Start S_OV_5_A123B1C4 S_Kx_I0.001_B23D1 update something in the master check which send command slaves are to slave active end of firstChar = firstChar = firstChar = function 'M' 'S' True True update something in the update secChar = inString[1] param = inString[3-underscore] value = inString[underscore-end] get paramToSend OV_5_ MS_debug_5_A12C3 master's array of slaves for each master slave[i] get vialList parameter (ex: vial mode) A123B1C4 secChar = secChar 'M' 'S' sayHey(i) get list of vials to send this to (everything after the last underscore) returned param value contains = 99 "timebt" end of for each for each slave[s] slave[s] function slave is active slave is not active update timeBetweenRequests if slave name if slave name printSlaveInfo is in string is in string slaveName slaveName end of is in vialList A123B1C4 is in <u>vialList</u> create string to write and print it end of function get the vial for each slave get the vial for each slave #s for just after this one: #s for just after this one: this slave if it is in slave[ns] this slave if it is in slave[ns] vialList, remove vialList, remove after it that info that info slaveName is in <u>vialList</u> remove from that slave through the end remove from that slave through the end (leaving you with just the vial numbers for this slave) eaving you with just the vial numbers for this slave thisSlaveVials thisSlaveVials update this vial's mode make the <u>toSend</u> with paramToSend new string and send vial[k] in convert toSend to a char array isSlaveVial it to that send toSend to slave <u>slaveToSendTo</u> convert to int (as a char array) for each vial[p] in this slave[s] confirm that slaves saved parameter for each updates lave.vials[p slave[s] if slave name arr_slaves[s].vials[p].mode = is in string slaveName is in vialList it's not get the vial for each slave #s for just after this one: for each this slave if it is in slave[ns] vialList, remove that info slaveName is in vialList thisSlaveVials ove everything before/including this slaveName thisSlaveVials vial in this

requestConfirmation