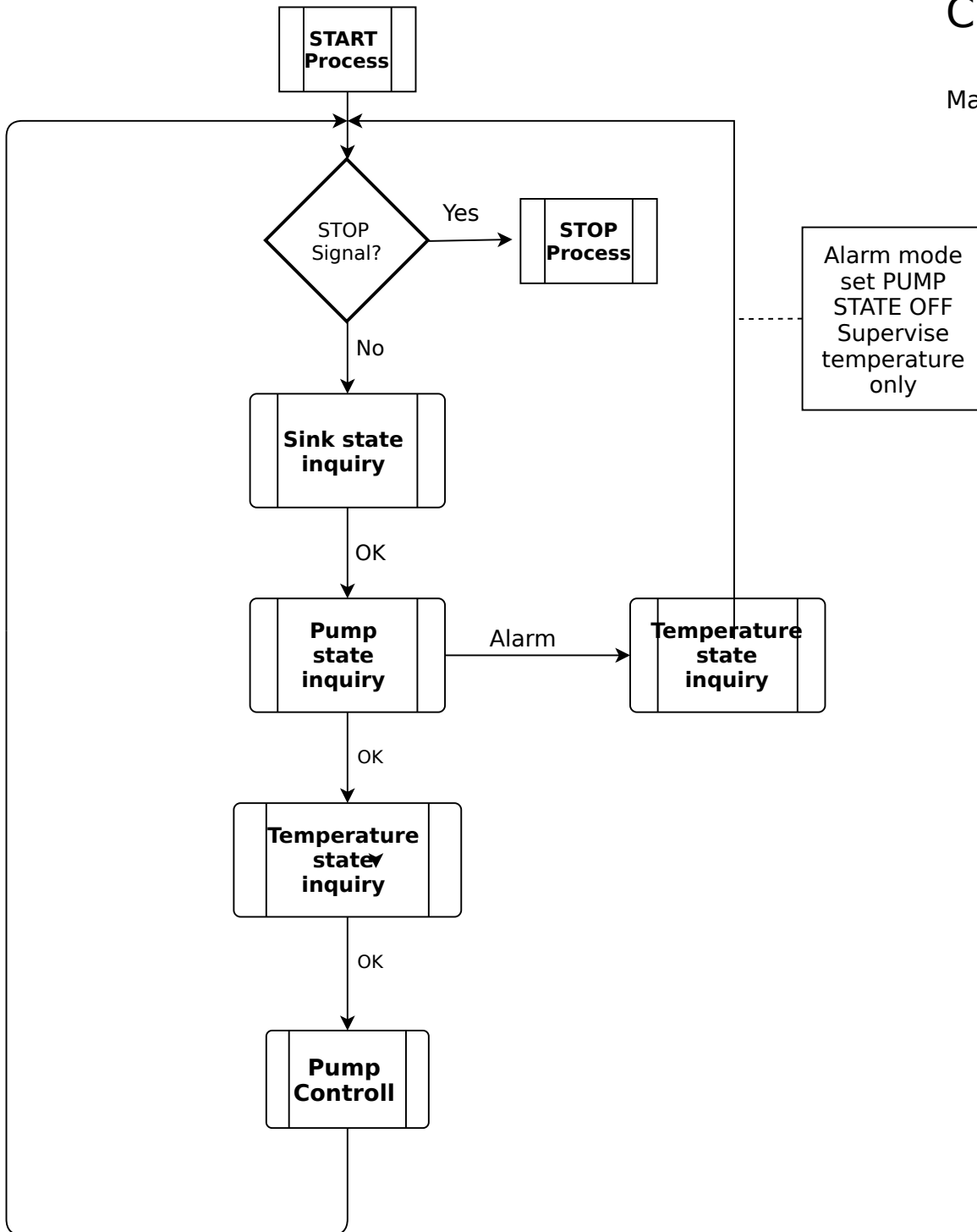


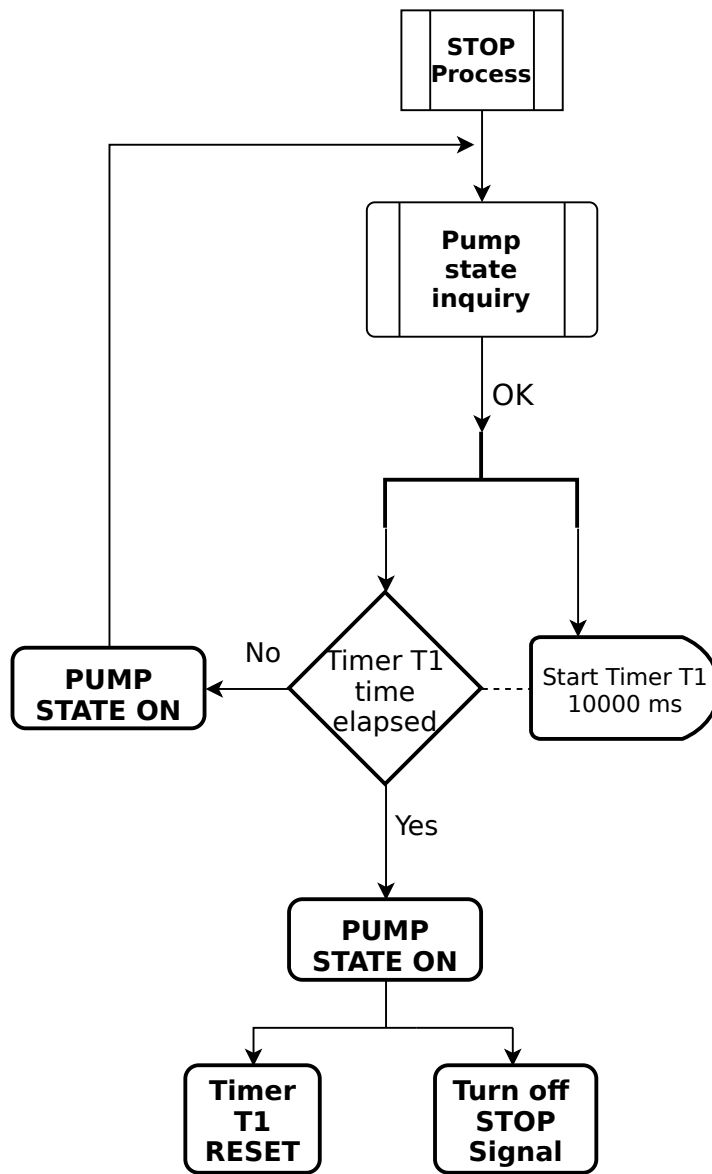
# Task Motor Cooling

Main process loop



