System integration tests were just running the previous tests to ensure that the addition of MPO did not break IR and OPL. These all passed again. Please see the previous test logs for this information, as is allowed from the project write up.

PBI	MPO Tie Breaking Functionality
Team Member	Logan
Inputs	A file representing an MPO election
Tests	1. An MPO election where there is only one seat available and there is a tie for that seat. This should be run 1000 times to ensure that it is randomly decided. 2. An MPO election where there are two seats available and there is a tie for the second seat. This should be run 1000 times to ensure that it is randomly decided. 3. An MPO election where there are three seats available and there is a tie for both seats (i.e. a 3 way tie for two seats). This should be run 1000 times to ensure that it is randomly decided.
Outputs	1. True or false if the winners are equally distributed.
Passed or Failed	All passed. Can run these; they are MPOTieTest1.java, MPOTieTest2.java, and MPOTieTest3.java in the testing subfolder of the src folder.
Date	12/10/2023

PBI	OPL runs without any errors
Team Member	Logan
Inputs	A file representing an OPL election with no ballots.
Tests	1. Test to see if there is a divide by 0 error when there are no ballots in an OPL election
Outputs	1. "There are no ballots in this election"
Passed or Failed	Passed. Can run this by running main with filename OPLEmpty.csv
Date	12/10/2023

PBI	MPO Election Type
Team Member	Matthew Johnson

Inputs	testing/MPOtest1.csv, MPOtest2.csv, MPOtest3.csv
Tests	1. MPOtest1.csv tests an MPO election with 2 open seats and a tie for the second seat 2. MPOtest2.csv tests an MPO election with 3 open seats and a tie for second place 3. MPOtest3.csv tests an MPO election with 1 open seat and a tie for that seat
Outputs	1. Pike wins with 3 votes, either Foster or Borg wins the second seat with 2 votes 2. Pike wins with 3 votes, either Foster or Borg wins the second seat, then the other wins the third seat 3. Either Pike or Smith win the seat
Passed or Failed	Passed. Can run this by running main with filenames MPOtest(1-3).csv
Date	12/11/2023

PBI	MPO election displays stats to the screen
Team Member	Matthew Johnson
Inputs	testing/MPOtest4.csv
Tests	1. Tests the stat output functionality of MPO
Outputs	1. Output should show that Pike and Jones have 25% of the votes, Foster has 12.5% of the votes, and Deutsch has 37.5% of the votes.
Passed or Failed	Passed. Can run this by running main with filenames MPOtest(1-3).csv
Date	12/11/2023

PBI	OPL tie breaking functionality
Team Member	Bek Allenson
Inputs	OPLtietest.csv
Tests	1. Tests the ability of OPL to break a tie.
Outputs	1. John should win 50% of the time and Rob should win 50% of the time.

Passed or Failed	Passed. Can run this by running main with OPLtietest.csv
Date	12/11/2023

PBI	As an election official, I want ballots with less than half of the candidates ranked in an IRV election to be discounted and noted in a file.
Team Member	Perrie Gryniewicz
Inputs	electionTest3.csv
Tests	1. Tests the ability of FileProcessor to disqualify ballots with less than 50% of the candidates ranked and write them to a file.
Outputs	1. A random person should win since there are no ballots counted toward the election.
Passed or Failed	Passed. Can run this by running main with electionTest3.csv
Date	12/11/2023