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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/27/21 |
| **Test Case ID #:** Test\_399\_09\_01 | **Name(s) of Testers:** Aaron Kandikatla |
| **Test Description:**  Given a standard OPL election with candidates, parties, ballots, and seats, where the initial allocation and second allocations have occurred. Tests that the summary table which is written to the report is accurately printed |  |
| **Automated:** Yes | **Indicate where you are storing the tests (what file) and the name of the method/functions being used:**  Test file: Project1/src/test/org/team19/OpenPartyListSystemTest.java Test method: testPrintSummaryTable Method/constructor being tested: printSummaryTable from Project1/src/main/org/team19/OpenPartyListSystem.java |
| **Results:** Pass |  |
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| **Preconditions for Test:**  There exists a file called test\_print\_summary\_table\_expected.txt in testing/test-recources/openPartyListSystemTest/ which represents the expected output and the system is able to open and read the file. | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Tests that the final set of Candidates to receive seats can potentially include either Jones or Borg since they both have the same number of votes | **Party D:**  Ballots: 5  First allocation: 2 seats  Remaining ballots: 2  Second allocation: 0  Final seats: 2  **Party R:**  Ballots: 3  First allocation: 1  Remaining ballots: 0  Second allocation: 0  Final seats: 1  **Party I:**  Ballots: 1  First allocation: 0  Remaining ballots: 1  Second allocation: 0  Final seats: 0 | test\_print\_summary\_table\_expected.txt matches the file written by printSummaryTable | test\_print\_summary\_table\_expected.txt matches the file written by printSummaryTable | N/A |

**Post condition(s) for Test:**

 N/A