# Task Motor Cooling

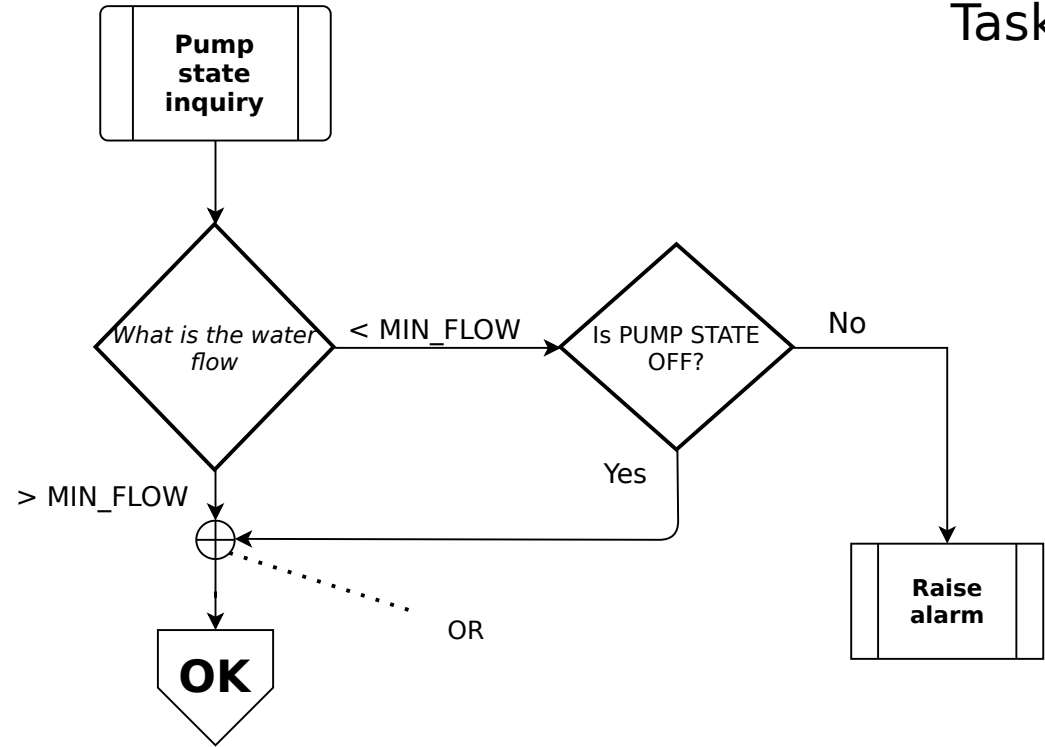
Loop executed in order to get rid of water which is still in cooling system



