

# MEDUSA Data Status Report

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# MEDUSA

AO2



Dried Flasks (-> 32/RF)

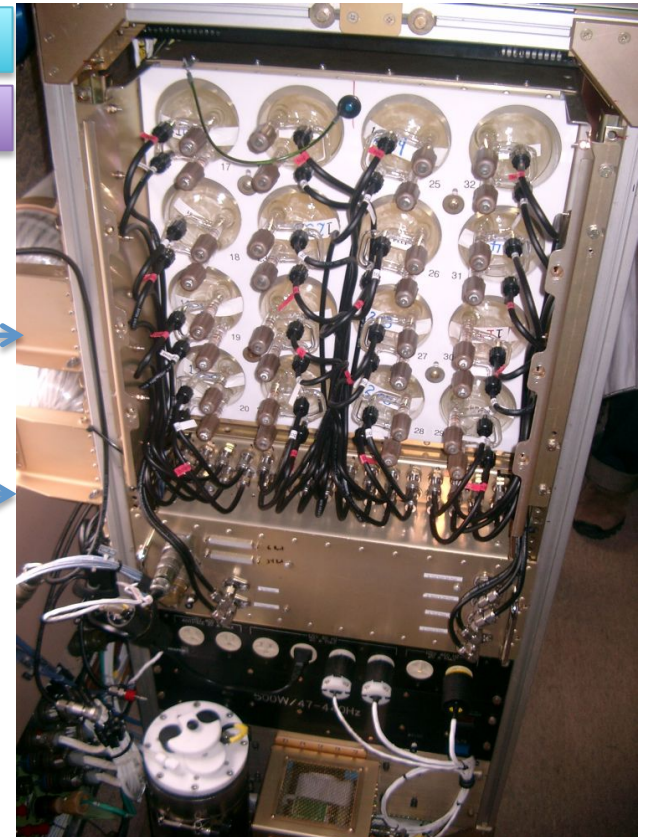
Mass Spec x3, LiCor

$\text{CO}_2$   
 $\text{O}_2/\text{N}_2$

$\text{Ar}/\text{N}_2$   
 $\text{C}^{13}\text{O}_2$   
 $\text{C}^{14}\text{O}_2$   
 $\text{CO}^{18}_2$

Vacuum UV, LiCor

In Situ: 1+ Hz



MEDUSA

# Analysis Progress

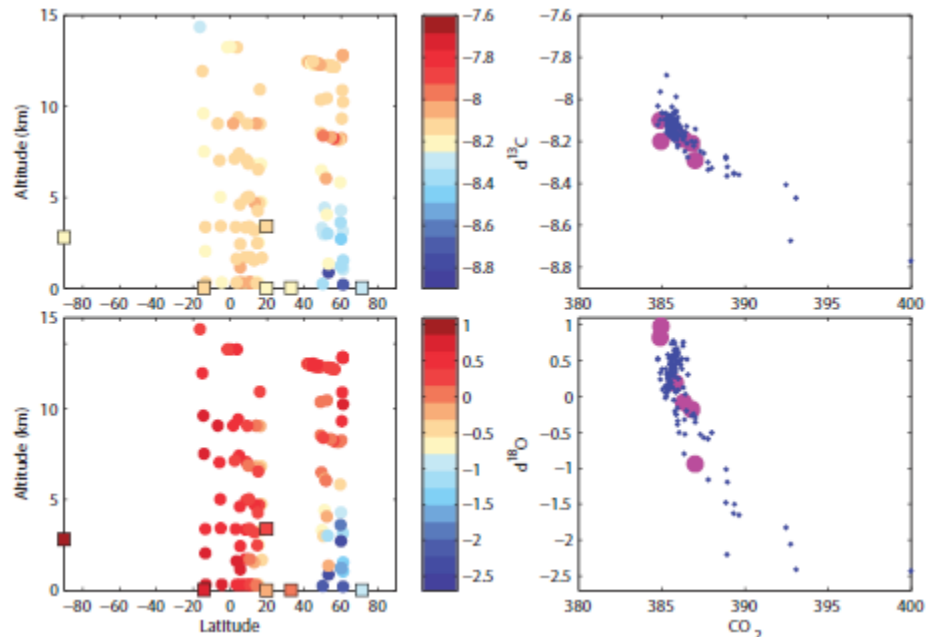
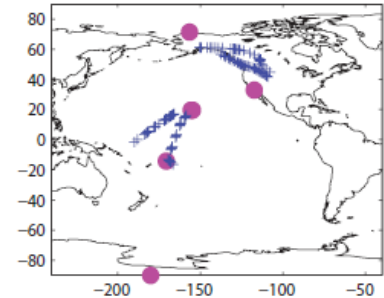
Mission	CO <sub>2</sub> , O <sub>2</sub> , Ar Analyzed, on server	Isotopes Analyzed	<sup>14</sup> C Run
HIPPO1	All	All	None
HIPPO2	All	RF01,4,8,11	None
HIPPO3	All	RF01,4,5,8,11	None
HIPPO4	All	RF02	None
HIPPO4	RF01-09, 11-14	None	None

# Stable isotope analysis of CO<sub>2</sub> at SIO

CO<sub>2</sub> is being frozen back and stored

We will be writing a proposal to conduct  $\Delta^{14}\text{C}$  analyses on the stored CO<sub>2</sub> – please contact Heather Graven ([hgraven@ucsd.edu](mailto:hgraven@ucsd.edu)) if you are interested in  $\Delta^{14}\text{C}$  data from HIPPO

Data from HIPPO2 plotted with data from SIO flask sites



# Data Presentation/Management

- CLIVAR Southern Ocean Panel 2011 (talk)
- AGU 2011 Fall Meeting (talk)
- Ocean Sciences 2012 (poster, talks)
- Meridional Integral Paper (in progress)