

Iridium 9603 Beacon Prototype

Paul Clark 03/09/16

Adafruit Ultimate GPS Breakout

<https://www.adafruit.com/products/746>

(GlobalTop FGPMMA6H)

Sparkfun MPL3115A2 Breakout

(Pressure and Temperature)

<https://www.sparkfun.com/products/11084>

Adafruit Feather Adalogger M0

<https://www.adafruit.com/products/2796>

3.7V 1000mAh LiPo

(For testing only – no good for flight!

To be replaced with 3 x Energiser Ultimate
Lithium AAA Cells)

Iridium 9603 on Satelligent DIP
Adapter

<https://www.iridium.com/products/details/iridium-9603>

<http://satelligent.ca/products/accessories/9603-dip/>

Linear Technology LTC3225
SuperCapacitor Charger

<http://www.linear.com/product/LTC3225>

<http://www.linear.com/solutions/2187>

2 x 1F 2.7V SuperCapacitors

Bussmann HV0810-2R7105-R

Not Shown:

External Iridium Antenna

(To be replaced with Taoglas
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