Adjustable Aspects of the Voting Station

Version date: October 31, 2006

1. Introduction

A recurring issue within the HFP section of the VVSG has the formulation of consistent and reasonable requirements for the handling of *adjustable* aspects of the voting station. In this short note, we review the current status and make recommendations. Requirement references apply to the October 30, 2006 draft version of the HFP section.

2. Current Status

Note that requirement #3.2.5-B requires resetting all defaults at the end of the voting session and 3.2.5-C requires a "global reset" mechanism available to the voter within the session.

<table>
<thead>
<tr>
<th>Requirement#</th>
<th>Aspect</th>
<th>Default Value</th>
<th>Available Values</th>
<th>Scope</th>
<th>Adjuster</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2.5-D, 3.3.2-</td>
<td>Font size</td>
<td>none</td>
<td>min=3.0-</td>
<td>Acc-</td>
<td>Voter</td>
</tr>
</tbody>
</table>
## 3. Analysis and Recommendations

Note that speech volume and sound apply to any voting station that supports audio, whether or not deemed to be a fully accessible voting station. Warnings about over- and undervoting apply only to precinct-count optical scanners (PCOS). Also, these PCOS settings are one-time configurations, not varied per voting session.

### 3.1 Defaults

No initial defaults are specified for font size, contrast, or color and this is probably as it should be, since vendors should have some freedom to design their interfaces. Defaults for speech speed, A/V mode and Input mode are not explicitly stated, although presumably most vendors would choose the reasonable value. Does this need to be nailed down?
3.2 Adjuster

It seems quite anomalous to guarantee the voter control over all visual presentation aspects except contrast. Not specifying voter control for volume is just an oversight I think. So, the recommendation is that voter control be specified for these two (contrast and volume). Initialization of input mode is a bit trickier: if a voter has virtually no motor control, he/she might need poll worker assistance to "get started" using the non-manual input control (e.g. sip-and-puff). Perhaps this point should be added to the discussion paragraph of 3.3.4-B.