

# EdgeTech On-demand Fishing Gear

---

Step by Step Guide 2024

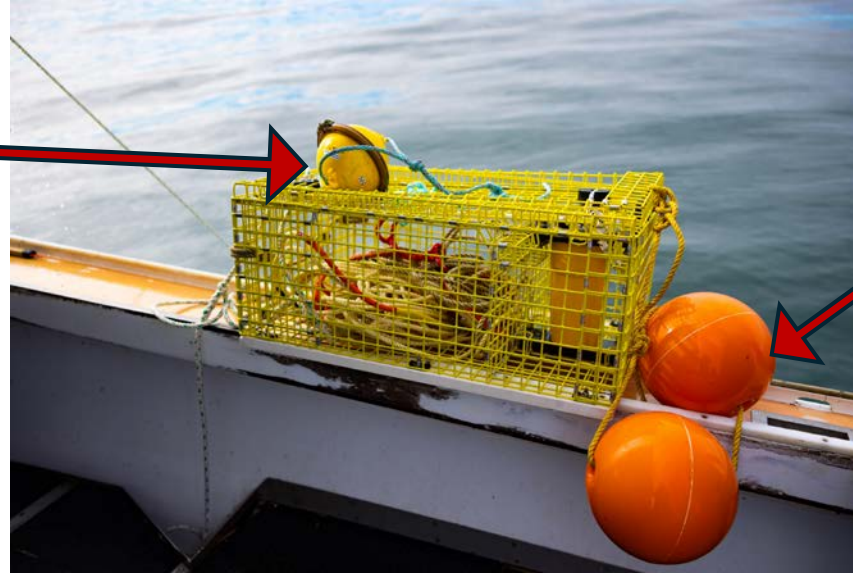
Also see video instructions  
at [www.neaq.org/ropeless](http://www.neaq.org/ropeless) \*

*\*References to specific on-demand gear companies do not constitute endorsement, promotion, or recommendation of. We will be adding additional company-specific instructional information as it becomes available.*



# EdgeTech: Unit Components, 1 of 2

**Smart buoy** – attached to lid, lets you know if your gear has surfaced and tells you where it is (only transmits at surface)



**Orange buoys** – connected to lid. When lid pops up, buoys float lid to surface.

## **Lid of unit** –

Attached to the rest of the unit with rope. Pops up when “hockey puck” screws off and floats to the surface via the orange buoys. Lid is hauled onto the vessel first.

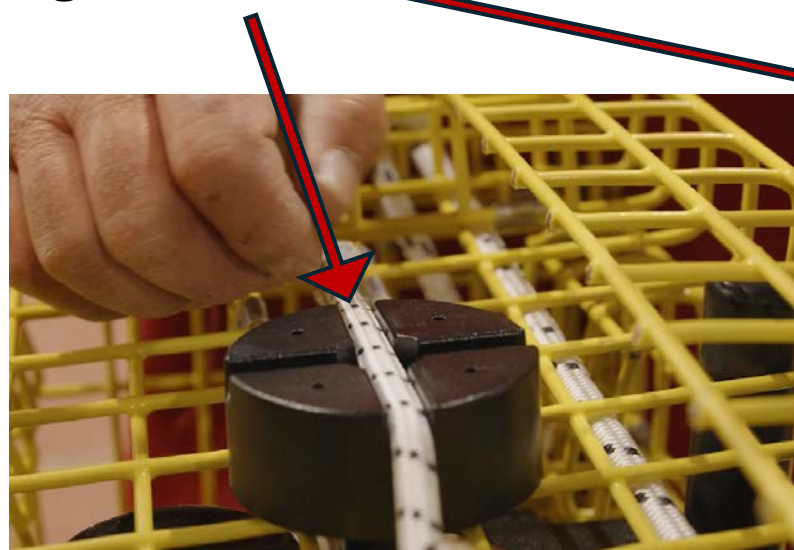
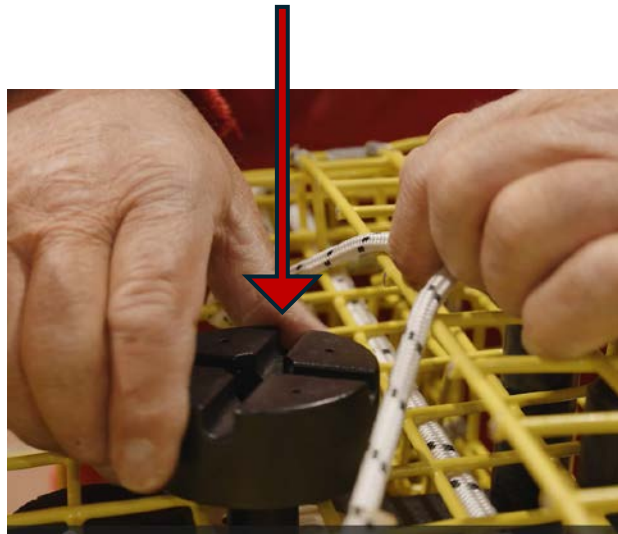


**Cage** – rope that connects lid to rest of unit is packed in here, as are the mechanical components

# EdgeTech: Unit Components, 2 of 2

**Turning mechanism** – yellow cylinder rotates when acoustic signal is received to unthread “hockey puck”

“**Hockey puck**” – keeps lid on unit and unscrews to pop lid up. Held onto lid with the white bungee cord.



