Name ………………………………..

**Check out the float!**

Use Greta’s Blog <http://soccomatsea.blogspot.com/> to answer the following

What is SOCCOM?

What is unique about the southern ocean?

What are some of the problems with studying the southern ocean?

**The Float**

|  |  |
| --- | --- |
| Part | What does it do? |
| Iridium Antenna |  |
| Oxygen sensor |  |
| pH Sensor (FET) |  |
| Salinity Sensor |  |
| Thermistor |  |
| Pressure Sensor |  |
| Chlorophyll sensor |  |
| CTD |  |

But wait, no **carbon sensor**? Isn’t the purpose of this project to measure carbon in the Southern Ocean? How are the scientists measuring the carbon in the ocean?

How does the float control its depth?

How long is the lifetime of a float?

What happens when it runs out of power?