To: National Historical Publications and Records Commission (NHPRC)  
Attn: Mahnaz Ghaznavi  
National Historical Publications and Records Commission  
700 Pennsylvania Avenue, NW, Room 111  
Washington, DC 20408-0001  

Re: Interim Narrative Report  

**NHPRC Proposal No.:** NAR06GRANT-021  
**Project:** “California’s Geospatial Records: Archival, Appraisal, Accessioning, And Preservation” (referred to as “eLegacy”)  
**Project Directors:** Richard Marciano, Reagan Moore  
**Grant Period:** Initial period: April 1, 2006 through March 31, 2008  
→ Extended to March 31, 2009  
→ Now extended to June 30, 2010  
**Reporting Period:** April 1, 2009 -- September 30, 2009  
**Project Institution:** University of North Carolina at Chapel Hill

Dear Mahnaz:

Thank you very much for your recent correspondence approving the extension of the eLegacy project to March 31, 2009, conditional on our sending you this interim narrative report as well as an interim financial report for the period of April 1, 2006, through March 31, 2007 (this was faxed to Nancy Copp yesterday).

To recap, while the initial project dates were April 1, 2006 through March 31, 2008, with the principal institution being the California Archives, a “change in fiscal and contractual authority” was granted in February 2007, transferring the project to the University of California. This allowed the project to start in earnest in March of last year, 2007. The next table lists the key project deliverables and the new major milestones with updated date ranges.

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<th>Major Milestones</th>
<th>Date Ranges</th>
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<tr>
<td><strong>Original plan:</strong> Apr. 1, 2006 – Mar. 31, 2008</td>
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<td><strong>UPDATED PLAN:</strong> Mar. 1, 2007 – Mar. 31, 2009</td>
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<tr>
<td>X Hardware/software specifications</td>
<td>Mar – Aug 2007</td>
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<td>X Research of definitions of GIS record in archival terms based on review of other archival projects with geospatial records</td>
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<td>X Investigation of holdings of CaSIL</td>
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<td>X Installation of SRB at CSA and CaSIL and training of staff in preparation of distributed preservation architecture</td>
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<td>X Meeting of Project Advisory Board</td>
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<tr>
<td>X Installation of hardware/software to support archival infrastructure</td>
<td>Sep 2007 – Mar 2008</td>
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<tr>
<td>X Documentation of geospatial appraisal guidelines and data transfer standards</td>
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<td><strong>Conversion of geospatial data into different open source formats</strong></td>
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Evaluation of the appraisal guidelines, data transfer standards, and conversion test results

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<th>Transfer CaSIL records to CSA</th>
<th>Apr – Aug 2008</th>
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<tr>
<td>Accession records into collection management system (including additional geospatial metadata)</td>
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<td>Replicate at SDSC</td>
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<td>Test reliability and validate automatically</td>
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<td>Presentation of initial findings at conferences</td>
<td>Sep 2008 – Mar 2009</td>
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<td>Final project advisory board meeting in Sacramento</td>
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<td>Demonstration of how to translate results to other archival electronic records</td>
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Key Deliverables

1. Software and Hardware Specifications
2. Definition of geospatial archival record, series and items.
3. Appraisal guidelines for geospatial records.
4. Geospatial format specifications & transfer protocols
5. Geospatial metadata requirements
6. Documentation/instructions for geospatial electronic records

While the reporting period for this narrative is October 1, 2006 -- September 30, 2007, we will mention 4 significant events that took place shortly before October 1, 2006, where the e-Legacy project was presented:

- **August 3, 2006**: Joint Annual Meeting: NAGARA, CoSA, SAA, in Washington D.C.
  - Research Issues Related to Preservation of Geospatial Electronic Records
  - Session 103: “X’ Marks the Spot: Archiving GIS Databases, presenter: Richard Marciano

