

## CalWave's xNode - Features

### Mission-Specific Scientific Payload Compartment

- Enables observations above and below waterline

### Communications

- Satellite
- Cellular
- 4G

### Atmospheric Sensing

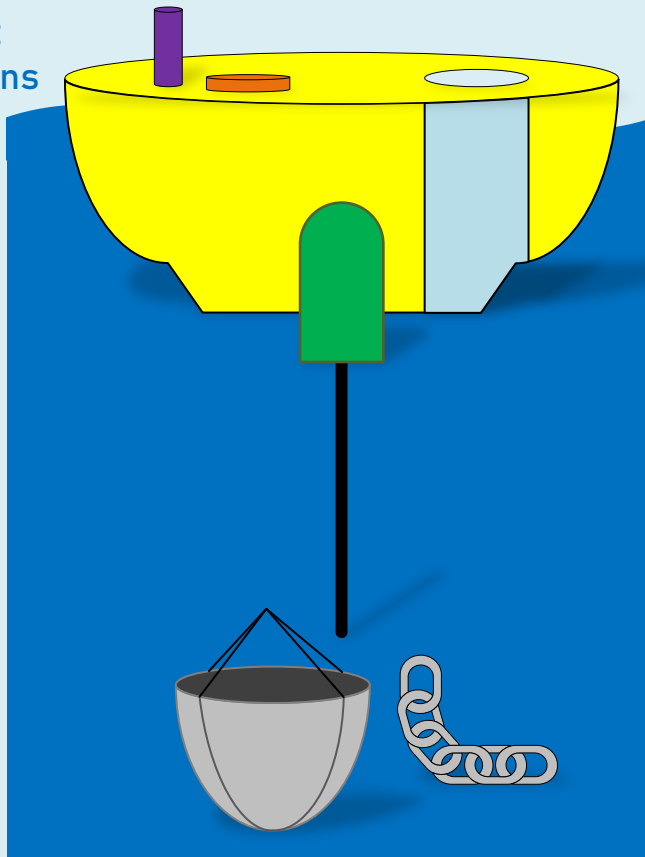
- Temperature
- Humidity
- Irradiance

### Unique Hull Construction

- Lightweight
- Resilient to storm loads

### Proven PTO

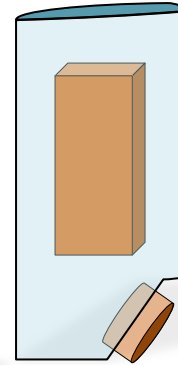
- Robust
- Efficient
- Economical



### Adaptable Mooring and Reaction Force Solution

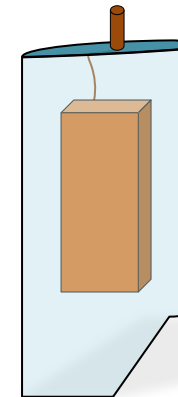
- Drogue for free drifting operation
- Standard anchor chain for long deployments

### Mission: Acoustic Fisheries Monitoring



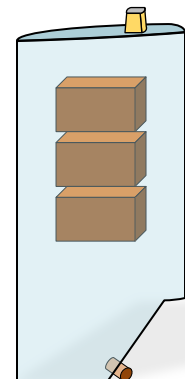
- Active and passive acoustics below the waterline can observe fisheries stocks, listen for marine mammal tags, and quantify ambient noise
- Additional onboard computer for real-time data processing, automated QC, and storage

### Mission: AUV/ROV Recharging



- Proprietary, isolated data recovery, processing, and transmission
- Additional onboard computer for real-time data processing, automated QC, and storage

### Mission: Hydrographic Survey Support



- Additional batteries for long survey missions
- ATON navigation light to mark survey areas
- SSP sensor for sonar survey QC