

Powering the Blue Economy™

OCEAN OBSERVING PRIZE

ReVision

Description

Persistence is an at-sea power provisioning platform, consisting of an absorber buoy connected to a subsea anchor. The relative motion between the two bodies is converted into electricity to power propulsion, control and sensing subsystems.

Team

Mirko Previsic – Re Vision Consulting
Anantha Karthikeyan – Re Vision Consulting

Dry Weight 105 kg

Max Length 3.9m

Max Depth 40m

Number of System Bodies 2

Total Energy Storage Capacity 250Wh

Wave Energy Conversion Method Point Absorber

Average Recharge Power 40 Watts

