Distritos Senatoriales 2011

<table>
<thead>
<tr>
<th>Distrito</th>
<th>Población</th>
<th>Desviación</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>462,035</td>
<td>-3,689</td>
<td>-0.79</td>
</tr>
<tr>
<td>II</td>
<td>459,805</td>
<td>-5,919</td>
<td>-1.27</td>
</tr>
<tr>
<td>III</td>
<td>470,250</td>
<td>4,526</td>
<td>0.97</td>
</tr>
<tr>
<td>IV</td>
<td>478,194</td>
<td>12,470</td>
<td>2.68</td>
</tr>
<tr>
<td>V</td>
<td>464,962</td>
<td>-762</td>
<td>-0.16</td>
</tr>
<tr>
<td>VI</td>
<td>462,202</td>
<td>-3,522</td>
<td>-0.76</td>
</tr>
<tr>
<td>VII</td>
<td>462,914</td>
<td>-2,810</td>
<td>-0.60</td>
</tr>
<tr>
<td>VIII</td>
<td>465,427</td>
<td>-297</td>
<td>-0.06</td>
</tr>
</tbody>
</table>

Población Total: 3,725,789
Población Ideal: 465,724
Desviación Máxima: 3.95%
Distritos Representativos 2011
Distrito Senatorial V
Distritos Representativos 21, 22, 23, 24 y 25

Adoptado mediante acuerdo unánime de la Junta Constitucional de Revisión de Distritos Senatoriales y Representativos el 3 de junio de 2011, según modificado el 24 de julio de 2012.

Federico Hernández Denton
Presidente

Leyenda
- Límite Distrito Representativo
- Límite Municipio
- Límite Barrio
Distrito Senatorial VI
Distritos Representativos 26, 27, 28, 29 y 30

Adoptado mediante acuerdo unánime de la Junta Constitucional de Revisión de Distritos Senatoriales y Representativos el 3 de junio de 2011, según modificado el 12 de julio de 2011

Félix Hernández Denton
Presidente

Héctor Luis Acevedo Pérez
Miembro

Virgilio Ramos González
Miembro

Leyenda
- Límite Distrito Representativo
- Límite Municipio
- Límite Barrio

[Mapa del Distrito Senatorial VI]
Distrito Senatorial VIII
Distritos Representativos 36, 37, 38, 39 y 40

Adoptado mediante acuerdo unánime de la Junta Constitucional de Revisión de Distritos Senatoriales y Representativos el 3 de junio de 2011, según modificado el 42 de julio de 2011

Federico Hernández-Denton
Presidente

Héctor Luis Acevedo Pérez
Viceministro Ramos González

Leyenda

<table>
<thead>
<tr>
<th>Limites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distrito Representativo</td>
</tr>
<tr>
<td>Municipio</td>
</tr>
<tr>
<td>Barrio</td>
</tr>
</tbody>
</table>
APPENDIX B
INSTRUCCIONES SOBRE LA FORMA DE VOTAR EN LA PAPELETA ESTATAL

En esta papeleta usted tiene derecho a votar por un candidato a Gobernador y un candidato a Comisionado Residente.

CÓMO VOTAR ÍNTEGRO

Para votar íntegro, usted hace una sola marca (x) válida, en el espacio en blanco bajo la insignia del partido de su preferencia y no hace ninguna otra marca en la papeleta.

CÓMO VOTAR MIXTO

Para votar mixto, se hace una marca (x) válida debajo de la insignia del partido de su preferencia y se hace una marca al lado de otro candidato fuera de la columna de su partido o escribe el nombre de otra persona de su preferencia bajo el cargo correspondiente, en la última columna de Nominación Directa. Tenga en cuenta que sólo puede votar por un (1) candidato a Gobernador y por (1) candidato a Comisionado Residente. Para que la papeleta se considere mixta deberá reflejar un voto válido para al menos un candidato en la columna bajo la insignia del partido político por el cual votó.

CÓMO VOTAR CANDIDATURA

Cuando el elector no tenga interés en votar por un partido en particular, y desee votar exclusivamente por candidatura, hará una marca (x) válida al lado del candidato o los candidatos de su preferencia, o puede votar por otras personas de su preferencia que no aparecen como candidatos, escribiendo sus nombres bajo el cargo correspondiente en la columna de Nominación Directa. Tenga en cuenta que sólo puede votar por un (1) candidato a Gobernador y un (1) candidato a Comisionado Residente.
<table>
<thead>
<tr>
<th>PARTIDO POLÍTICO PROVINCIAL</th>
<th>PARTIDO POLÍTICO DE NACIONAL</th>
<th>PARTIDO PROVINCIAL</th>
<th>MOVIMIENTO UNION COMUNISTA</th>
<th>PARTIDO PROVINCIAL \ Pueto Rico</th>
<th>PARTIDO DEL PUEBLO</th>
<th>PARTIDO DEL PUEBLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;El Inp&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
<td>&quot;La Vida Nueva&quot;</td>
</tr>
</tbody>
</table>

**Instrucciones sobre la forma de votar en la papeleta municipal**

En esta papeleta usted tiene derecho a votar por un candidato a Alcalde y por el número máximo de Legisladores Municipales que aparecen en una de las columnas. Usted debe marcar la columna a la izquierda de las preferencias. Puede votar por uno o más candidatos a Alcalde y por los candidatos a Legisladores Municipales a la derecha.

**Cómo votar en grupo:**

Para votar en grupo, deberá tener una sola marca visible en el espacio blanco bajo la imagen del partido de su preferencia y que no tenga ninguna marca en la papeleta. Si la marca visible es para el candidato a Alcalde y por todos los candidatos a Legisladores Municipales a la derecha.

**Cómo votar a simple partido:**

Para votar a simple partido, deberá tener una sola marca visible en el espacio blanco bajo la imagen del partido de su preferencia. No se puede votar por más de un (1) candidato a Alcalde y por los candidatos a Legisladores Municipales a la derecha.

**Cómo votar candidato:**

Cuando no desea marcar en una sola marca visible en el espacio blanco bajo la imagen del partido de su preferencia, puede votar por más de un (1) candidato a Alcalde y por los candidatos a Legisladores Municipales a la derecha.

**Instrucciones para votar en la papeleta municipal**

On this ballot you have the right to vote for one candidate for mayor and the maximum number of Municipal Legislators shown on one of the columns. If you vote for more than one Municipal candidate or more than the maximum number of Municipal Legislators you are entitled to elect, you will nullify your vote for those offices.

**How to cast a straight party vote:**

In order to vote for a straight party, place a single "mark" in the blank space under the column for your party of preference. This single "mark" will be valid for the Municipal candidate and all Municipal legislators candidates under that column.

