ROVER AVPRO™ AUTONOMOUS CLEANUP VESSEL

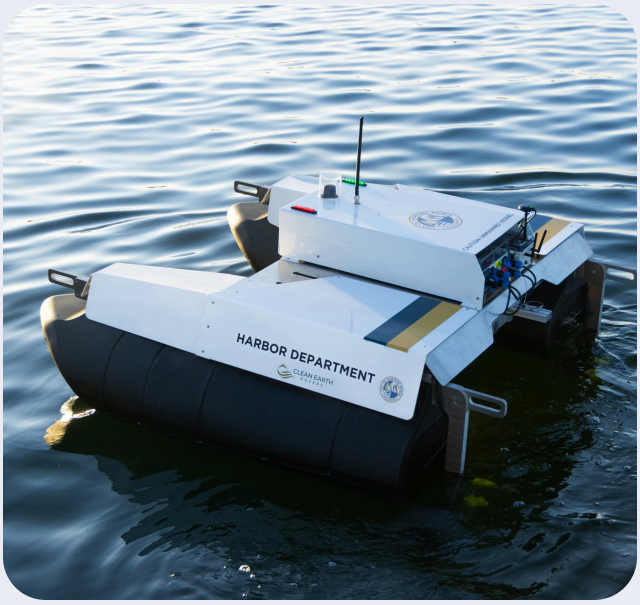
Cleanup, without the risk.

An electric vessel that skims oil, bags debris, cuts weeds and treats algae. It launches from a utility trailer, reaches the slips and corners crew boats can't, and keeps your team on the dock.

01 **One vessel, six jobs**
Swap the attachment and change the job: debris, oil, weeds, algae, heavy material or survey work.

02 **Safer and cleaner**
No one in waders or a skiff over oil, mud, bacteria or toxic algae. Fully electric, with zero emissions on the water.

03 **Pays for itself**
Up to 15 tons of debris a year and up to $15K a year saved in labor. Available as a service in some regions.



DEPLOYMENT

Trailer to water in ten minutes.

No crew boat.

Drive in
Fits 4x8 utility trailer

Roll down
On its own amphibious wheels

Run it
Autonomous or remote

WORKING WITH

THE PORT OF LOS ANGELES · CITY OF NEWPORT BEACH CALIFORNIA · HUNTINGTON BEACH

BUILT FOR WORKING WATER

Reaches what boats can't

Dock slips, corners and the gaps between docks, where debris gathers and crews can't reach.

Consistent, every run

Save your frequent cleaning routes and run them each time, instead of whatever a crew has time for.

Proves it worked

Paired with DataPods, the next readings show the effect of every cleanup.

CHALLENGES

Debris collects where land crews can't reach. Boats are costly to staff, and people end up working over contaminated water.

SOLUTIONS

A small electric vessel with swappable attachments, run autonomously or by remote from the dock.

BENEFITS

Cleaner water and fewer complaints, with lower labor costs and no one exposed to the hazard.

VESSEL SPECIFICATIONS

Type	Electric surface vessel; fully autonomous or remote-controlled
Weight	500 lb
Transport	Utility trailer; amphibious wheels for ramps and beaches
Deployment	10 minutes or less, beach or ramp to water
Battery life	20 hours
Charging	Standard wall outlet
Operating speed	5 mph
Coverage	Cleans 5 acres per hour
Debris capacity	150 lb per bag; emptied in 2 minutes
Annual debris	Up to 15 tons a year
Control	Cloud-connected; GPS autonomous routes or remote control
Emissions	0, battery powered
Time in water	Can stay in between jobs, including freezing weather
Site requirements	Network access for a cell-based connection. Heavy structures and radio interference can affect GPS heading, so every site is assessed before deployment.
Delivery	Designated or partial truck load
Support	Troubleshooting and replacement parts
Ownership	Rover as a Service, lease or purchase

ATTACHMENT LIST

Standard (always included)

- [x] **Debris bag** · reusable 5 mm mesh, 150 lb a load

Collects floating trash, algae and biomass. Add sorbent pillows and it picks up oil too. Lasts up to 6 months of regular use.

Add-on attachments

- [ ] **Oil skimmer** · 2 gal/min mini · 20 gal/min mega
- [ ] **Vegetation cutter** · cuts to 5 ft below the surface
- [ ] **Herbicide sprayer** · 50 gal tank, for blooms and invasives
- [ ] **Debris plow** · 15 ft, moves sargassum and dead fish
- [ ] **Survey sensors** · bathymetry

CONFIGURE YOUR ROVER

1. **Start with debris collection**
   Every Rover ships with the bag, which handles most harbor and marina cleanup.
2. **Add the jobs you need**
   A skimmer for spills, the cutter for weeds, the sprayer for blooms, or the plow for heavy material.
3. **Choose your purchasing option**
   Rover as a Service, a lease, or a capex purchase.

Need a tool that isn't listed?

Tell us the job. The hull takes custom attachments and instruments, and some monitoring jobs suit a DataPod™ instead.

513-202-3355



PART OF THE LOOP

Monitor, forecast, flag, clean.

DataPods watch the water and DataHub flags the problem. The Rover is the part that goes and handles it.

01 Monitor › 02 Forecast › 03 Flag › 04 **Clean**

ATTACHMENT SETUPS

Matched to the job.

The same vessel covers very different jobs. These are the setups customers start with most often.

WHERE IT'S USED

Marinas and harbors

DEBRIS BAG

Trash and algae in slips, corners and the gaps between docks, cleared on a regular schedule.

Oil and fuel spills

OIL SKIMMER + SORBENT PILLOWS

Small and medium spills at fuel docks and working berths, with no crew on the water.

Weeds and invasive plants

VEGETATION CUTTER + DEBRIS BAG

Cut overgrown aquatic plants, then collect the cuttings on a second pass.

Blooms, sargassum and fish kills

HERBICIDE SPRAYER OR DEBRIS PLOW

Treat algae from the water, or push heavy material to shore for removal.

IN USE · CITY OF HUNTINGTON BEACH

It's been really successful for us, especially in accessing areas that you simply wouldn't be able to reach from the land side.

Rover as a Service in Huntington Harbour: we run the Rover and collect the debris, with no new tasks for city staff.

GET STARTED

See it on your water.

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CLEAN EARTH ROVERS