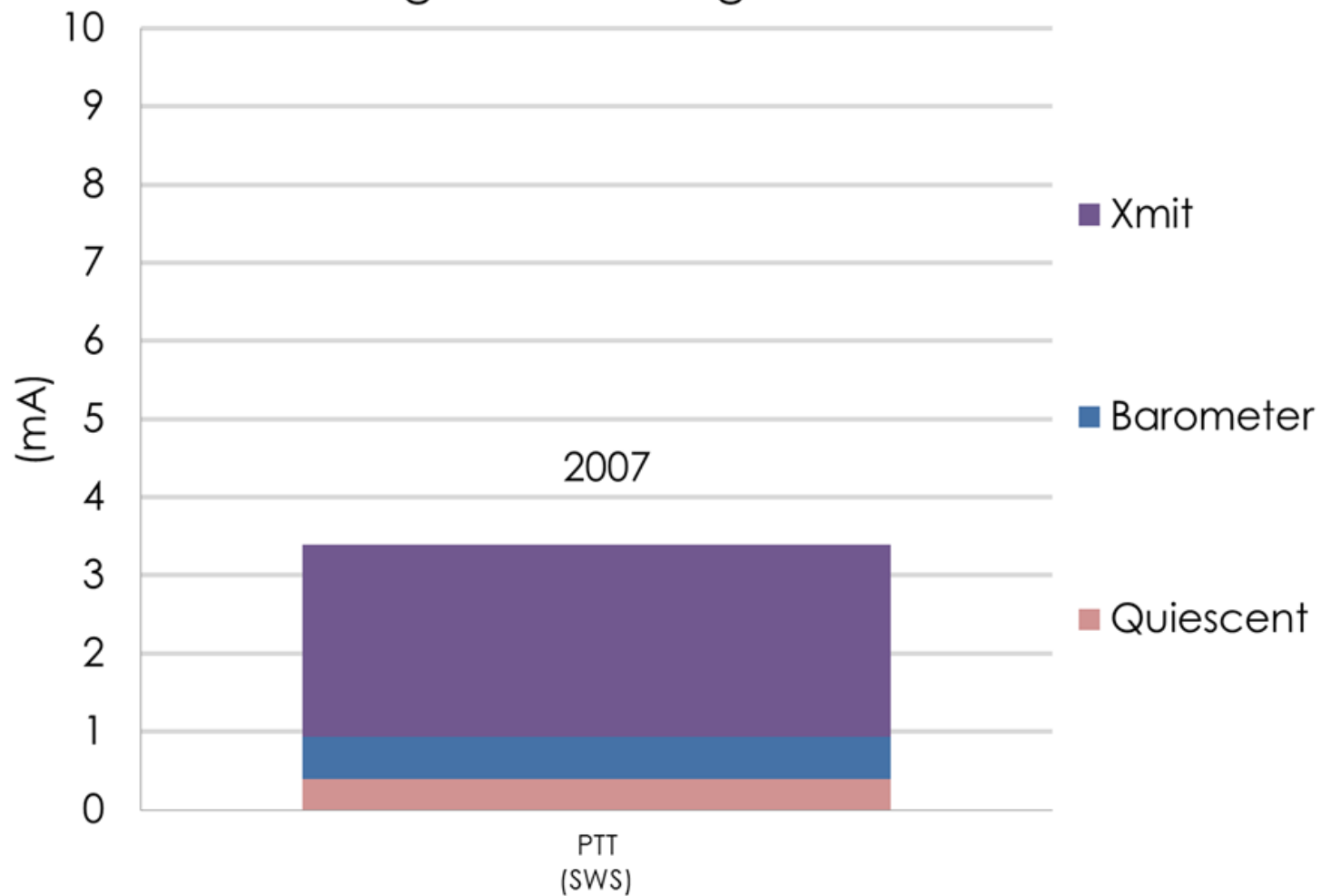


SVPB POWER CONSUMPTION ANALYSIS

DBCP 29, Paris, France

Average Current Argos SVPB

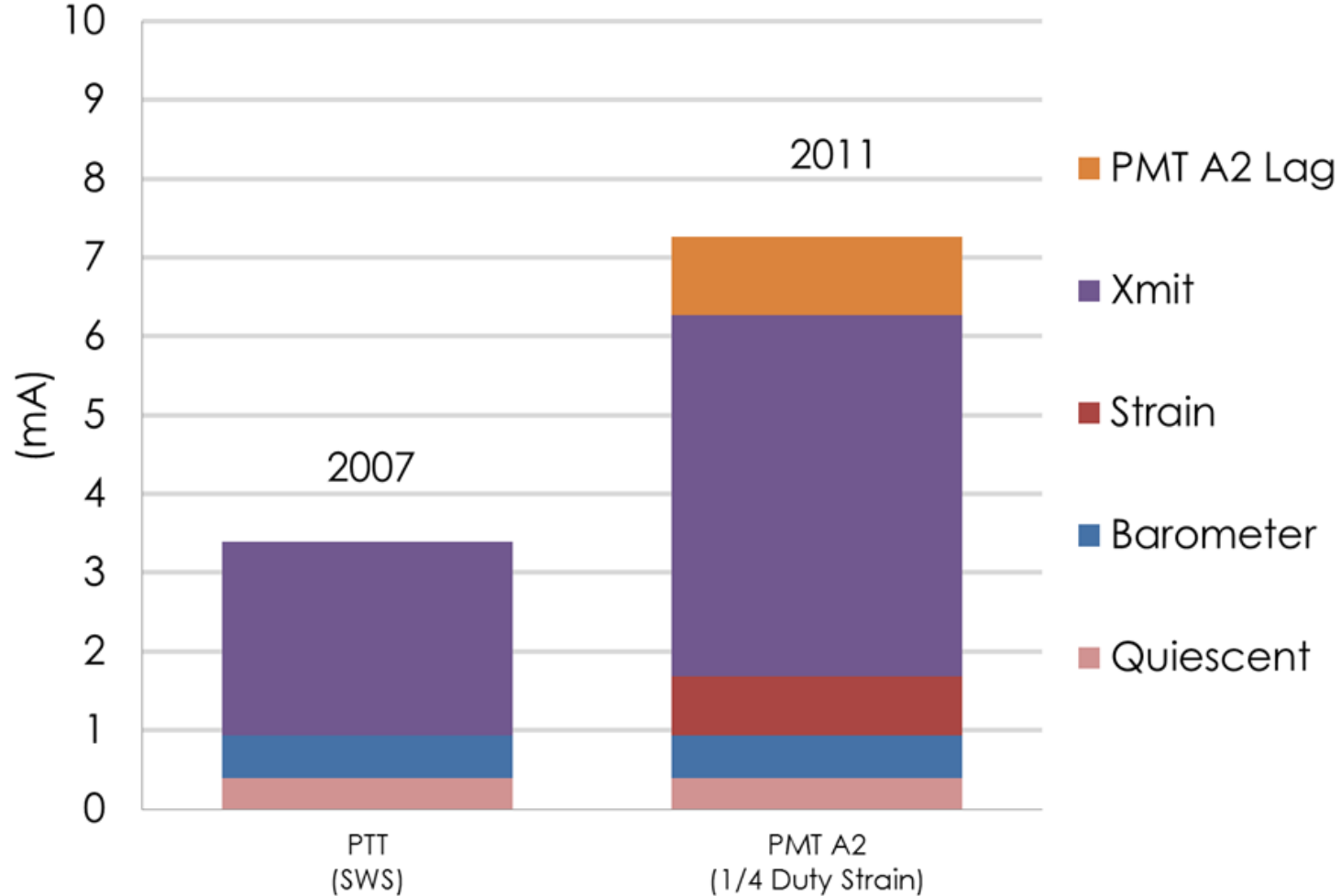


- ▶ Drogue Detection: Submergence -> Strain
- ▶ Transmitter/Transceiver: PTT -> PMT
- ▶ Satellite: Argos 2 => Argos2/3, Argos 3, & Iridium