**How to cast a split-ticket (split ballot) vote:**

To cast a split-ticket vote, place a valid "mark" in the blank space under the column for your party of preference and place a "mark" in the space beside your column. This single "mark" will be valid for the Municipal candidate and all Municipal legislators candidates under that column.

**How to vote for individual candidates:**

Where you have not invested in voting for a particular party and want to vote exclusively for individual candidates, the votes must place a valid "mark" in the column for the individual candidate or candidates by their name. You may vote for more than one candidate by placing their names under the appropriate position using the Díaz-Nombramiento column. In this position you may only vote for one (1) candidate for mayor and no more than the number of Municipal Legislators you are entitled to elect for the Municipal elections.
CONSULTA SOBRE EL ESTATUS POLÍTICO DE PUERTO RICO

PLEBISCITE ON PUERTO RICO POLITICAL STATUS

Instrucciones: Marque la opción de su preferencia. La papeleta con más de una (1) opción marcada en esta sección no será contabilizada.

Instructions: Mark your option of preference. Those ballots with more than one (1) mark in this section shall not be tallied.

¿Está usted de acuerdo con mantener la condición política territorial actual?
Do you agree that Puerto Rico should continue to have its present form of territorial status?

Sí /Yes

No /No

Instrucciones: Irrespetivamente de su contestación a la primera pregunta, conteste cuál de las siguientes opciones no territoriales usted prefiere.

Instructions: Regardless of your selection in the first question, please mark which of the following non-territorial options would you prefer.

La consulta con más de una (1) opción marcada en esta sección no será contabilizada.

Those ballots with more than one (1) mark in this Section shall not be tallied.

Estadidad:
Prefiero que Puerto Rico sea un estado de Estados Unidos de América, para que todos los ciudadanos americanos residentes en Puerto Rico tengan iguales derechos, beneficios y responsabilidades que los demás ciudadanos de los estados de la Unión, incluyendo derecho a la plena representación en el Congreso y participación en las elecciones presidenciales, y que se requiera al Congreso Federal que promulgue la legislación necesaria para iniciar la transición hacia la estadidad. Si está de acuerdo marque aquí:

Statehood:
Puerto Rico should be admitted as a state of the United States of America so that all United States citizens residing in Puerto Rico may have rights, benefits, and responsibilities equal to those enjoyed by all other citizens of the states of the Union, and be entitled to full representation in Congress and to participate in the Presidential elections, and the United States Congress would be required to pass any necessary legislation to begin the transition into Statehood. If you agree, mark here:

Independencia:
Prefiero que Puerto Rico sea una nación soberana y totalmente independiente de Estados Unidos y que se requiera al Congreso Federal que promulgue la legislación necesaria para iniciar la transición hacia la nación independiente de Puerto Rico. Si está de acuerdo marque aquí:

Independence:
Puerto Rico should become a sovereign nation, fully independent from the United States and the United States Congress would be required to pass any necessary legislation to begin the transition into independent nation of Puerto Rico. If you agree, mark here:

Estado Libre Asociado Soberano:
Prefiero que Puerto Rico adopte un estatus fuera de la Chisuga Territorial de la Constitución de Estados Unidos, que reconozca la soberanía del Pueblo de Puerto Rico. El Estado Libre Asociado Soberano se basaría en una asociación política libre y voluntaria, cuyos términos específicos se acordarían entre Estados Unidos y Puerto Rico como naciones soberanas. Dicho acuerdo dispondría el alcance de los poderes jurisdiccionales que el pueblo de Puerto Rico autorice dejar en manos de Estados Unidos reteniría los restantes poderes o autoridades jurisdiccionales. Si está de acuerdo, marque aquí:

Sovereign Free Associated State
Puerto Rico should adopt a status outside the Territory Clause of the Constitution of the United States that recognizes the sovereignty of the People of Puerto Rico. The Sovereign Free Associated State would be based on a free and voluntary political association, the specific terms of which shall be agreed upon between the United States and Puerto Rico as sovereign nations. Such agreement would provide the scope of the jurisdictional powers that the People of Puerto Rico agree to confer to the United States and retain all other jurisdictional powers and authorities. If you agree, mark here:
APPENDIX C
# Posts by Ballot Type

## General Elections

<table>
<thead>
<tr>
<th>Ballot Type</th>
<th>Number of Formats</th>
<th>Post</th>
<th>Ballot Position&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Maximum Number of Candidates per Party</th>
<th>Number of Candidates that may be Voted For</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>1</td>
<td>Resident Commissioner</td>
<td>N/A</td>
<td>1</td>
<td>1</td>
<td>This ballot is used for absentee voting but only in exceptional cases. The guiding criterion for its use is that the absentee-vote request arrives after the state’s due date but before the federal due date for requests. In such cases a voter is only entitled to vote for the post of Resident Commissioner.</td>
</tr>
<tr>
<td>State</td>
<td>1</td>
<td>Governor</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resident Commissioner</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Legislative</td>
<td>110&lt;sup&gt;2&lt;/sup&gt;</td>
<td>District Representative</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>District Senator</td>
<td>2 and 3</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Representative at large</td>
<td>4 to 9</td>
<td>11</td>
<td>1</td>
<td>Political parties generally postulate no more than 6 candidates for this run.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Senator at large</td>
<td>10 to 15</td>
<td>11</td>
<td>1</td>
<td>Political parties generally postulate no more than 6 candidates for this run.</td>
</tr>
</tbody>
</table>

<sup>1</sup> Refers to the row number on the ballot.

<sup>2</sup> The number of legislative ballot formats is the same as the number of electoral precincts, which in turn is governed by the Electoral Redistribution that is based on the ten-year census. The next Electoral Redistribution will take place in 2021 and therefore the number of precincts may vary and thus the number of legislative ballot formats.
<table>
<thead>
<tr>
<th>Ballot Type</th>
<th>Number of Formats</th>
<th>Post</th>
<th>Ballot Position¹</th>
<th>Maximum Number of Candidates per Party</th>
<th>Number of Candidates that may be Voted for</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal</td>
<td>78³</td>
<td>Mayor</td>
<td>N/A</td>
<td>1</td>
<td>1</td>
<td>The number of municipal ballot formats is the same as the number of municipalities. This number is not expected to change in the foreseeable future.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The number of municipal legislators varies by municipality and is based on population according to the ten-year census previous to the election.</td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
<td>¹1 to 4 or ¹1 to 9 or ¹1 to 11 or ¹1 to 13 or ¹1 to 14</td>
<td>¹4 or 9 or ¹11 or 13 or ¹14</td>
<td>¹4 or 9 or ¹11 or 13 or ¹14</td>
<td></td>
</tr>
</tbody>
</table>

³ The number of municipal ballot formats is the same as the number of municipalities. This number is not expected to change in the foreseeable future.