- **September 20, 2006**: InterPARES meeting in Vancouver, B.C., Canada
  - Preservation Environments for GIS Systems presentation: Richard Marciano

- **September 29, 2006**: Panel Discussion at UC Berkeley
  - Towards Uncharted Ground: Accessing and Preserving Spatial Data into the Future, with:
    - Dyung Le, NARA
    - Richard Marciano, SDSC
    - Steve Morris, North Carolina GIS project
    - Barry Napier, US Forest Service
    - Ray McDowell, David Harris, California Spatial Information Library
    - John Wiezcorek, UC’s Museum of Vertebrate Zoology
    - John Radke and Howard Foster, GIS Center, Berkeley
    - Richard Boyden, NARA Pacific Region – San Bruno, CA

- **September 2006**: Open GIS Consortium, OGC
  - Reagan Moore and Richard Marciano join the “Data Preservation Workgroup”

Back to the narrative reporting timeline: October 1, 2006 – September 30, 2007

- **November 30, 2006**: e-Legacy project meeting in Sacramento at CSA
  - Attendees:
    - Reagan Moore, San Diego Supercomputer Center
    - Richard Marciano, San Diego Supercomputer Center
    - David Harris, California Resources Agency, CERES
    - Lee Kercher, SOS - Information Technology Division
March 8, 2007: official transfer of project from CSA to UCSD/SDSC
  • Official “start date for the project” at UCSD and permission to start charging

March 15, 2007: submission of invoice to Ashford Consulting to build 2 storage machines for California

Two “grid-bricks” of roughly 4TB of storage each are ordered to be built for CSA and for CaSIL

May 19, 2007: Society of California Archivists, Long Beach
  • Session: e-Legacy: Working Toward Preserving California’s Geospatial Records
  • Linda Johnson, Brent Rogers (CSA), Lucy Barber (NHPRC), Richard Marciano (SDSC)

June 18, 2007: e-Legacy Project Advisory Board meeting, at UCSD, San Diego

Project Advisory Board:
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  • Michael Byrne (California Office of Statewide Health Planning and Development)
  • Robert Downs (CIESIN, Columbia University)
  • Robert Horton (Minnesota Historical Society)
  • David Keller (Metropolitan Water District)
  • Mary Taylor (University of Nevada, Reno)
  • Paul Vaisse (California Office of Emergency Services)
  • Ray McDowell (CERES, State of California)
  • Dan Lewis (Huntington Library)

Other Participants:
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  • Lucy Barber (NHPRC)
  • David Harris (CERES)
• Brent Rogers, Linda Johnson, Renee Vincent-Finch (CSA)
• Chris Maio (SOS-IT)
• Reagan Moore, Richard Marciano, Chien-Yi Hou (SDSC)

• **June 26, 2007**: Chris Garmire, electronic records archivist, joins project from CSA

• **August 8, 2007**: hardware installation
  • The 2 x 4TB grid bricks arrive at CSA and CERES
  • The SRB metadata catalog database is created (MCAT) at SDSC
  • Exploration of using legacy underground fiber channels to connect the two buildings at the State of California (CaSIL, CSA) for high-speed transfers between the two buildings (David Harris)

• **September 6, 2007**: preliminary geospatial record appraisal
  • Selection of the first records to be transferred from CERES to the State Archives
  • CaSIL Spatial Data of special interest

  County Boundaries (1:24000) [http://gis.ca.gov/meta.epl?oid=21384](http://gis.ca.gov/meta.epl?oid=21384)

  • Preliminary transfer over sneaker-net (harddrive walkover) of DRG data between CaSIL and CSA

Sincerely,

[Signature]

Richard Marciano

cc: Nancy Copp, [nancy.copp@nara.gov](mailto:nancy.copp@nara.gov)
Reagan Moore, [moore@sdsc.edu](mailto:moore@sdsc.edu)
Chris Garmire, [CGarmire@sos.ca.gov](mailto:CGarmire@sos.ca.gov)