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Sharon: 


The focus of this final report, as described in my progress report, is the audit schemes proposed by Rebecca Mercuri and David Chaum. My intent writing this report is to allow the general public to understand the motivation, benefits, and drawbacks of these two schemes. However, before launching into a discussion of these schemes, I have decided to present a discussion of traditional voting systems and DRE systems. This discussion should serve to motivate why audit schemes should be employed for all DRE systems. Everyone should be able to glean some knowledge from this paper, but some arguments require technical knowledge to be fully understood.

My final report should appear to naturally follow on from my PowerPoint presentation (dated November 17th, 2004), but the presentation can also be used as a summary for the final report if appropriately updated. However, a one-to-one correspondence does not exist between this report and the presentation.

It has been a pleasure working with you over the course of this semester. Thank you for all your assistance. Please contact me if you have any questions, comments, or concerns.

Sincerely,

Richard West ’05  
Electrical and Computer Engineering

Enclosed:  
Executive Summary (4 pages)  
Final Report (25 pages)