**Instructions for Running Filtering Algorithm**

1. Set up your working folders
   1. MAIN FOLDER – 2017SJReceiverData, within this folder create the following folders:
   2. 'raw' - holds raw .jst files
   3. 'cleaned' - where the code will place your cleaned raw files
   4. 'accepted' - where the code will place your good detections
   5. 'rejected' - where the code will place you detections that were filtered out
   6. 'taglist' - holds a .csv of known Tag IDs to filter by
2. Copy .jst files to the ‘raw’ folder
3. Copy csv of known tag IDs to the taglist folder
4. Open R
5. Set WD to (“…/SJReceiverData/”)
6. Run install.load function
7. Run counter
8. Run mode function
9. Run magicFunc
10. Run dataFilter
11. Run cleaning loop
12. Run filtering loop
    1. In the filtering loop you can change the ‘filterthresh’ and the ‘counter’ inputs
13. View Results