

## Dwight Shellman

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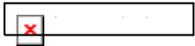
**From:** Teak Simonton [REDACTED]  
**Sent:** Thursday, March 12, 2015 12:30 PM  
**To:** Dwight Shellman  
**Subject:** More on the excel list  
**Attachments:** Election Setup and Ballot Creation Evaluation.xlsx

This is difficult. Not having been part of the other working group, I'm only relying on my experience with the HART system to come up with these criteria. I'm certain my list isn't complete, but it will likely be a good starting point for next week's discussions at a minimum. I've attached a more complete list - added scanning and tabulation. I'll keep at it, using the HART manuals to spur detailed thought.

Let me know if I'm on the right track. Thanks.

Teak J. Simonton

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	Functionality Grades				Comments
	Poor	Adequate	Good	Excellent	
<b>Creating the Election Database</b>					
User authority restrictions					
User differences					
Default databases?					
Copy databases from previous elections					
Copy aspects from previous elections					
Flexibility in naming election					
Election identifier / date					
Connection to hard drives and storage location					
Ease of setting up precincts					
Ease of creating districts					
Ease of tying districts to precincts					
Splitting precincts to accommodate split districts					
Format options for precincts, numbers, letters, limits					
Registered voters per precinct options					
Registered voters per precinct and party					
Reports for districts within precincts					
Ease of entering political parties for Primaries					
Limitations of political party entries					
Safeties for deleting databases					
Backing up databases					
Archiving completed election databases					
Ease of setting up alternate language					
Entering titles					
Contest definition functionality					
Entering ballot text					
Entering ballot headers					
Rearranging order of candidates and questions					
Entering candidates					
Ease of verifying district, precinct, candidate connection					
Jurisdiction organization clarity					
Write in functionality					
Security password functionality					
Characters allowed for precincts					
Characters allowed for districts					
Characters allowed for titles					
Format flexibility; bold, font, center, borders, bullets, spaces					
Column flexibility; push to next column, page etc.					
Different ballot style format flexibility - must they be the same					
Image insertion; signatures, instructions					
Ballot Header format functionality					
Link between paper ballot format and Electronic format					
Setting open and close times for equipment					
Open and close password requirements					
Undervote and Overvote functionality programming					
Ballot size options					
Ballot pages options					
Importing ballot titles and text					
Translation and Recording Export and Import					
Quality of audio and consistency of volume					
Archive audio templates option					

	Functionality Grades				Comments
	Poor	Adequate	Good	Excellent	
<b><u>Creating the Election Database</u></b>					
Generating ballot formats					
Proofing options; screen, print					
Method for tying database to voting equipment					
Reports functionality					
Security functionality					
Audit trail functionality					
<b><u>Ballot Scanning / Counting / Tabulation</u></b>					
Ease of process					
Batch size limitations					
Type of scanners available for use					
Software / Hardware coordination					
Reports					
Resolution options / functionality					
Ease of correcting issues					
Image retention					
Image display					
Batch management					
Delete images					
Find images					
Security / passwords					
Operating platform					
Voting method identification / mail, in person etc.					
Protection against tabulating before ED					
Audit capability					
Tabulation ease					
Tabulation reports					
Tabulation audit functions					
Manual entry options					
Isolating batches for audit purposes					