

Cordell Bank National Marine Sanctuaries  
Transcribed Video from Education Curriculum: CTD

Woman: This is an instrument that measures conductivity, temperature, and depth. It's also known as a CTD because of that. Also, on this cage is a fluorometer which will measure fluorescence. So what we'll get out of this is conductivity, which is a way to measure salinity, temperature, and then the depth of water. So every meter, every half a second it takes a measurement and then it will bin it into every meter. So you'll get depth profiles for all those and it will help you tell what water masses are there and what's exactly going on in the water column.