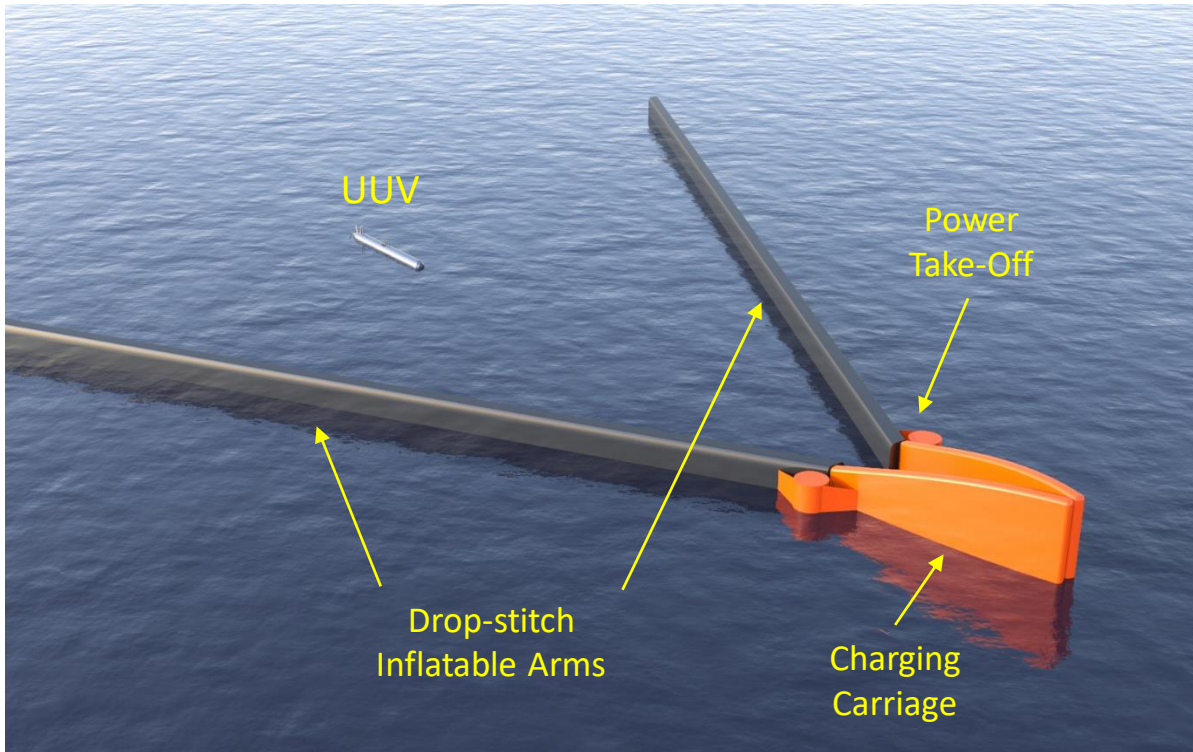


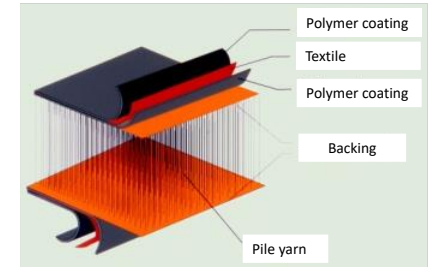
**Problem Statement:** There is no commercially available autonomous recharging station for unmanned underwater vehicles (UUVs).

**Solution:** Navatek proposes to integrate the rapidly installed breakwater (RIB) structure into an attenuating wave energy converter (WEC) that would generate power for UUV charging while simultaneously creating a sheltered area for improved surface docking.



## Drop-Stitch Inflatables

- Vertical fibers of uniform length connect upper and lower faces
- Faces are covered in polymer-coated fabric to form air-tight cavity
- Panels can be inflated to 10 psi or higher to form stiff panels



## Rapidly Installed Breakwater



## WEC Attenuator