CHANGES/MODIFICATIONS

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

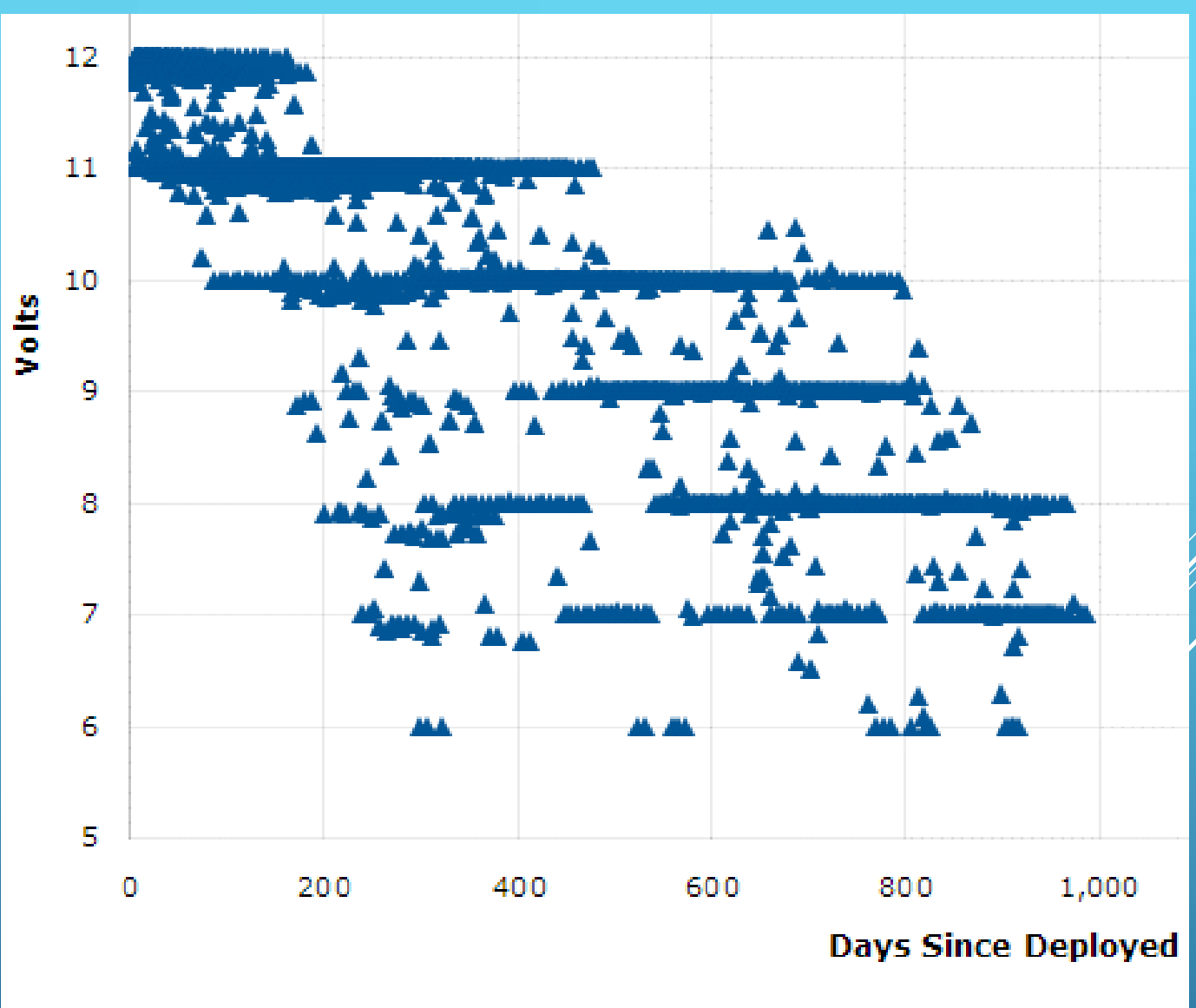
