

Whereas calls of suspicious activity have to cause insecurity and doubt about the legitimacy and accuracy of our elections. However, our people have been critical of calls to exchange our secret ballot in exchange for security.

Whereas voter registration and ID codes would strengthen the security of our electoral process while allowing our people to remain free from potential political prosecution.

The following bill:

I. Voter ID codes

- A. All voters will be given codes after registration that will be used to validate that they are who they are while allowing voters to maintain a high grade of anonymity
 1. The tabulation process will be modified, so that before votes are tabulated, the google form ballot used to generate the results will produce a separate results sheet prior to tabulation. A Tabulator (the person who will calculate the winners and result of the election) will go into the duplicate sheet and hide the columns with all data that could identify voters except for their ID codes.
 2. Validators, the people who will validate the election results as not being fraudulent or being the target of suspicious manipulation, will compare the ID codes with the known Registration list to ensure that the only people who have voted are people who have registered beforehand.
 3. Once the analysis of the ID codes has been completed, validators will have the power to flag any suspicious codes, and only if the codes do not match a code in the Registration list can they be discarded from the final tabulation, but not from the duplicate record.
 - a) Important note, the Validators work on a **duplicate** of the results before tabulation, not the final sheet of the results. They also **do not delete anything**, they **flag** things for removal (possibly by changing the highlight color, font, etc.) from the ballot tabulation so that they can be removed there. It would be the duty of the SoE to remove flagged votes from the final tabulation, all data the final tally are to be posted publically with the ID codes or other identifying information hidden as soon as they are certified and made official. The Duplicate will remain hidden for the duration of an amount of time left up to the Senate.
 4. Validators shall be required by law to contact anyone with duplicate codes to ask if they had accidentally double voted or if their code was leaked so that in the event it was an honest mistake, they have a chance to correct it. They shall be given a time set by the Senate to respond before discounting their vote from the final tally.
 5. Once all recording, eliminating, and rectifying of errors has been completed to the best of their ability, the validators will contact the tabulator to inform them of which votes to strike from the final tally. The

tabulator will then tabulate the final results of the election while also scrambling the scores depending on the election, so that way no election staff that could have saved a copy of the codes next to each score can identify exact who voted for whom.

6. The SoE will publish the final results so that way people can know who won while maintaining the maximum amount of anonymity possible.
 - a) Important note: The **Tabulator and Validators must be separate people** for this to work, meaning there needs to be a **separate coequal person to the SoE** when running elections. Either the Tabulator is the SoE or a head Validator is. If the tabulator has access to the master index of registration(which is extremely important to this entire system), **voter anonymity will be compromised completely in the wrong hands**. This cannot be understated.
 - b) Important note: the Validators should be **non-partisan appointees** of diverse political backgrounds to prevent any one group from gaining an opportunity to manipulate the election, possibly being semi-permanent appointees (to minimize the number of people who know the master index of all registration codes).

II. Registration

- A. All voters will be required to register before being able to vote by posting in any chat on the sub or on specific subs such as announcements for elections on the sub. There are a few ways that could be done, possibly with a mix solutions (eg. not mutually exclusive).
 1. Automatic Voter Registration (AVR) - We design a bot so that once a Redditor has met certain criteria as defined by the Senate (such as karma requirements, subscribing duration, age of the account, etc.) that when they respond in posts with a command (like “!Register”) a bot will use those criteria and determine if the Redditor can be allowed to vote. If they are allowed to vote the bot will direct message the player a random 6 digit code to use when voting. The bot will then record the ID code as well as the associated username in a master index so that way validators can look people up when validating for elections.
 2. Expanded election staff - the SoE will be able to select deputies with the Senates approval that will assist in the election process. They will register any commenters on the sub that meet the criteria to vote as designated by the Senate. They will then do what is described in AVR but manually, eg. giving out the 6 digit codes and recording which code is assigned to who in the master index.
 - a) Important note: We could add a flair on the sub that will put a check next to a user’s username once they have registered to vote, having it either be given out by the bot or manually

III. Expanded Election Staff

- A. As the increased burden of having a registration process may put a strain on the SoE, It is expected that they shall be allowed to appoint deputies to be validators and the tabulator, but the tabulator is forever barred from seeing the Registration list.
 1. The SoE shall appoint a tabulator that will be unable to view the registration list for life but will be the person fulfilling the responsibilities as described below
 2. A Tabulator is defined as a member of the election staff that will oversee the election's ballot and tabulate the final results. They are to duplicate the results of the election before calculation, selecting and hiding all columns with voting data, such as scores for candidates and views on referendum questions, as well as identifying information, such as a timecode or suggestion. They are not to delete any information from the duplicate, and can only delete information from the main result after it has been flagged and addressed by validators They do not have access to the Registration list.
 3. A Validator is defined as a member of election staff who views the duplicate of the election results and checks to make sure the ID codes used when voting match a code in the registration list. If there is a vote with a code that is not in the registration list, then that vote is to be flagged for removal without any process to save that vote. If a code has been used twice, if after contacting the tabulator to see if there are different scores or views expressed by both votes with the code being used, the validators are to immediately contact the voter in order to fix the issue. In the event that this happens their previous vote is to be removed from the final tally with their corrected vote used in its place. After all validation work has been completed, the validators shall contact the tabulator and instruct them to begin tabulating the results.