

## ANSWER

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### Round: 2A

1. Suppose that you are a wave energy project developer interested in better characterizing a particular site. Match the letter of the item to be researched with the piece of equipment that is best suited to collect that information. Each letter can be used only once. (2 pts each, 16 pts total)

*d* ADCP

a. Plankton Sample

*c* Hydrophone

b. Seabed Sediment Composition

*f* Sidescan Sonar

c. Acoustic Background Noise in Water

*g* Chain Dredge

d. Water Current Speeds

*b* Clamshell Bucket Grab

e. Water Salinity and Temperature

*h* Anemometer

f. Bathymetric Features

*e* CTD

g. Types of Benthic Organisms Present

*a* Bongo Net

h. Surface Wind Speeds

2. Which federal agency is responsible for licensing wave energy projects?

*Federal Energy Regulatory Commission OR FERC (2 pts)*

3. Which federal agency is responsible for providing leases for wave energy projects developed on the Outer Continental Shelf (OCS)?

*Bureau of Ocean Energy Management OR BOEM (2 pts)*