Average Current Argos SVPB



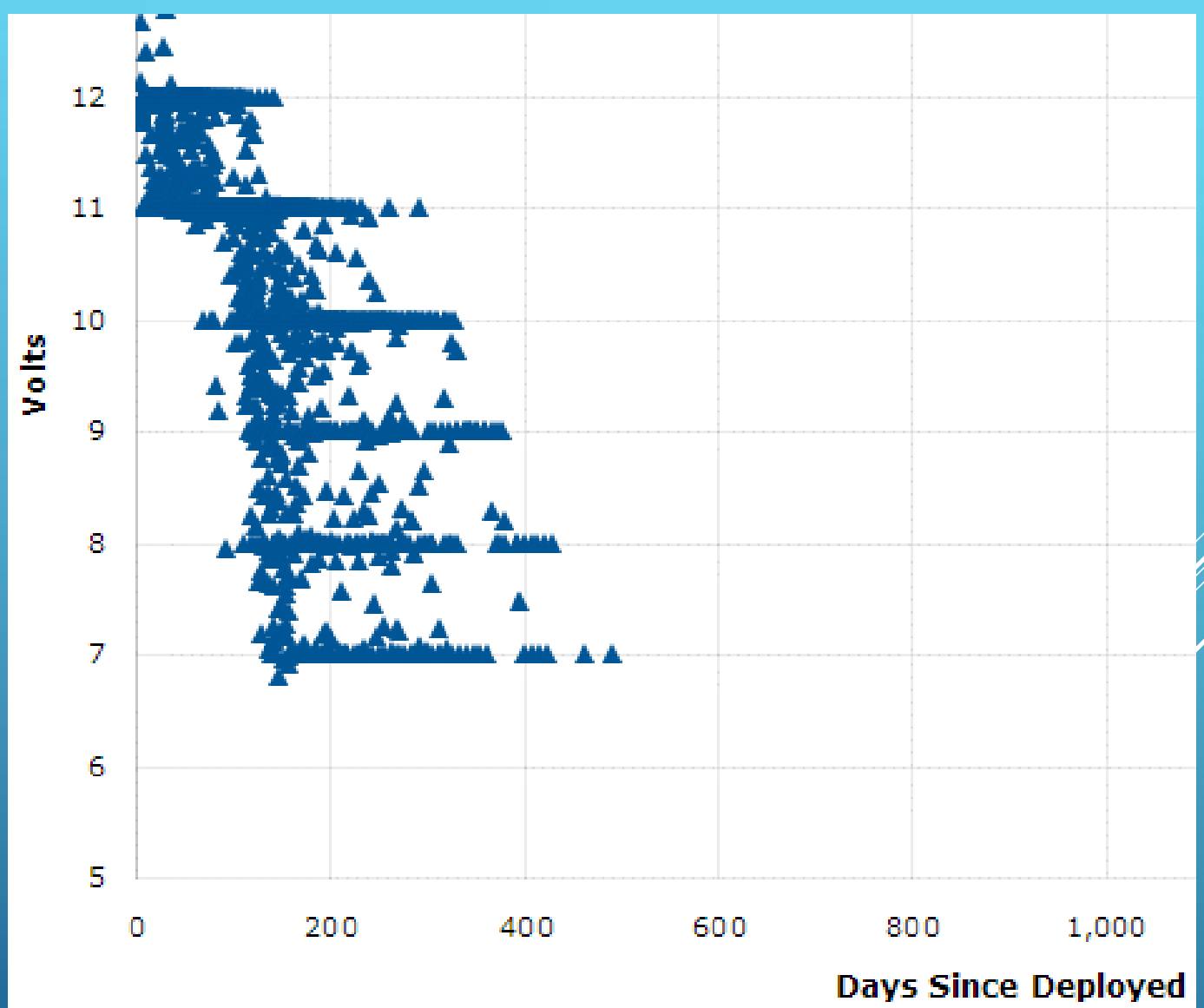
Voltage Plots

2007 A2 PTT

SVPB

