate instances on-the-fly (e.g. URL-accessible utility).

- ⊙ **Stage 5 – PGM Exercises – Debugging & Testing**
  - Completion deadline : May 31<sup>st</sup> 2005
  - Exercise PGM with real data sets - preexisting campaigns, monuments, occupations and equipment. Use PGM to set up campaign templates (**Manager** mode) and enter occupations (**Technician** mode). Enlist help of all willing parties from CSRC, NGS and SOPAC to put PGM through rigorous full-circle tests with actual data.
- ⊙ **Stage 6 – PGM Development – Release Version 1.0**
  - Completion deadline : June 30<sup>th</sup> 2005
  - Finish any necessary CSRC database modifications.
  - Finish any necessary server-side CSRC application modifications.
  - Revise PGM documentation.
  - Prepare CSRC web setting for dynamic project exhibit, including:
    - PGM software download
    - PGM Users Guide
    - Utilities to query (or display) current status of campaign in progress:
      - Monuments involved in campaign
      - Equipment involved in campaign
      - People involved in campaign
      - Occupation schedule and status
- ⊙ **Stage 7 – Yolo County Resurvey – PGM In Production**
  - Completion deadline : July 1<sup>st</sup> 2005
  - Be prepared to assist in campaign execution.