FirefOx Oxygen Fugacity Sensor

- Type of data collected: **Voltage**
- Transmission requirements: **1 Hz, 10 bits/s**
- Pressure vessel penetration: **2-4 wires/sensor**
- Exterior hardware: “**Button**” sensor
- Interior hardware: **Wire, single chip electronics**
- Mass est.: **0.1-0.2 Kg max**
- Data handling: **Shared. Voltage = data.**

**Science Question:** What is the stable mineralogy and gas chemistry at the Venus surface-atmosphere interface?

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