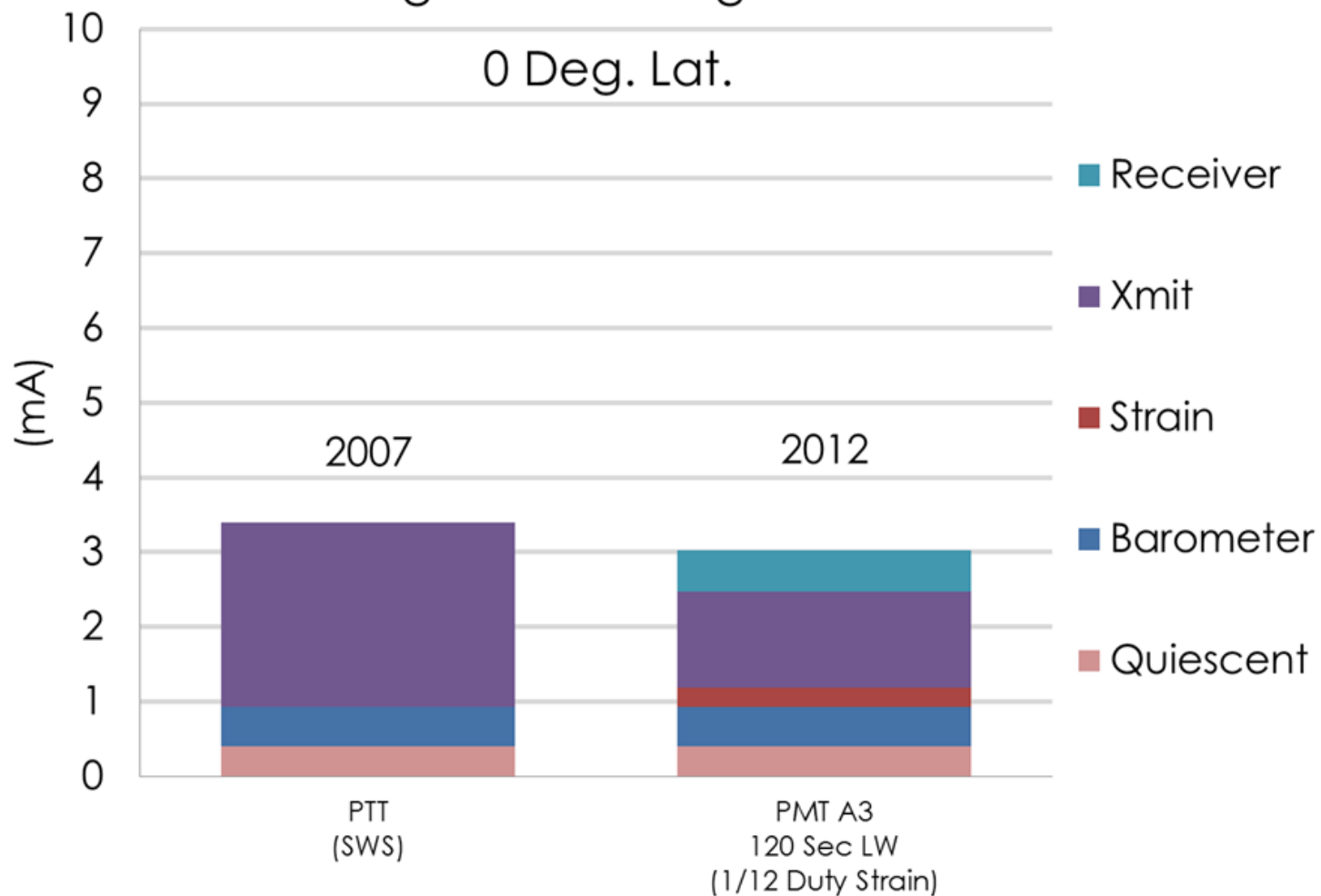


Voltage Plots 2011 A2 PMT SVPB

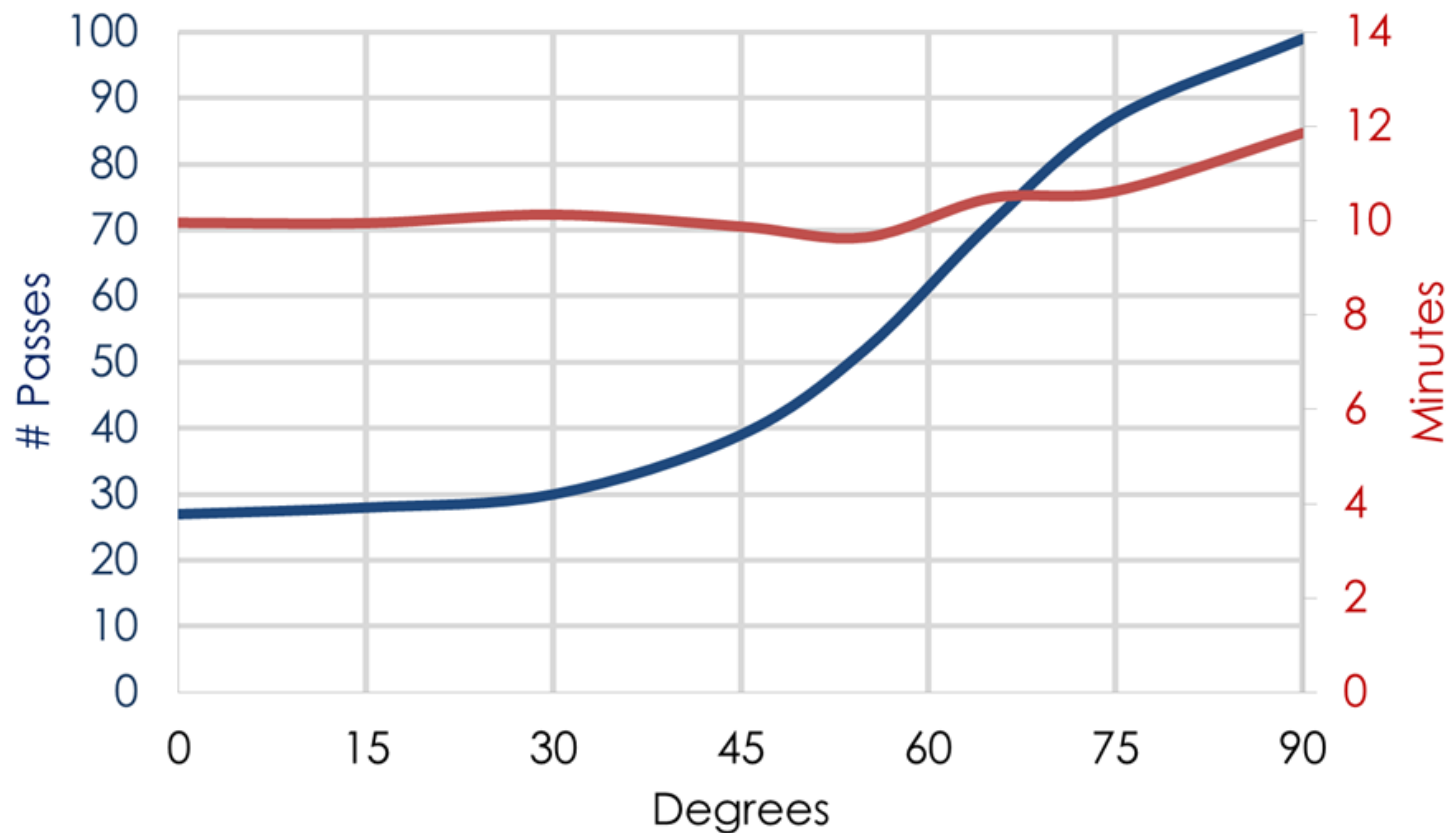


