



# OOI TERMINOLOGY DECODER

- **Array**
  - One of 5 major research regions that make up OOI (e.g., Coastal Pioneer = CP)
- **Site**
  - Sequential numbering scheme specific to an array (e.g., Coastal Pioneer MAB = CP10 thru CP16)
- **Platform**
  - Assembly/infrastructure at a site that hosts a complement of integrated scientific instruments. May be fixed (mooring) or mobile (profilers or gliders) (e.g., Coastal Pioneer MAB Central Surface Mooring = CE10CNSM)
- **Node**
  - A section of a platform with one or more data loggers and power controllers. Instruments on platforms are plugged into nodes. (e.g., one of the data loggers on the Near Surface Instrument Frame (NSIF, 7 m), part of the mooring riser, of the Coastal Pioneer MAB Central Surface Mooring = CE10CNSM-RID26)
- **Instrument/Sensor**
  - Terms often used interchangeably. An instrument is a piece of equipment used to collect data. A sensor is a part of an instrument which measures a specific quantity. Each instrument is named according to the port on the logger it is connected to (e.g., the dissolved oxygen sensor on the NSIF of the Coastal Pioneer MAB Central Surface Mooring on port 3 = 03-DOSTAD000)
- **Reference Designator**
  - Identifies a specific instrument on a specific node/platform at a specific site
  - Example: **CP10CNSM-RID27-03-DOSTAD000** = Coastal Pioneer MAB Central Surface Mooring - Mooring Riser - Dissolved Oxygen Sensor
- **Data Delivery Method**
  - **telemetered**: Data returned wirelessly. May be truncated or decimated due to size.
  - **recovered\_host/recovered\_inst**: Data downloaded directly from either the platform computer and/or from the instrument after the system is recovered
  - **streamed**: Data accessible in real-time, streamed over the fiber optic network from Cabled Array and select Endurance platforms
- **Data Stream Name**
  - Data feed from a sensor that has been read, parsed, and separated based on content (e.g., “engineering”, “science”, “metadata”, etc.) into a named dataset, or “stream”. Stream names are often method specific
- **Parameters**
  - Also sometimes called data variables
  - A particular value returned from a sensor (e.g., practical salinity from a CTD). There are multiple parameters in a data stream, some of which may be identified as an OOI Data Product