

## **Argo Floats Video Questions**

**Wednesday 18 June**

### **1. Regular and Deep Argo Floats**

You are in a small storage room off the main working deck on the *RV Tangaroa*. Your expert today is Nathalie Zilberman from the Scripps Institute of Oceanography.

1. Why is Nathalie on this voyage?
2. What do Argo Floats measure?
3. Why can't we open the box and see an Argo Float?
4. Why were the Argo Floats shifted out on to the deck?

Next step learning: Write down three questions about ocean currents. Now try and find some answers to them.

### **2. The CTD**

Today there was a test of an important piece of equipment called a CTD. It took most of the day to prepare and was finally lifted off the deck and lowered by cable 2,000m into the ocean. You are with oceanographer Esmee van Wijk in a lab just off the *Tangaroa's* main deck.

1. Who does Esmee work for and where?
2. What does CTD stand for and what does it measure?
3. What two things can we learn from these measurements?
4. Whereabouts in the ocean is the salinity very stable (doesn't change much)?
5. What went wrong today?

Next step learning: Find out where the very deep oceans are. Where are the deepest parts near to New Zealand?