⁴ The number of municipal legislators by municipality is governed by population and is based on the ten-year census; thus, it may change as a result of the next electoral redistribution after the 2020 census.
<table>
<thead>
<tr>
<th>Ballot Type</th>
<th>Number of Formats</th>
<th>Post</th>
<th>Maximum Number of Candidates</th>
<th>Number of Candidates that may be Voted for</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governor</td>
<td>1</td>
<td>Governor</td>
<td>N</td>
<td>1</td>
<td>This ballot is used for selecting the candidate for Governor for the political party having the Primary Election.</td>
</tr>
<tr>
<td>Resident Commissioner</td>
<td>1</td>
<td>Resident Commissioner</td>
<td>N</td>
<td>1</td>
<td>This ballot is used for selecting the candidate for Resident Commissioner for the political party having the Primary Election.</td>
</tr>
<tr>
<td>District Senator</td>
<td>8</td>
<td>District Senator</td>
<td>N</td>
<td>2</td>
<td>This ballot is used for selecting the candidates for District Senators for the political party having the Primary Election.</td>
</tr>
<tr>
<td>District Representative</td>
<td>40</td>
<td>District Representative</td>
<td>N</td>
<td>1</td>
<td>This ballot is used for selecting the candidates for District Representatives for the political party having the Primary Election.</td>
</tr>
<tr>
<td>At large Senator</td>
<td>1</td>
<td>At Large Senator</td>
<td>N</td>
<td>(6^5)</td>
<td>This ballot is used for selecting the candidates for At Large Senator for the political party having the Primary Election. The total candidates that may be voted will depend on the political party determination and might change.</td>
</tr>
<tr>
<td>At large Representative</td>
<td>1</td>
<td>At large Representative</td>
<td>N</td>
<td>(6^6)</td>
<td>This ballot is used for selecting the candidates for At large Representative for the political party having the Primary Election. The total candidates that may be voted will depend on the political party determination and might change.</td>
</tr>
</tbody>
</table>

\(^5\) The number of at large senators that the voter can select is determined by each political party up to a maximum of eleven. In the last four elections the political parties have selected to be six candidates.

\(^6\) The number of at large representatives that the voter can select is determined by each political party up to a maximum of eleven. In the last four elections the political parties have selected to be six candidates.
<table>
<thead>
<tr>
<th>Ballot Type</th>
<th>Number of Formats</th>
<th>Post</th>
<th>Maximum Number of Candidates</th>
<th>Number of Candidates that may be voted for</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Mayor</td>
<td>78</td>
<td>Mayor</td>
<td>N</td>
<td>1</td>
<td>The ballot is used to select the candidate for mayor for a municipality. See attachment J</td>
</tr>
<tr>
<td>Municipal Legislators</td>
<td>78</td>
<td>Municipal Legislators</td>
<td>N</td>
<td>X⁷</td>
<td>This ballot is used to select the municipal legislators. Mayor position is not on the contest. See attachment J</td>
</tr>
<tr>
<td>Municipal</td>
<td>78</td>
<td>Mayor</td>
<td>N</td>
<td>1</td>
<td>This ballot is used to select both the mayor and the municipal legislators. Municipal legislators can run under the mayor aspiration or can be under their own. For this ballot the “integro”, “mixto” and “candidature” vote can occur. For this ballot this purpose the mayor is seen as the political organization and can receive a “integro” vote. This ballot will be similar to a Municipal Ballot used for the General Elections with the exception that the Mayor will replace the position of the political party. See attachment J</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Municipal Legislators</td>
<td>N</td>
<td>X²</td>
<td></td>
</tr>
</tbody>
</table>

⁷ The number of at municipal legislators depend on the population of each municipality. Se attachment F for the exact amount of municipal legislators for each municipality.

⁸ The number of at municipal legislators depend on the population of each municipality. Se attachment F for the exact amount of municipal legislators for each municipality.
CERTIFICATION FOR AN EFFECTIVE IMPLEMENTATION OF AN OPTICAL SCANNING SYSTEM (OpScan)

INSTRUCTIONS: This form must be completed in its entirety. The proponent's authorized representative must certify this form with the signature and initials on each page, and also shall obtain a certification from the Chief Executive Officer of the Board of Elections of the County, Municipality, Province, State or Country, where the proponent effectively implemented the OpScan system. Additionally, the proponent must complete a form for each one of the three (3) elections, as required by the Puerto Rico Senate’s Joint Resolution Number 249 of November 3rd, 2014. Once each form has been properly filled out, duly signed and initialized; it must be brought up before a public notary in Puerto Rico. Note that the last section of this form is the one corresponding to the notarization of the document.

INFORMATION FROM THE BOARD OF ELECTION

Official name of the board of election: 
County / Municipality / Province / State / Country: 
Physical address: 
Postal address: 

INFORMATION FROM THE BOARD OF ELECTION CHIEF'S EXECUTIVE OFFICER

Name: 
Email: 
Phone Number: 

OPTICAL SCANNING SYSTEM (OpScan) INFORMATION

Company Name: 
OpScan Model Number and/or Name: 
EMS Version Number: 

INFORMATION FROM THE ELECTIONS WHERE THE OpScan WAS UTILIZED

Election Description (Presidential, Congressional, Governor, other): 
Election date: 
Voter turnout quantity: 
Quantity of OpScans used during election: 
Quantity of Colleges used during election: 
Quantity of OpScans assigned per Colleges: 
Quantity of poll worker per Colleges: 
Quantity of ballot types used during election: 
Was there any voter interaction with the OpScan (under vote, over vote or blank vote): 
Yes  No
Quantity of OpScans that had to be replaced during election: 
Indicate whether the election was audited (if the election was audited, it is mandatory to submit a copy of the audit report and result): 
Yes  No

INFORMATION FROM THE OpScan PROJECT

Project start date: 
Project Budget (USD): $ 
Acquisition type (Was the OpScan bought or rented): 
Where trainings provided by the OpScan Vendor: 
Yes  No
Specify any project or contractual issue(s) that arouse during the project execution: 

Page 1 of 2
CERTIFICATION BY THE CHIEF EXECUTIVE OFFICER FROM THE BOARD OF ELECTION

I certify that all the information provided above is true, complete, and accurate and that the above described election was carried out effectively or with the issues noted above, and with the certainty that the Optcan system was used in it:
- Secured and protected votes that can be later on manually verified and,
- Assured that each vote was done in a private, secret and direct way.

