

# Welcome to ***PolarConnect***

With Juan Botella and the  
Seawater Property Changes in the  
Southern Ocean

**Thursday 31 March 2011**

11:30 am AKST

(12:30 pm PST, 1:30 pm MST, 2:30 pm CST, 3:30 pm EST)



# WELCOME TO WIMBA



**ARCTIC RESEARCH CONSORTIUM OF THE UNITED STATES**

Raise your hand to ask a question

List of all participants


Return to the lobby or exit

Slides will be shown here

If using VOIP, press and hold here to talk

Your connection strength

'Chat' with one person or the entire group



TALK

Options

You have entered the lobby.

You have entered 'Arctic Research Consortium of the United States (ARCUS)'.

Your media format is WimbaMedia.

You say, "I'm going to change the slide momentarily to show the one I need for my new screen shot"

To: Main Room

People (3)

Kristin_Timm	⊖ ⊕
kristina_creek	⊖ ⊕
Kristin_Timm	⊖ ⊕

Exit - Lobby Help

**Please note:**

- Participant using the telephone can mute/unmute by pressing \*6 on the phone.
- Today's event will be recorded and archived.

# Roll Call

## **When called, please state your:**

- ✓ Name
- ✓ School / Institution
- ✓ The number of students and adults participating with you in the same location



# What is PolarTREC?

PolarTREC is a professional development experience in which K-12 teachers are paired with researchers for 2-6 week research experiences in the polar regions.

From 2010-2013, nearly 50 teachers from around the United States will join scientists in the Arctic and Antarctica to learn about science, the polar regions, and to share what they have learned with their students and communities.

# Questions

## **To Ask a Question:**

- ✓ Raise your hand with the “hand button”
- ✓ Type your question in the text chat box
- ✓ Speak loud and clear and directly into the phone to ask your question.

