

cell shield battery

hologram.io SIM card

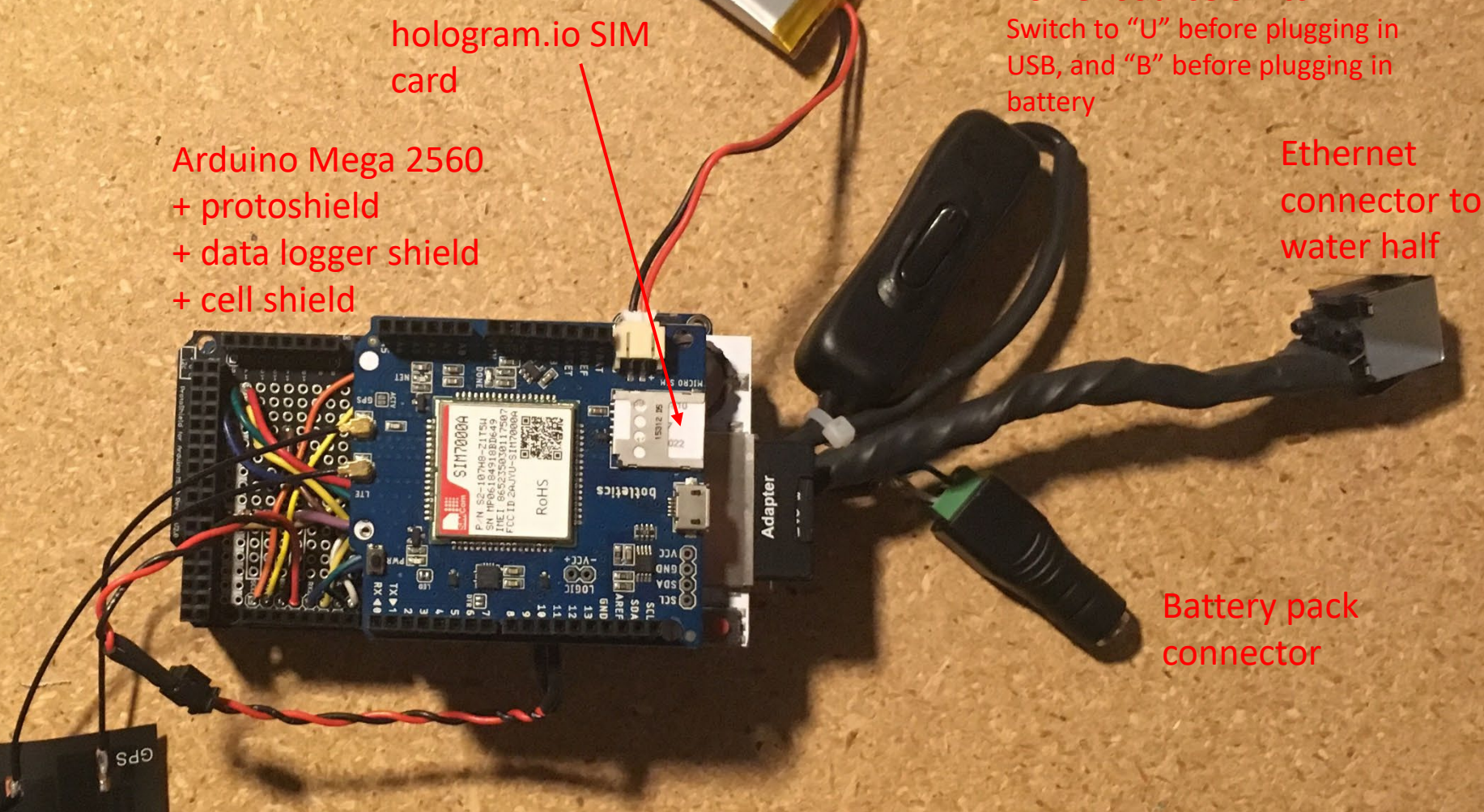
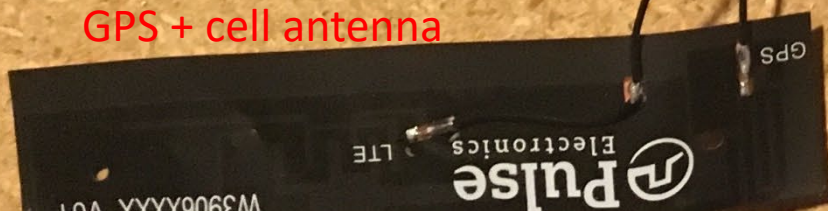
Arduino Mega 2560  
+ protoshield  
+ data logger shield  
+ cell shield

Power source switch  
Switch to "U" before plugging in  
USB, and "B" before plugging in  
battery

Ethernet  
connector to  
water half

Battery pack  
connector

GPS + cell antenna





9V battery connector  
(powers solenoid)

Solenoid valve  
connector

To temp probe

To EC probe

Ethernet  
connector to land  
half

Temp probe chip

EC probe chip

Voltage  
regulator/isolation