Given in _____________, _____________ on this _____ day of ___________ of ___________.

__________________________
Board of Election's Chief Executive Officer

__________________________
Signature

__________________________
Official Seal from the Board of Election

CERTIFICATION BY THE AUTHORIZED REPRESENTATIVE

I certify that I am the authorized representative of the above company and that the data provided on this form is true, complete and accurate. Furthermore, I certify that the work carried out to obtain the certification and information from the Chief Executive of the Board of Election, was done in accordance to the laws and regulations of the applicable jurisdiction.

Given in _____________, _____________ on this _____ day of ___________ of ___________.

__________________________
Authorized Representative Printed Name

__________________________
Firma

AFFIDAVIT TO BE SWORN AND SUBSCRIBED BEFORE A NOTARY PUBLIC IN PUERTO RICO

AFFIDAVIT NO. ___________

Sworn and subscribed before me by _____________, of the personal circumstances above stated and from which I have identified by the following method(s) provided by Puerto Rico’s Notary Law (4 L.P.R.A. sections 2003 et seq):

__________________________
Notary Public Signature

Sello de Asistencia Legal
APPENDIX E
E. Factory Acceptance Test Protocol Outline

1. Operation of the Optical Scanner
   1.1. Beginning of operations
      1.1.1. Machine installation over the ballot box.
         This test will verify if the OPSCAN machine fits over the ballot box.
      1.1.2. Attempt to start operation without the portable memory module
         This test will verify that the OPSCAN machine will not start its operation without the portable memory module properly installed.
      1.1.3. Memory Module Installation
         This test will verify the memory module installation process.
      1.1.4. Machine opening
         This test will verify the machine opening process.
      1.1.5. Zero report printing
         This test will verify the Zero report printing.
      1.1.6. Machine clock time verification
         This test will verify the machine clock time features of the OPSCAN machine.
   1.2. Machine operation during voting period
      1.2.1. Equipment malfunction alarm
         This test will force a condition and verify the malfunction alarm operation.
      1.2.2. Power loss alarm
         This test will verify that the equipment is capable to operate normally under a power loss condition using the UPS.
      1.2.3. Wrong ballot alarm
         This test will verify that the equipment will generate an alarm if the a counterfeit ballot is introduced.
      1.2.4. Machine replacement during voting period
         This test will verify that if the OPSCAN machine is replaced and the memory module is transferred to the replaced machine the results of the vote canvassing will not be affected.
      1.2.5. Sudden power loss without UPS
         This test will verify that if the OPSCAN loss its operating power when disconnected from the UPS the results of the canvassing are not loss.
      1.2.6. Performance
         1.2.6.1. Machine operation for nine consecutive hours
            This test will verify if the OPSCAN machine is capable of operating for nine consecutive hours.
         1.2.6.2. Casting of randomly selected Ballots
            This test will verify the OPSCAN canvassing accuracy using randomly selected ballots.
   1.3. Machine closing
E. Factory Acceptance Test Protocol Outline

1.3.1. Attempt of printing the closing report prior to machine closing.
   This test will verify that the machine will not allow to print the closing report prior to the machine closing procedure.

1.3.2. Closing of college
   This test will verify the machine closing procedure.

1.3.3. Attempt to open the machine once it is already closed.
   This test will verify that the machine cannot be opened in the field once the machine is closed.

1.3.4. Attempt to close the OPSCAN before the preconfigured closing time.
   This test will verify that the OPSCAN cannot be closed prior to a pre configured closing time.

1.3.5. Multiple printing of the closing report
   This test will verify that the OPSCAN can print multiple closing reports.

1.3.6. Removal of the OPSCAN from the ballot box.
   This test will verify the OPSCAN removal from the ballot box process.

1.3.7. Emergency Compartment
   This test will verify the specifications of the Emergency Compartment

1.3.8. Transmission of results

1.3.8.1. Wireless transmission machines

   1.3.8.1.1. Standard transmission of results
   This test will verify the standard transmission or results.

   1.3.8.1.2. Wireless transmission attempt with an overloaded infrastructure.
   This test will verify the operation of the OPSCAN machine when attempting to transmit the results of an election when the communication infrastructure is overloaded or unavailable.

   1.3.8.1.3. Attempt to transmit the same results twice.
   This test will verify that the system will not allow to transmit the same results twice.

1.3.8.2. Standard Modem with land line transmission machines

   1.3.8.2.1. Standard transmission of results
   This test will verify the standard transmission or results of a machine with a land line telephone communication hardware.

   1.3.8.2.2. Busy line condition transmission attempt.
   This test will verify the operation of a machine with a land line telephone communication hardware while attempting to communicate with a busy line condition.

   1.3.8.2.3. Attempt to transmit the same results twice.
E. Factory Acceptance Test Protocol Outline

This test will verify the operation of the system when the results are attempted to be transmitted twice.

1.3.8.2.4. Attempt to transmit using a telephone line with no tone. This test will verify the operation of a machine with a land line telephone communication hardware while attempting to communicate with a no tone line condition.

1.3.8.2.5. Transmission interruption This test will verify the operation of the OPSCAN under the condition of an interruption of the communication while in the middle of the communication process by disconnecting the telephone line.

1.3.9. Memory module removal from the OPSCAN This test will verify the Portable Memory Module removal process.

2. System integration

2.1. Ballot Box

2.1.1. Security This test will verify the security features of the Ballot Box.

2.1.2. Installation This test will verify the installation process of the Ballot Box.

2.1.3. Ballot storage capacity for the main compartment This test will confirm that the main compartment for the ballot box is capable to hold at least 3000 ballots.

2.1.4. Emergency compartment

2.1.4.1. Ballot storage capacity This test will confirm that the emergency compartment for the ballot box is capable to hold at least 200 ballots.

2.2. Carrying case

2.2.1. Functional aspects of the carrying case. This test will verify the functional aspects of the carrying case against the specifications.

2.3. Back up transmission units

2.3.1. Communication This test will verify the capacity of the Back Up Transmission Unit to communicate with the Election Management System to transmit results using the Portable Memory Modules

2.3.2. Security This test will verify the security features of the Back Up Transmission Unit.

2.3.3. User interface
E. Factory Acceptance Test Protocol Outline

This test will verify the user interface features of the Back Up Transmission Unit.

2.4. Election Management System

2.4.1. Event configuration

2.4.1.1. General elections configuration

This test will confirm that the EMS is capable of configuring the General Elections as specified.