# A High School Teacher in Antarctica







McMurdo Station's airport



Monona Grove present in Antarctica

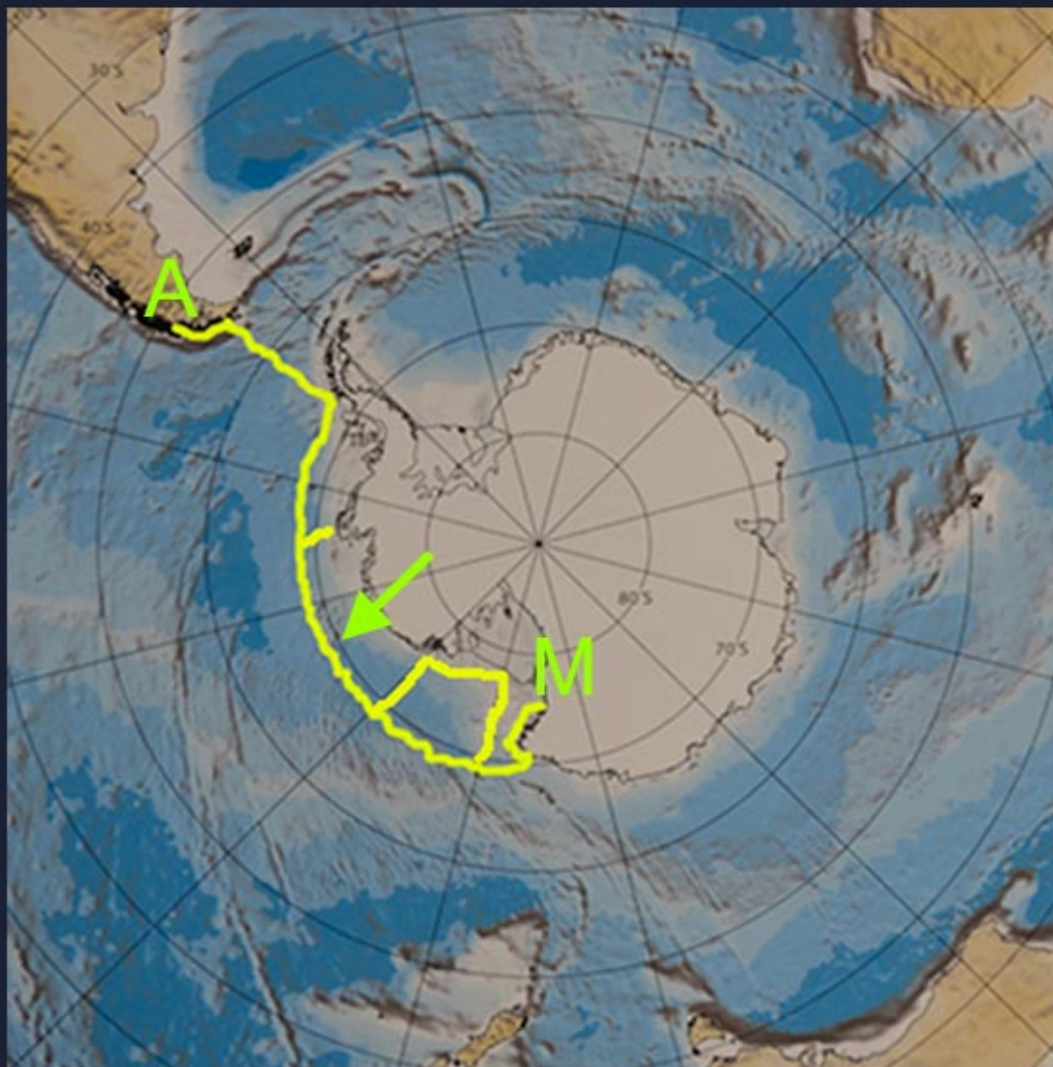




Research vessel and ice breaker N.B. Palmer



Steam ahead to solve the puzzle



Ship trajectory for 65 days at sea



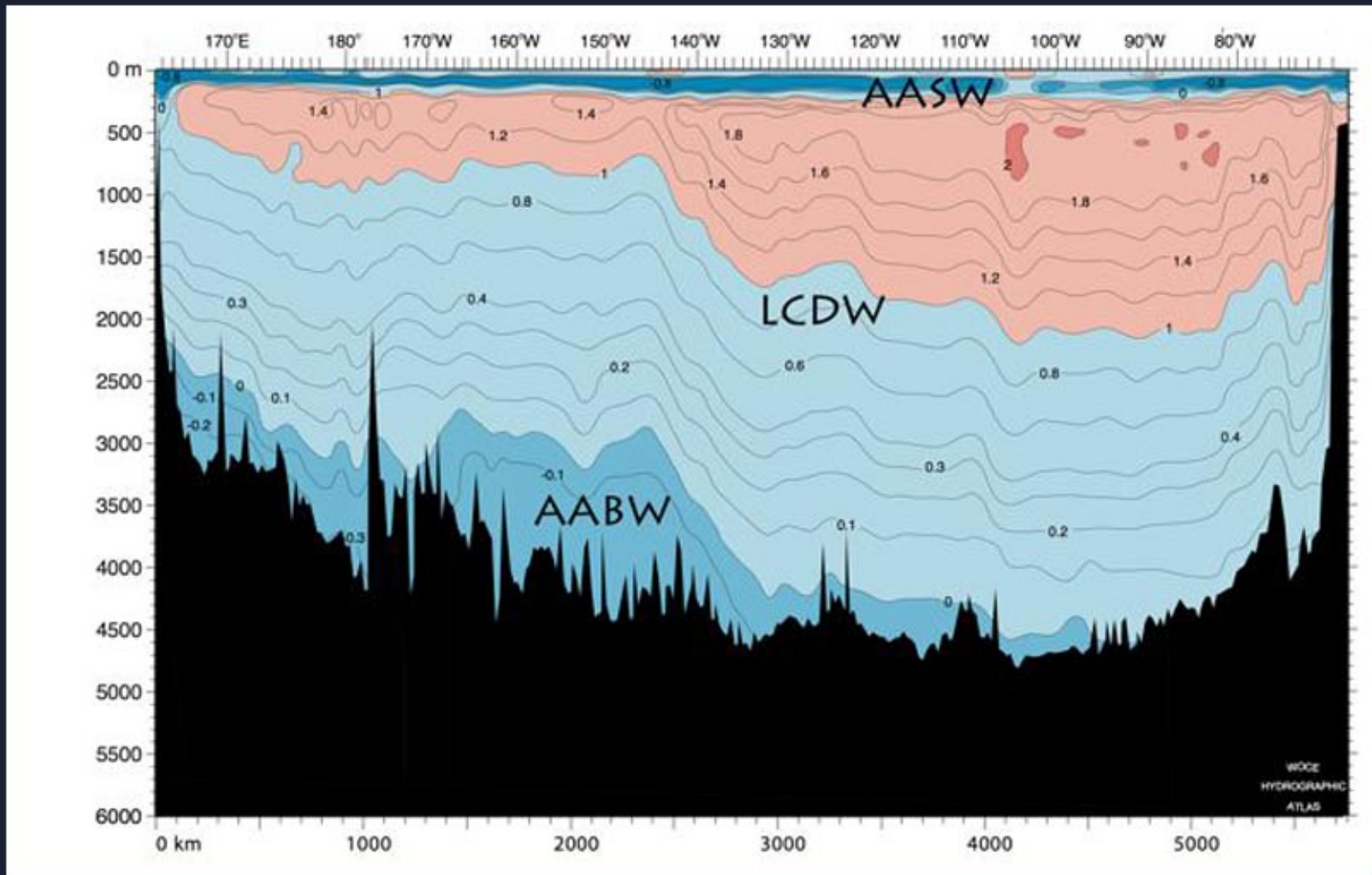


Vertical profile of a cake



Sampling stations on a cake





Vertical slice of the ocean showing the temperature distribution





I am holding a bottle for Carbon 14 while standing next to the rosette



Rosette deployment





Rosette leaving the ship towards the great depths



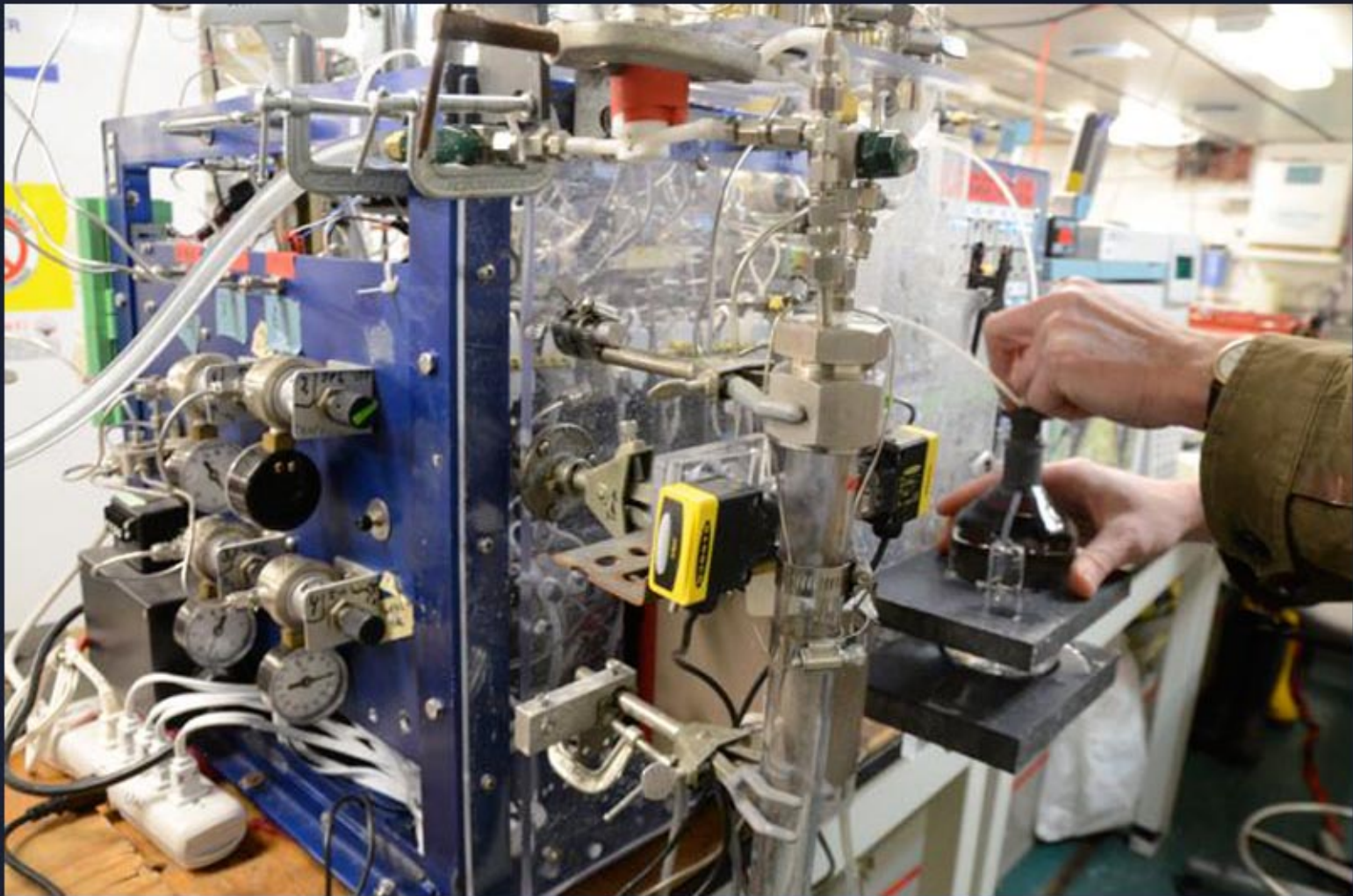


Sampling team at work



I am sampling for Carbn 14 from the rosette





Strange looking machine for analyzing CFCs





Antarctica's harsh environment for life



Pretty harsh even where  
there are no glaciers



Life in Antarctica revolves around the ocean





Antarctic Petrel



Skua



During an unusual cold but sunny day





A passing orca



Humpback whale



Humpback whales





Wedell seal



Leopard seal



Crabeater seals





Two Adélie penguins



Adélie penguins jumping into the water



Two Adélie penguins in McMurdo Station





Molting Adélie



An Emperor penguin on stage

Iceberg in blue







Iceberg at sunset



Perigee moon



Aurora australis over the Southern Corss constellation



Visit [Polartrec.com](http://Polartrec.com) to follow the expedition



# Upcoming Events

Watch for and register for upcoming events at [www.polartrec.com](http://www.polartrec.com)!

# Thank You!

*An archive of the event will be available shortly.*

<http://www.polar-trec.com/polar-connect/archive>