*T1 time has to be checked on actual boat*

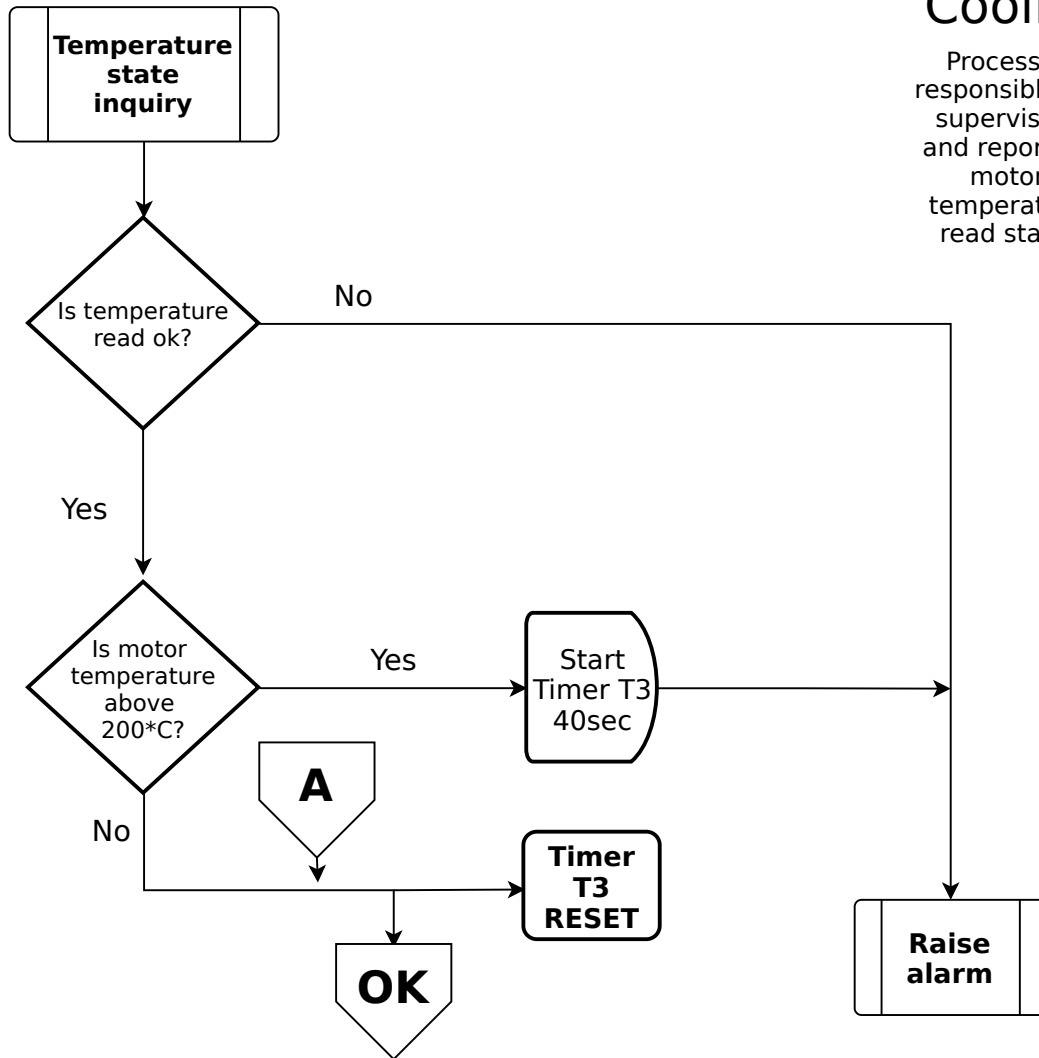
# Task Pump Controller

Process is responsible for supervising and reporting pump state

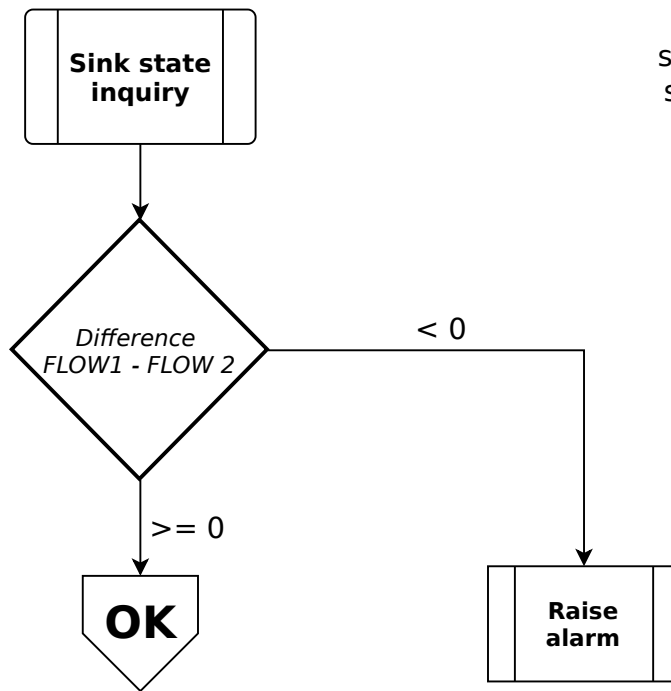