2.4.1.2. Primary elections configuration

This test will confirm that the EMS is capable of configuring the Primary Elections as specified.

2.4.2. Ballots configuration

2.4.2.1. Use of a pre configured template

This test will confirm that the ballots can be configured using a pre configured template an only names and candidates photos needs to be replaced to have a new configured ballot.

2.4.2.2. Data Import

This test will verify the data import features of the Ballot Configuration software.

2.4.2.3. Sample ballot printing

This test will verify that the system is capable of printing sample ballots.

2.4.3. Reception of results

2.4.3.1. Result’s reception from the OPSCAN

This test will confirm that the EMS is capable of receiving results directly from the OPSCAN transmission.

2.4.3.2. Result’s reception from the Back up transmission units

This test will confirm that the EMS is capable of receiving results directly from the Back Up Transmission Devices.

2.4.4. Results export

This test will verify the Results Export features of the EMS against the specifications.

2.4.5. General Canvas

2.4.5.1. Uploading of election results from the portable memory module

This test will verify that the EMS is capable or loading the elections results directly from the Portable Memory Modules.

2.4.5.2. Manual entry of results.

This test will verify that the EMS is capable receiving voting results manually entered by authorized operators.

2.4.5.3. Results Correction

This test will verify that the EMS provides the functionality of allowing manual corrections of the results received if required by an authorized operator.
E. Factory Acceptance Test Protocol Outline

2.4.5.4. Uploading of election results from the OPSCAN main memory

This test will verify the operational procedure required to upload the results of an election directly from the OPSCAN machine.

2.4.6. Definition of new machines during the electoral event period.

This test will verify that the EMS system allows the definition of new OPSCAN machines for the election process during the election period.

2.4.7. Security

2.4.7.1. Transmission attempts from an unauthorized OPSCAN machine

This test will verify that the system will not receive results from unauthorized OPSCAN machines.

2.4.7.2. Transmission attempt with an unauthorized module from the back up transmission unit.

This test will verify the system will not accept results from unauthorized memory modules when transmitted from the Back Up Transmission units.

2.5. Memory Module

2.5.1. Visible identification

This test will confirm that the memory modules will have a physical identification.

2.5.2. Security

2.5.2.1. File modification attempt

This test will verify that the Portable Memory Modules will not allow a standard individual to modify the content of the files containing the election results.

2.5.2.2. File Reading attempt

This test will verify that a standard user cannot read and obtain the elections results by reading the file content of the Portable Memory Modules

2.5.3. Impact resistance

This test will verify that the Portable Memory Modules will not be damaged or affected if they free fall from five feet height.
3. State Ballot Canvasing
   3.1 Ballot content
      *This test will verify the ballot content according to the specifications provided.*
   3.2 Voter's Interaction
      3.2.1 Interaction messages
         3.2.1.1 Vote accepted message no voter response required
            3.2.1.1.1 Integer Vote
               *This test will verify that when different “Integro” votes are casted the correct message is generated at the display and that no response is expected from the voter.*
            3.2.1.1.2 Voto mixto – Mixto vote
               *This test will verify that when different “Mixto” votes are casted the correct message is generated at the display and that no response is expected from the voter.*
            3.2.1.1.3 Voto candidatura – Candidatura Vote
               *This test will verify that when different “Candidatura” votes are casted the correct message is generated at the display and that no response is expected from the voter.*
         3.2.1.2 Blank Ballot
            *This test will verify the interaction message generated by the OPSCSAN when different type of blank ballots are casted.*
         3.2.1.3 Undervote condition
            *This test will verify the interaction message generated by the OPSCSAN when different type of undervoted ballots are casted.*
         3.2.1.4 Overvote condition
            *This test will verify the interaction message generated by the OPSCSAN when different type of overvoted ballots are casted.*
         3.2.1.5 Not valid vote combination Vote
            *This test will verify the interaction message generated by the OPSCAN when ballots with different type of not valid vote combinations are casted.*
         3.2.1.6 Wrong ballot
            *This test will verify the interaction message generated by the OPSCAN when a ballot from a different Precinct that the one configured for the machine is attempted to be introduced.*
E. Factory Acceptance Test Protocol Outline

3.2.1.7. Mutilated Ballots
   3.2.1.7.1. Ballot with mutilated tracking marks.
   *This test will confirm that the OPSCAN will not accept ballots with mutilated track marks.*
   3.2.1.7.2. Ballot with physical damages
   *This test will confirm that the OPSCAN will not accept ballots with physical damages.*

3.2.1.8. Multiple interaction messages ballots
   *This test will confirm that the OPSCAN will generate multiple interaction messages on the display if multiple conditions are present on a casted ballot.*

3.2.2. Interaction actions from voter
   3.2.2.1. Ballot recovery by the voter
   *This test will confirm that the voter will be capable of recover the ballot after an interaction message is generated by the OPSCAN.*
   3.2.2.2. Ballot confirmation
   *This test will verify that the OPSCAN will cast a ballot that is confirmed by the voter as correct even interaction conditions such as over vote and under vote are present.*

3.3. Marks recognition
   3.3.1. Marking size
       3.3.1.1. Marks smaller than four square millimeters
       *This test will verify that the OPSCAN will not recognize as valid marks any mark under four square millimeters*
       3.3.1.2. Marks over four square millimeters
       *This test will verify that the OPSCAN will recognize as valid marks any mark over four square millimeters*
       3.3.1.3. Marks over more than one evaluation area.
       *This test will verify that the OPSCAN will recognize as one single mark marks that are detected in more than one evaluation area of the ones configured for the same candidate or political party.*

3.3.2. Mark shape
   3.3.2.1. Cross Marks
   *This test will verify multiple ballots marked with cross marks*
   3.3.2.2. Check Marks
   *This test will verify multiple ballots marked with check marks*
   3.3.2.3. Line Marks
   *This test will verify multiple ballots marked with straight or curved lines*
E. Factory Acceptance Test Protocol Outline

3.3.2.4. Letter Marks

*This test will verify multiple ballots marked with letters or words.*
E. Factory Acceptance Test Protocol Outline

3.3.3. Marks Location

3.3.3.1. Under the Insignia

3.3.3.1.1. Marks inside the provided rectangle

3.3.3.1.1.1. Marks in the center of the rectangle

This test will verify multiple ballots marked at the center of the provided rectangle under the insignia.

3.3.3.1.1.2. Marks at the corners of the rectangle

This test will verify multiple ballots marked at each one of the four corners of the provided rectangle under the insignia.

3.3.3.1.2. Marks at the left side of the insignia

3.3.3.1.2.1. Marks at the center of the evaluation area.

This test will verify multiple ballots marked on the center of the evaluation area configured at the left side of the insignia.