Average Current Argos SVPB

0 Deg. Lat.

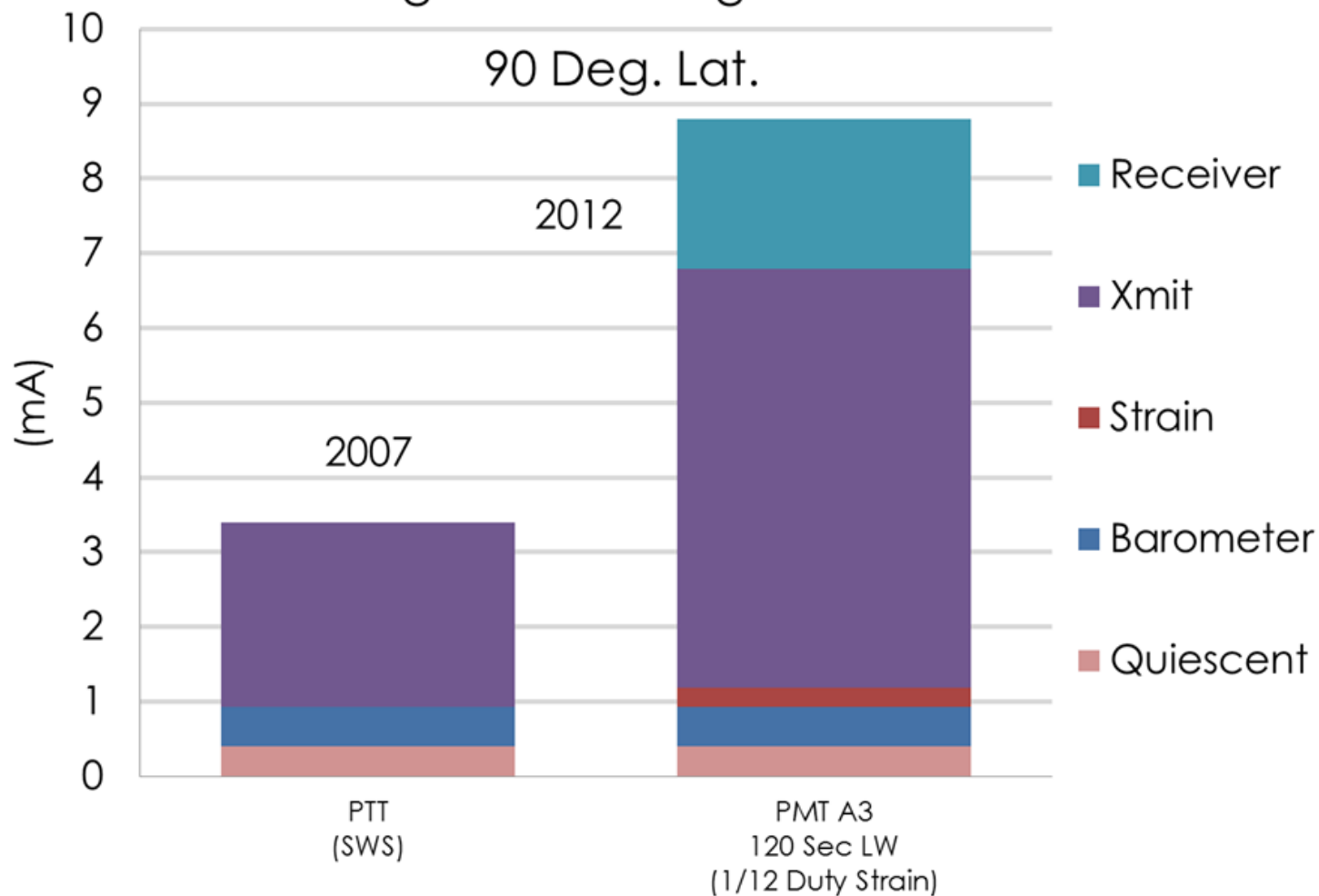


Number Passes and Duration (7 Satellites)