# Task Motor Cooling

Process is responsible for supervising and reporting motor temperature read state



# Task Pump Controller



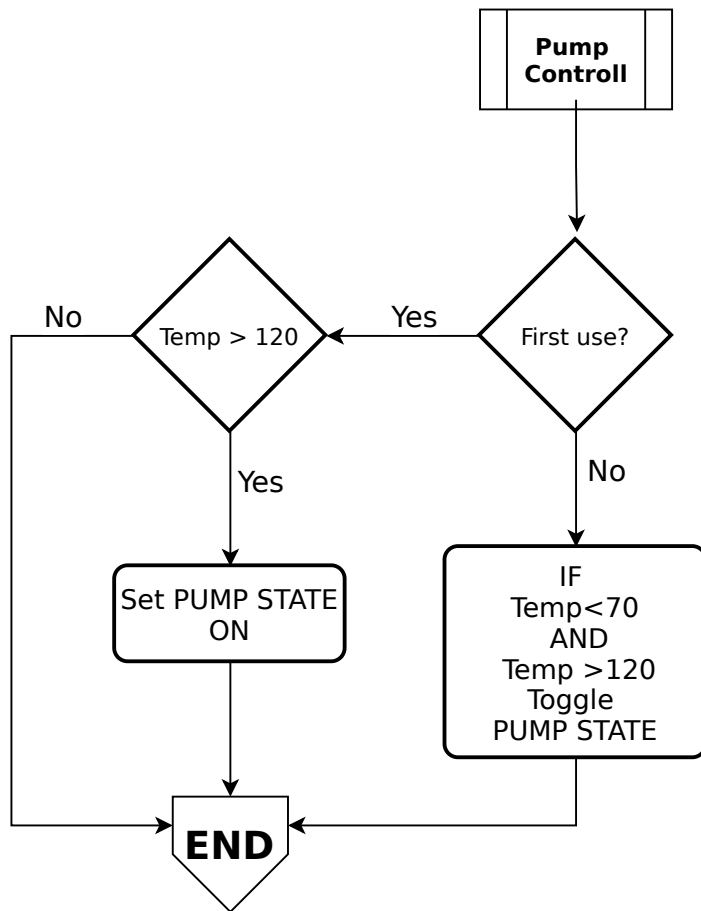
Process is responsible for supervising and reporting sink state by analysis of back flow meter measurement