3.3.3.1.2.2. Marks at the upper side of the evaluation area

This test will verify multiple ballots marked on the upper side of the evaluation area configured at the left side of the insignia.

3.3.3.1.2.3. Marks at the lower side of the evaluation area

This test will verify multiple ballots marked on the lower side of the evaluation area configured at the left side of the insignia.

3.3.3.1.3. Marks at the right side of the insignia

3.3.3.1.3.1. Marks at the center of the evaluation area.

This test will verify multiple ballots marked on the center of the evaluation area configured at the right side of the insignia.

3.3.3.1.3.2. Marks at the upper side of the evaluation area.

This test will verify multiple ballots marked on the upper side of the evaluation area configured at the right side of the insignia.

3.3.3.1.3.3. Marks at the lower side of the evaluation area.

This test will verify multiple ballots marked on the lower side of the evaluation area configured at the right side of the insignia.

3.3.3.2. For Candidates

3.3.3.2.1. Marks at the center of the provided rectangle

This test will verify multiple ballots marked at the center of the provided rectangle at the left of each candidate

3.3.3.2.2. Marks at the corner of the provided rectangle

This test will verify multiple ballots marked at each one of the four corners of the provided rectangle at the left of each candidate
E. Factory Acceptance Test Protocol Outline

3.3.3. Write In
- This test will verify multiple ballots marked inside the predefined rectangles designated for the write in nomination.

3.4. Votes adjudication

3.4.1. Integró Votes
- This test will cast multiple “INTEGRO” votes, close the OPSCAN, print the results and verify that the results are correct.

3.4.2. Mixto Votes
- This test will cast multiple “MIXTO” votes, close the OPSCAN, print the results and verify that the results are correct.

3.4.3. Candidatura Votes
- This test will cast multiple “CANDIDATURA” votes, close the OPSCAN, print the results and verify that the results are correct.

3.4.4. Invalid Vote
- This test will cast multiple votes including votes classified as invalid, close the OPSCAN, print the results and verify that the results are correct.

3.4.5. Blank ballots with marks on the back side of the ballot.
- This test will cast multiple votes including blank ballots with marks on the back side, close the OPSCAN, print the results and verify that the results are correct.

3.4.6. Overvoted ballots
- This test will cast multiple votes including overvoted ballots, close the OPSCAN, print the results and verify that the results are correct.

3.4.7. Undervoted ballots
- This test will cast multiple votes including undervoted ballots, close the OPSCAN, print the results and verify that the results are correct.

3.4.8. Ballots recovered by the voter
- This test will cast multiple votes including the situation of ballots recovered by the voter, close the OPSCAN, print the results and verify that the results are correct.

3.4.9. Ballots with write in candidates
- This test will cast multiple votes including ballots with Write In candidates, close the OPSCAN, print the results and verify that the results are correct.

3.4.10. Ballots with independent candidates
- This test will cast multiple votes including ballots with Independent candidates, close the OPSCAN, print the results and verify that the results are correct.

3.5. Report with results of three digits.
E. Factory Acceptance Test Protocol Outline

This test will verify that the results report will be capable to print results with over three digits on the results.

3.6. Ballot orientation
This test will verify that the OPSCAN is capable to accept and cast ballots regardless the direction or the orientation of the ballots.

4. Legislative Ballot Canvassing
4.1. Ballot content
This test will verify the ballot content according with the specifications provided.

4.2. Voter’s interaction
4.2.1. Interaction messages

4.2.1.1. Vote accepted message no voter response required

4.2.1.1.1. Integer Vote
This test will verify that when different “Integro” votes are casted the correct message is generated at the display and that no response is expected from the voter.

4.2.1.1.2. Voto mixto – Mixto vote
This test will verify that when different “Mixto” votes are casted the correct message is generated at the display and that no response is expected from the voter.

4.2.1.1.3. Voto candidatura – Candidatura Vote
This test will verify that when different “Candidatura” votes are casted the correct message is generated at the display and that no response is expected from the voter.

4.2.1.2. Blank Ballot
This test will verify the interaction message generated by the OPSCSAN when different type of blank ballots are casted.

4.2.1.3. Undervote condition
This test will verify the interaction message generated by the OPSCSAN when different type of undervoted ballots are casted.

4.2.1.4. Overvote condition
This test will verify the interaction message generated by the OPSCSAN when different type of overvoted ballots are casted.

4.2.1.5. Not valid vote combination Vote
E. Factory Acceptance Test Protocol Outline

This test will verify the interaction message generated by the OPSCAN when ballots with different type of not valid vote combinations are casted.

4.2.1.6. Wrong ballot
This test will verify the interaction message generated by the OPSCAN when a ballot from a different Precinct that the one configured for the machine is attempted to be introduced.

4.2.1.7. Mutilated Ballots
4.2.1.7.1. Ballot with mutilated tracking marks.
This test will confirm that the OPSCAN will not accept ballots with mutilated track marks.

4.2.1.7.2. Ballot with phisical damages
This test will confirm that the OPSCAN will not accept ballots with phisical damages.

4.2.1.8. Multiple interaction messages ballots
This test will confirm that the OPSCAN will generate multiple interaction messages on the display if multiple conditions are present on a casted ballot.

4.2.2. Interaction actions from voter
4.2.2.1. Ballot recovery by the voter
This test will confirm that the voter will be capable of recover the ballot after an interaction message is generated by the OPSCAN.

4.2.2.2. Ballot confirmation
This test will verify that the OPSCAN will cast a ballot that is confirmed by the voter as correct even interaction conditions such as over vote and under vote are present.

4.3. Marks recognition
4.3.1. Marking size
4.3.1.1. Marks smaller than four scquare millimeters
This test will verify that the OPSCAN will not recognize as valid marks any mark under four square millimeters

4.3.1.2. Marks over four scquare millimeters
This test will verify that the OPSCAN will recognize as valid marks any mark over four square millimeters

4.3.1.3. Marks over more than one evaluation area.
This test will verify that the OPSCAN will recognize as one single mark marks that are detected in more than one evaluation area of the ones configured for the same candidate or political party.
E. Factory Acceptance Test Protocol Outline

4.3.2. Mark shape
   4.3.2.1. Cross Marks
   *This test will verify multiple ballots marked with cross marks*
   4.3.2.2. Check Marks
   *This test will verify multiple ballots marked with check marks*
   4.3.2.3. Line Marks
   *This test will verify multiple ballots marked with straight or curved lines*
   4.3.2.4. Letter Marks
   *This test will verify multiple ballots marked with letters or words.*

