

## MINUTES

### REDISTRICTING ADVISORY GROUP

November 23, 1999  
Rooms 531-N, 423-S, and 519-S—Statehouse

#### Members Present

Senator Janice Hardenburger, Chairperson  
Representative Mike O'Neal, Vice Chairperson  
Representative John Ballou  
Representative Troy Findley

#### Members Absent

Senator Anthony Hensley  
Senator Pat Ranson

#### Staff Present

Mary Galligan, Kansas Legislative Research Department  
Robert Chapman, Kansas Legislative Research Department  
Kenneth Hughes, Kansas Legislative Research Department  
Dave Larson, Legislative Administrative Services  
Sue Krische, Senate President's Office  
Jeremy Anderson, Senate Minority Leader's Office  
Brad Bryant, Secretary of State's Office  
Duane Simpson, Speaker's Office

#### Conferees

Digital Engineering Corporation  
Election Data Services, Inc.  
Public Systems Associates, Inc.

### **Morning Session**

Mary Galligan distributed to all participants in the selection process demonstration evaluation matrices (Attachment 1). The Committee viewed the software demonstration by Digital Equipment Corporation (DEC) in Room 531-N beginning at 8:00 a.m. The demonstration ended at 11:00 a.m.

### **Lunch**

The Committee, staff, and vendors had a lunch in Room 521-S from 11:00 a.m., until 12:00 noon. Each participant contributed equally to the cost of the lunch.

### **Afternoon Session**

The Committee viewed the software demonstration by Election Data Services (EDS) in Room 432-S beginning at 12:00 noon. The demonstration ended at 3:00 p.m.

The Committee assembled at 3:00 p.m. in Room 531-N to view the software demonstration by Public Systems Associates. The demonstration was not conducted because of a problem with the hardware provided by Legislative Administrative Services for the demonstration. Chairman Hardenburger asked Mr. Meier, the PSA representative, if he could return on December 9 to conduct the same demonstration. He responded that he could return on that date. Staff was instructed to make arrangements necessary to have all equipment operating properly so that the PSA demonstration could be completed using the same guidelines used for the other demonstrations conducted today.

The Committee adjourned at 4:30 p.m.

Prepared by Mary Galligan

Approved by Committee on:

May 1, 2000  
(Date)

### Redistricting Software Evaluation Matrix

Function/ Qualification	Wt	Point Value				Weighted Score	Comments
		1	2	3	4		
Ease of statistical manipulations (creating on-the-fly analyses of statistics)	4						
Ability to change assignment level within a plan building session and while working on a single district	4						
Merging plans	4						Note, in particular, how unassigned and overlap areas are treated.
Ability to function at block-level statewide (building plans, panning, zooming)	4						
Speed of assignment of geographic units to districts, recalculation of statistical data and development of district boundaries.	4						
Correct assignment of subunits to districts	4						
Speed of screen redraw or refresh when shifting from making district assignments at one level of geography to another, e.g., from county to voting district or from voting district to block. In addition to speed, the operation of switching from one assignment level to another will be judged on the appropriateness of the attributes added to or removed from the display and the ease with which the change is accomplished from the user's perspective.	4						

*Special Comm. on Redistricting  
Advisory Group  
11-25-99  
Attachment 1*

*Spec. Comm. on Redistricting  
11/23/99  
Attachment 1*

Function/ Qualification	Wt	Point Value				Weighted Score	Comments
		1	2	3	4		
Plan verification – all units assigned to a district; all units contiguous within a district	4						
User created and assigned passwords for plans	4						
Manipulation of data for large geographic areas	4						Note, in particular, any change in the speed of screen refresh/redraw, and recalculation of statistics when assigning large geographic expanses.
Ability to compare plans graphically and via "different assignment" report using any of the db statistics	4						
Freeze/unfreeze district assignment of units	4						Note, in particular, ease of use of function.
Ability to copy and rename plans	3						
Availability of standard hard copy map templates or set formats for easy map preparation and layout.	4						
Ability to design own map layout	3						
Ease of selecting standard reports from a menu or toolbar.	4						
Ease and speed of moving from plan building to report and hard copy map preparation.	4						

1-2

1-2

Function/ Qualification	Wt	Point Value				Weighted Score	Comments
		1	2	3	4		
Ability to operate on Legislature's equipment and LAN	4						Note any improvements necessary.
Creation of backup file upon opening of plan file	4						
Limitations on output devices	4						Note, in particular, whether existing plotter can be used for map output.
Ability to add and utilize user-specific statistical data	3						
Local workstation management (sizes of files maintained on local workstation, security, location of software, etc.)	2						Note location of backup files.
Ability to view at least three levels of geography simultaneously, e.g., county, vtd and block	4						Note any impact on performance.
Information about selected geographic features via separate window or pop-up flag	4						
Display of map labels at appropriate zoom level	4						Note any limitations on numbers of labels and ability to reposition labels.
Display of populations, deviations and percent deviations for 10 districts with automatic update as assignments are made.	4						Note any deviation from required 10 district and statistical elements.

1-3

1-3

Function/ Qualification	Wt	Point Value				Weighted Score	Comments
		1	2	3	4		
Intuitive icon symbols and menu organization.	4						
Ability to display alternative statistics for districts, e.g., election results, voter registration, and recalculate during district building.	3						Note whether statistics are shown as labels, in table window or both.
Ability to switch geographic view during plan building session, e.g., add or remove features or layers from the view	3						Note any alternative view capability.
Display of district boundaries	3						Note whether districts are a distinct map layer.
Ability to distinguish between types of boundaries on screen	3						
Ability to zoom or pan to specified unit	3						Note any alternative location facility

4-1

4-1