- Mean Number of Satellite Passes per Day
- AVG Pass Duration

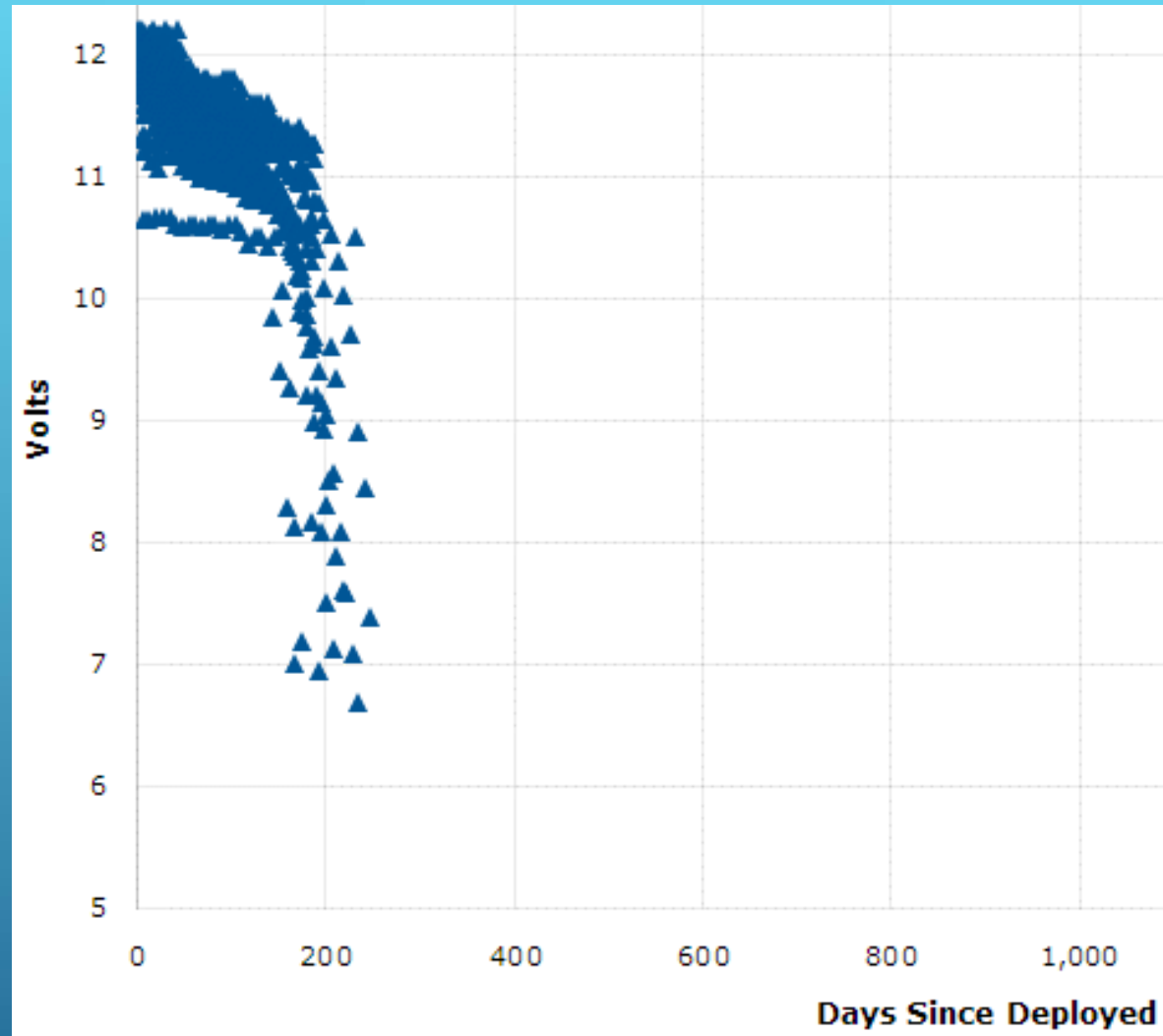
Average Current Argos SVPB



Voltage Plots

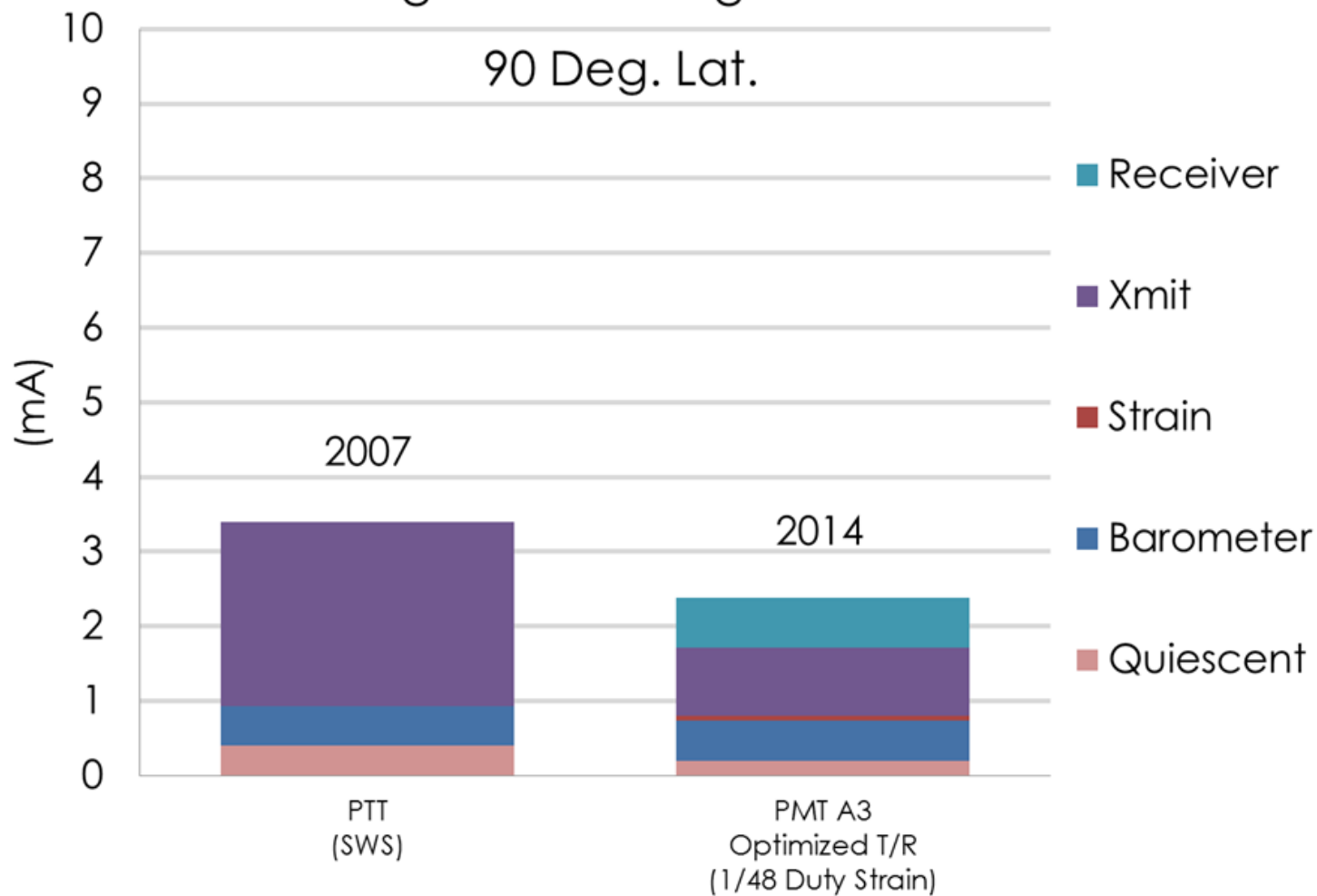
2012 A2/A3 PMT

SVPB



Average Current Argos SVPB

90 Deg. Lat.