4.3.3. Marks Location
   4.3.3.1. Under the Insignia
      4.3.3.1.1. Marks inside the provided rectangle
      *This test will verify multiple ballots marked at the center of the provided rectangle under the insignia.*
      4.3.3.1.2. Marks at the corners of the rectangle
      *This test will verify multiple ballots marked at each one of the four corners of the provided rectangle under the insignia.*
   4.3.3.1.2. Marks at the left side of the insignia
      4.3.3.1.2.1. Marks at the center of the evaluation area
      *This test will verify multiple ballots marked on the center of the evaluation area configured at the left side of the insignia.*
      4.3.3.1.2.2. Marks at the upper side of the evaluation area
      *This test will verify multiple ballots marked on the upper side of the evaluation area configured at the left side of the insignia.*
      4.3.3.1.2.3. Marks at the lower side of the evaluation area
      *This test will verify multiple ballots marked on the lower side of the evaluation area configured at the left side of the insignia.*
   4.3.3.1.3. Marks at the right side of the insignia
      4.3.3.1.3.1. Marks at the center of the evaluation area
      *This test will verify multiple ballots marked on the center of the evaluation area configured at the right side of the insignia.*
      4.3.3.1.3.2. Marks at the upper side of the evaluation area
      *This test will verify multiple ballots marked on the upper side of the evaluation area configured at the right side of the insignia.*
      4.3.3.1.3.3. Marks at the lower side of the evaluation area
E. Factory Acceptance Test Protocol Outline

This test will verify multiple ballots marked on the lower side of the evaluation area configured at the right side of the insignia.

4.3.3.2. For Candidates

4.3.3.2.1. Marks at the center of the provided rectangle
This test will verify multiple ballots marked at the center of the provided rectangle at the left of each candidate

4.3.3.2.2. Marks at the corner of the provided rectangle
This test will verify multiple ballots marked at each one of the four corners of the provided rectangle at the left of each candidate

4.3.3.3. Write In
This test will verify multiple ballots marked inside the predefined rectangles designated for the write in nomination.

4.4. Votes adjudication

4.4.1. Integró Votes
This test will cast multiple “INTEGRO” votes, close the OPSCAN, print the results and verify that the results are correct.

4.4.2. Mixto Votes
This test will cast multiple “MIXTO” votes, close the OPSCAN, print the results and verify that the results are correct.

4.4.3. Candidatura Votes
This test will cast multiple “CANDIDATURA” votes, close the OPSCAN, print the results and verify that the results are correct.

4.4.4. Invalid Vote
This test will cast multiple votes including votes classified as invalid, close the OPSCAN, print the results and verify that the results are correct.

4.4.5. Blank ballots with marks on the back side of the ballot.
This test will cast multiple votes including blank ballots with marks on the back side, close the OPSCAN, print the results and verify that the results are correct.

4.4.6. Overvoted ballots
This test will cast multiple votes including overvoted ballots, close the OPSCAN, print the results and verify that the results are correct.

4.4.7. Undervoted ballots
This test will cast multiple votes including undervoted ballots, close the OPSCAN, print the results and verify that the results are correct.
E. Factory Acceptance Test Protocol Outline

4. Ballots recovered by the voter
   This test will verify the ballot content and the orientation of the ballots.

4.1.2. Ballots recovered by the voter
   This test will verify that the OPSCAN is capable to accept and count ballots regardless the direction or the orientation of the ballots.

4.2. Ballots printed by the voter
   This test will verify that the results report will be capable to print results with over three digits.

4.3. Ballots printed by the voter
   This test will verify that the results report will be capable to print results with over three digits.

4.4. Ballots printed by the voter
   This test will verify that the results report will be capable to print results with over three digits.

4.5. Ballots printed by the voter
   This test will verify that the results report will be capable to print results with over three digits.

4.6. Ballots printed by the voter
   This test will verify that the results report will be capable to print results with over three digits.

5. Municipal Ballot Canvassing

5.1. Ballot content
   This test will verify that when different "Mixto" votes are casted the correct message is generated at the display and that no response is expected from the voter.

5.2. Voter's interaction
   This test will verify that when different "Mixto" votes are casted the correct message is generated at the display and that no response is expected from the voter.

5.2.1.1.1. Vote accepted message no voter response required
   This test will verify that when different "Mixto" votes are casted the correct message is generated at the display and that no response is expected from the voter.

5.2.1.2. Vote rejected message no voter response required
   This test will verify that when different "Mixto" votes are casted the correct message is generated at the display and that no response is expected from the voter.

5.2.1.3. Vote not found message no voter response required
   This test will verify that when different "Mixto" votes are casted the correct message is generated at the display and that no response is expected from the voter.
E. Factory Acceptance Test Protocol Outline

5.3.1. Marks smaller than four square millimeters

5.3.1. Marking size

5.3.2. Marks recognition

5.2.2. Ballot confirmation

This test will verify that the OPSCAN will count a ballot that is confirmed by the ballot recovery by the voter.

5.2.2. Ballot recovery by the voter

5.2.2. Interaction actions from voter

5.2.2. Interaction messages generated by the OPSCAN.

This test will confirm that the voter will be capable of recovering the ballot after an interaction with the OPSCAN.

5.2.3. Ballot with physical damages

This test will confirm that the OPSCAN will not accept ballots with physical damages.

5.2.3. Ballot with physical damages

This test will confirm that the OPSCAN will not accept ballots with multiple ballot marks.

5.2.4. Ballot with multiple marks

This test will verify the interaction messages generated by the OPSCAN when a wrong ballot with different type of overvoted votes are casted.

5.2.4. Overvote condition

This test will verify the interaction messages generated by the OPSCAN when different type of undervoted ballots are casted.

5.2.4. Undervote condition

This test will verify the interaction messages generated by the OPSCAN when blank ballots are casted.

5.2.4. Blank Ballot

F. Factory Acceptance Test Scenarios

Optical Scanning Voting System
E. Factory Acceptance Test Protocol Outline

Outline:

- 5.3.1.1. Marks at the lower side of the evaluation area
- 5.3.1.2. Marks at the upper side of the evaluation area
- 5.3.1.3. Marks at the center of the evaluation area
- 5.3.1.4. Marks at the center of the provided rectangle
- 5.3.1.5. Marks at the center of the provided circle

This test will verify multiple ballots marked with a single mark that are detected in more than one evaluation area or that are undetected for the same candidate or political party.

