





**METOCEAN DATA QUALITY COMPARES FAVORABLY WITH NOAA SHIPS**

**Carbon: TRL 7**

- PMEL developed ASVCO<sub>2</sub> system measures pCO<sub>2</sub>, pH
- 1-hour values transmitted via Iridium in near real time
- Compares favorably with ship and mooring observation testing completed off California

**Ocean Current Profiling: TRL 5**

- 2017 ADCP Campaign Outside San Francisco Bay
- FedExing 702 Workhorse 300 kHz
- Dual GPS & Vectorstar IMU
- Compares favorably with mooring observation testing completed off California

**Oceanography: TRL 5-9**

- Measured 14 atmospheric and oceanic parameters
- 1-Hz sampling with 1-minute data
- Transmitted via Iridium in near real time
- Compares favorably with ship and mooring observations

PMEL NOAA