- ▶ Harder to determine power consumption

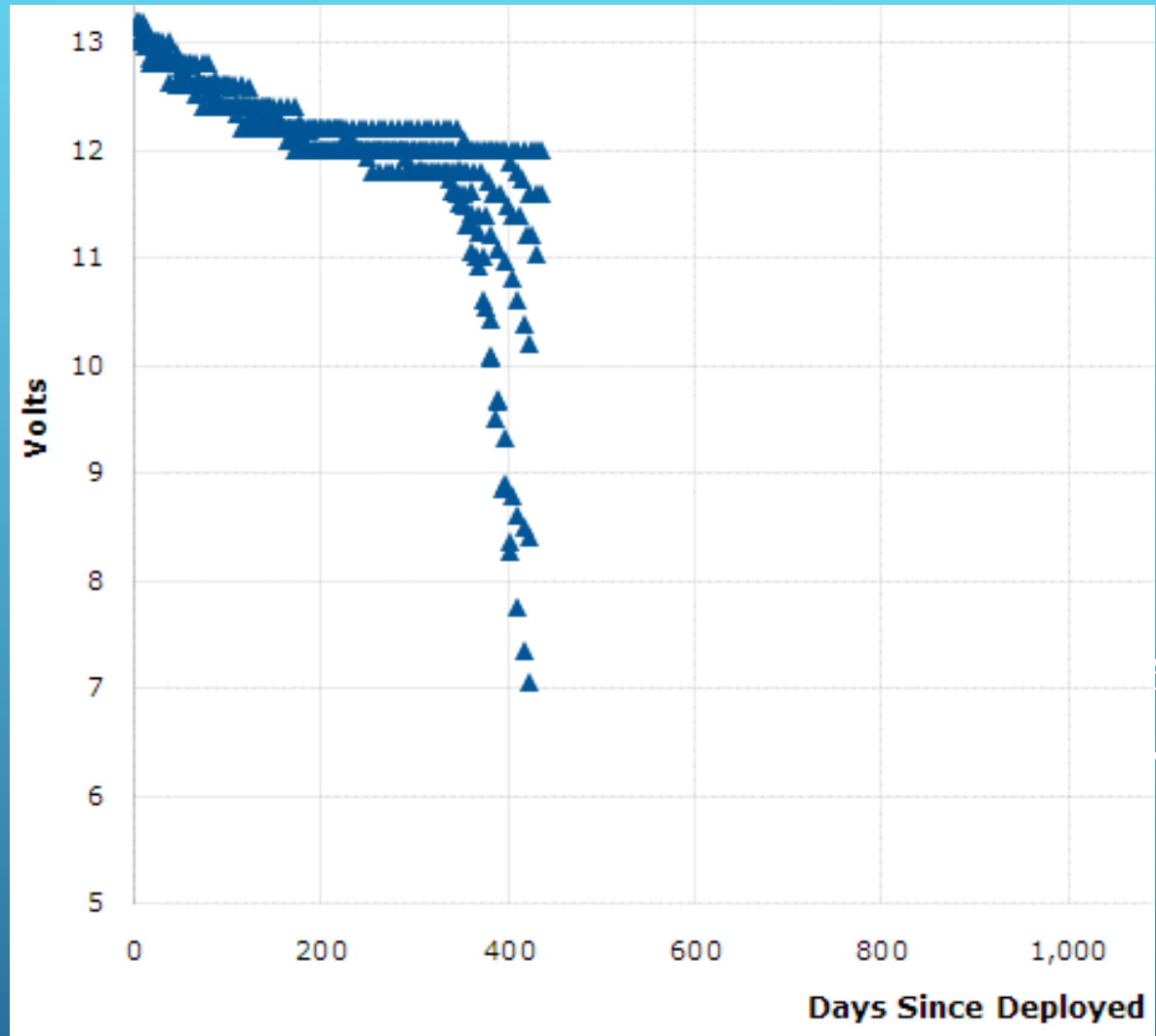
IRIDIUM



Voltage Plots

Iridium 2-Pack

SVPB



- ▶ Utilize PMT Cautiously
- ▶ Include Iridium as an Option
- ▶ Consider Increasing Power Reserve

TAKE AWAYS

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.