Show-n- “Stay Tuned”

Vessel Tracker
The Wish list...

• To be able to answer the question – “Where are the UNOLS ships now?” (in other words – the geographic location of each ship in near real time)

• A visual display of the world oceans with ship positions

• Automated feeds of lat and long data in a standard format
The Situation, Challenges…

- Many ships have Automatic Identification Systems (AIS):
  - But not the entire fleet?
  - Relies on VHS (but there is a satellite option)
- Ships collect GPS data, but how do we send the lat/long to the UNOLS Office without putting more work on the ship’s crew or technicians.
A Solution?

• Vessel Tracker – Smart box

Erin – not “Eric”
Vessel Tracker – One example

- SmartOne by Fleet Analytics
- Small and Portable
- No need for antennas or external power.
- Powered by 4 “off-the-shelf” AA 1.5V lithium batteries providing 3+ years of battery life
- Global Satellite operation
- Weather Resistant – Not Sure??
- Cost per unit – varies $130 to $215
Vessel Tracker

- Data - Maritime Information Services offers a service that will send the data back to shore automatically in a standard format
- Data Service – About $30/month
- No additional effort for ship operators in terms of providing the data to the Office
- Plans – Endeavor Trial