- 5.3.2.1. Cross Marks
- 5.3.2.2. Check Marks
- 5.3.2.3. Line Marks
- 5.3.2.4. Letter Marks

Four square millimeters

- 5.3.3.1. Marks under the insensitive area
- 5.3.3.2. Marks at the left side of the insensitive area
- 5.3.3.3. Marks at the right side of the insensitive area
- 5.3.3.4. Marks at the top side of the insensitive area

Official Scanning Voting System
5.4.5 Blank ballots with marks on the back side of the ballot.
5.4.5 Print the results and verify that the results are correct.
This test will verify multiple ballots marked as invalid, close the OSCAN.
5.4.4 Invalid Vote

5.4.3 Candidatura Votes
This test will verify multiple "Candidatura" votes, close the OSCAN, print the results and verify that the results are correct.
5.4.2 Mixto Votes
This test will verify multiple "Mixto" votes, close the OSCAN, print the results and verify that the results are correct.
5.4.1 Integrado Votes
This test will verify multiple "Integrado" votes, close the OSCAN, print the results and verify that the results are correct.

Voting adhesion
This test will verify multiple ballots marked inside the predefined rectangles.
5.3.3.2. Write In

Marks at the center of the provided rectangle.
5.3.3.2. For candidates
Marks at the lower side of the right side of the hashmark.
5.3.3.2. FOR candidates
Marks at the lower side of the right side of the hashmark.
5.3.3.2. FOR candidates
Marks at the upper side of the right side of the hashmark.
5.3.3.2. FOR candidates
Marks at the upper side of the right side of the hashmark.
5.3.3.2. FOR candidates
Marks at the lower side of the right side of the hashmark.
5.3.3.2. FOR candidates
Marks at the lower side of the right side of the hashmark.
5.3.3.2. FOR candidates
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E. Factory Acceptance Test Protocol Outline

6.2.1.3. Different type of blank ballots are casted.

This test will verify if the interconnection message generated by the OPSCAN when
Blank ballot

6.2.1.2. No response is expected from the voter.

This test will verify that the incorrect message is generated at the display and that
Blank ballot accepted message

6.2.1.1. OPSCAN's interaction with the specified conclusions provided.

This test will verify the ballot content according to the specifications provided.

6.1.7. Ballot content

6. Primary election ballots I of X

Direction of the orientation of the ballots:

This test will verify that the OPSCAN is capable to accept and cast ballots regardless the
Ballot orientation

5.5. Report with results of the digits:

This test will verify that the results report will be capable to print results with over three digits

5.5.1. OPSCAN, print the results and verify that the results are correct.

5.4.1. OPSCAN, print the results and verify that the results are correct.

5.4.2. OPSCAN, print the results and verify that the results are correct.

5.4.3. OPSCAN, print the results and verify that the results are correct.

5.4.4. Ballots with independent candidates.

5.4.5. Ballots with write-in candidates.

5.4.6. Ballots recovered by the voter.

5.4.7. Undervoted ballots.

5.4.8. Overvoted ballots.

5.4.9. Ballots casted by the voter.

5.4.10. OPSCAN, print the results and verify that the results are correct.

5.4.11. OPSCAN, print the results and verify that the results are correct.

5.4.12. OPSCAN, print the results and verify that the results are correct.
6.2.1.4. Overvote Condition
This test will verify the interaction message generated by the OPSCAN when a different type of overvoted ballots are casted.

6.2.1.5. Wrong Ballot
This test will verify the interaction message generated by the OPSCAN when a ballot from a different Precinct that the one configured for the machine is attempted to be introduced.

6.2.1.6. Mutilated Ballots
This test will confirm that the OPSCAN will not accept ballots with mutilated track marks.

6.2.1.6.1. Mutilated Ballots
This test will confirm that the OPSCAN will not accept ballots with physical damages.

6.2.2. Interaction actions from voter

6.2.2.1. Ballot recovery by the voter
This test will verify the ballot recovery that the voter will be capable of recover the ballot after an interaction message is generated by the OPSCAN.

6.2.2.2. Ballot confirmation
This test will verify that the OPSCAN will cast a ballot that is confirmed by the voter as correct even interaction conditions such as over vote and under vote are present.

6.3. Marks recognition

6.3.1. Marking size

6.3.1.1. Marks smaller than four square millimeters
This test will verify that the OPSCAN will not recognize as valid marks any mark over four square millimeters.

6.3.1.2. Marks over four square millimeters under four square millimeters
This test will verify that the OPSCAN will recognize as valid marks any mark over four square millimeters.

6.3.1.3. Marks over more than one evaluation area
This test will verify that the OPSCAN will recognize as one single mark marks that are detected in more than one evaluation area of the ones configured for the same candidate or political party.
This test will verify that the results are correct.

6.4.3.4. Verify that the results are correct.

6.4.3.3. Verify that the results are correct.

6.4.3.2. Verify that the results are correct.

6.4.3.1. Verify that the results are correct.

6.4.3.0. Verify that the results are correct.

6.4.2. Verify that the results are correct.

6.4.1. Verify that the results are correct.

6.4.0. Verify that the results are correct.

6.3.3. Verify that the results are correct.

6.3.2. Verify that the results are correct.

6.3.1. Verify that the results are correct.

6.3.0. Verify that the results are correct.

5.3.3. Verify that the results are correct.

5.3.2. Verify that the results are correct.

5.3.1. Verify that the results are correct.

5.3.0. Verify that the results are correct.

4.3.3. Verify that the results are correct.

4.3.2. Verify that the results are correct.

4.3.1. Verify that the results are correct.

4.3.0. Verify that the results are correct.

E. Factory Acceptance Test Protocol Outline

Factory Acceptance Test Outline

Official Scanning Voting System
E. Factory Acceptance Test Outline

Optical Scanning Voting System

The working copy of the FAT includes these political parties for General Elections ballots, ballots discussing and review as part of our negotiation meetings. This document will be available for pages including nearly 5,500 pre-marked ballots samples. A working copy of the FAT is already developed with a total of 17 volumes and nearly 6,000 General Comments Regarding the Factory Acceptance Test.

Yes / no questions to be answered in the same ballot. These tests will follow a similar format and structure than the Primary Election Ballots 1 or 2 with two Referendum Election Ballots.

These tests will follow a similar format and structure than the Primary Election Ballots 1 or 2 with the addition of the underwrite functionally testing similar to the ones detailed on the legislative ballots. These tests will follow a similar format and structure than the Primary Election Ballots 1 or 2 with the addition of the underwrite functionally testing similar to the ones detailed on the legislative ballots. These tests will follow a similar format and structure than the Primary Election Ballots 1 or 2 with the direction of the orientation of the ballots. This test will verify that the OPSCAN is capable to accept and cast ballots regardless the 6.6. Ballot Orientation