## Disclaimer

**Measurement error should be considered**

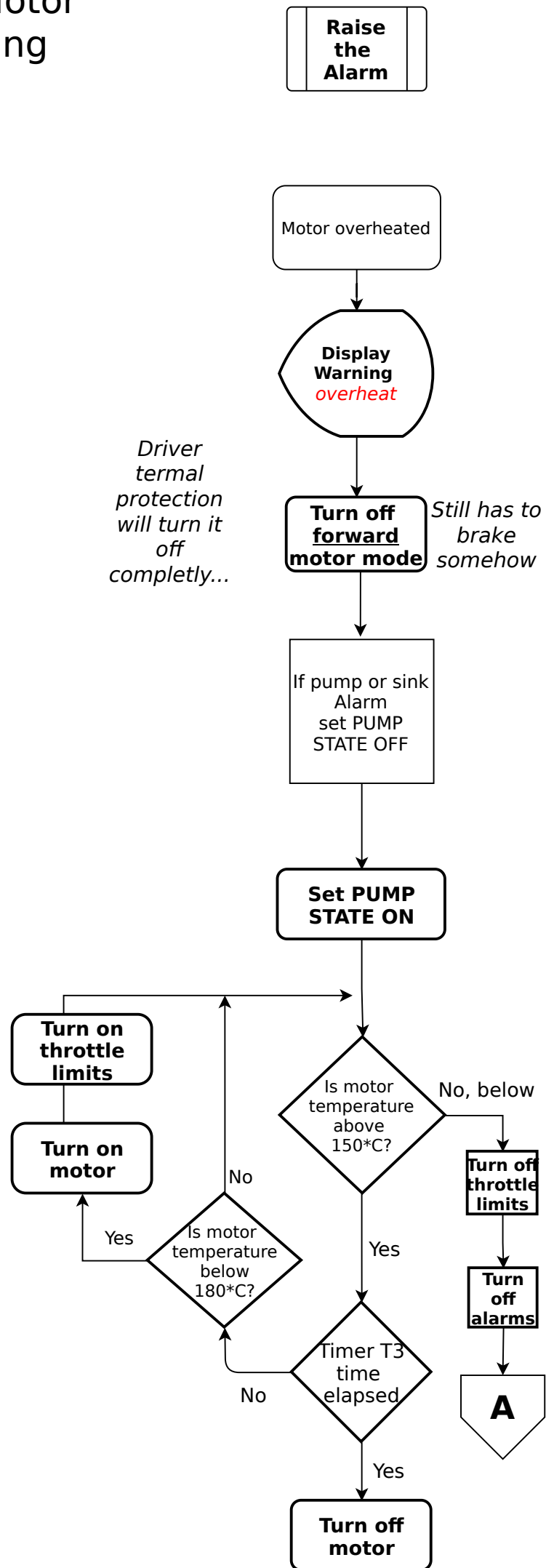
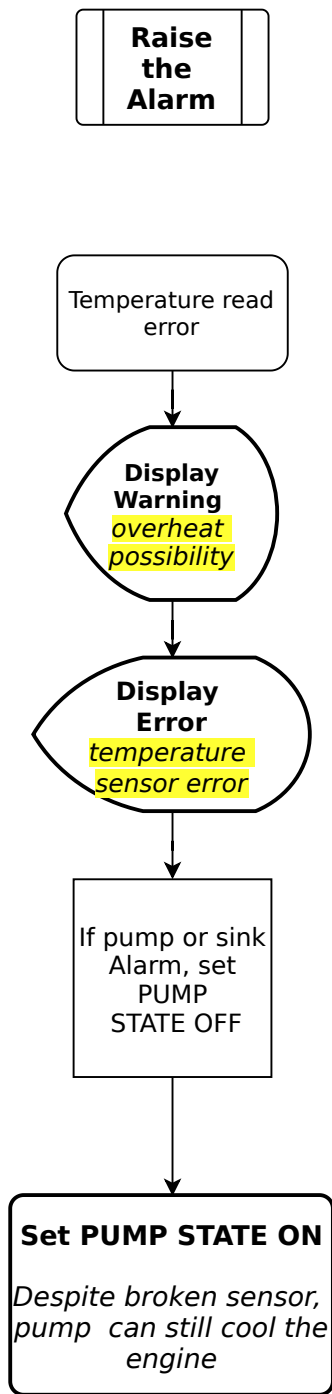
# Task Pump Controller

Hysteresis controll loop



# Task Motor Cooling

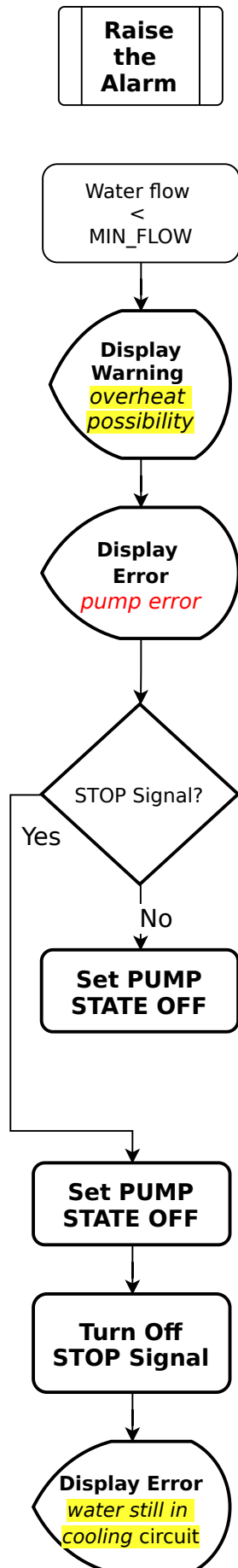
Process is responsible for taking actions during temperature alarm state



*Driver thermal protection will turn it off completely...*

# Task Pump Controller

Process is responsible for taking actions during pump alarm state





# Task Motor Cooling



Process is responsible  
for taking actions  
during sink alarm state