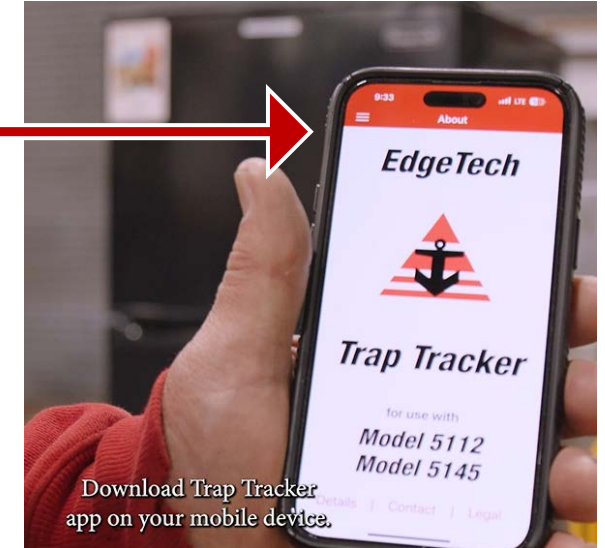
# EdgeTech: Accessories

**Transducer\*** – deployed off the side of the vessel and communicates via an acoustic signal with the unit on the seafloor



**Deck box** – allows for communication between transducer and mobile app

**Trap Tracker mobile app**– interface for plotting gear location and initiating acoustic release of gear



\* Transducer shown here is a “dunk” transducer, but there are also “through hull” transducers that are mounted right on the hull of the vessel.

# EdgeTech: Pre-trip Preparations, Steps 1-2 of 4

1) Download Trap Tracker app on your mobile device.

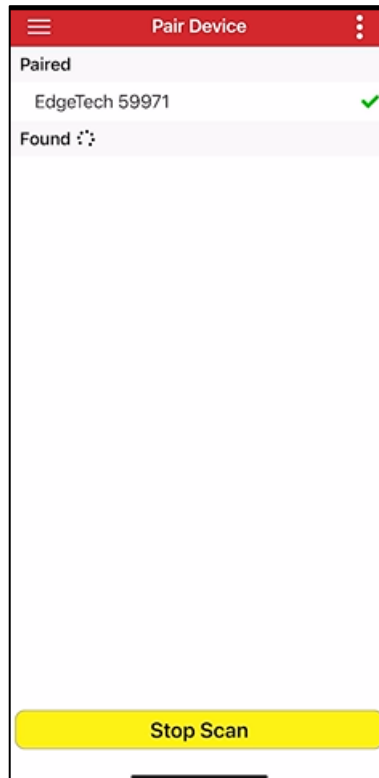


2) Turn on your yellow deck box. It will beep to let you know it's working.



# EdgeTech: Pre-trip Preparations, Steps 3-4 of 4

**3) Open Trap Tracker app on your mobile device and pair app with serial number on the yellow deck box.**



**4) Ensure the transducer is stored somewhere on the vessel it won't fall and break.**



Ready to start fishing!

# EdgeTech: Setting Gear, Steps 1-5 of 8

1) Make sure all the rope is in the cage area, lightly packed.\* Ensure the correct size/type of rope is used.

2) Put the lid on, and make sure the bungee cord is not over the lid, otherwise, it will not be able to pop up and the gear will have to be grappled.



3) Screw the black release cap (what we call the “hockey puck”) on to the top of the yellow cylinder.

4) Make sure there are orange buoys attached to the lid of the unit, otherwise there will not be enough buoyancy for the lid to float to the surface.

5) Attach the unit to either end of the trawl or to a single pot/trap.

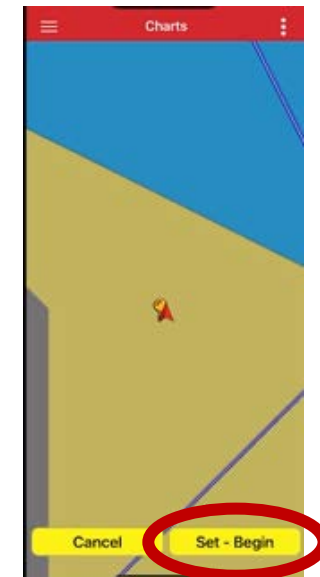
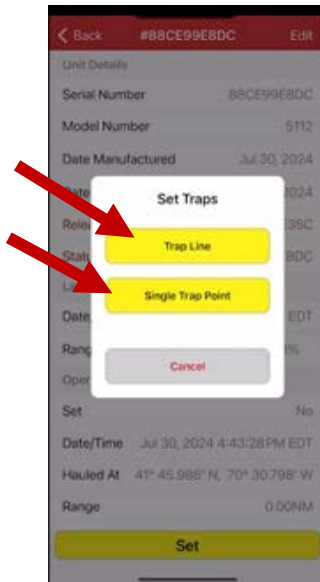
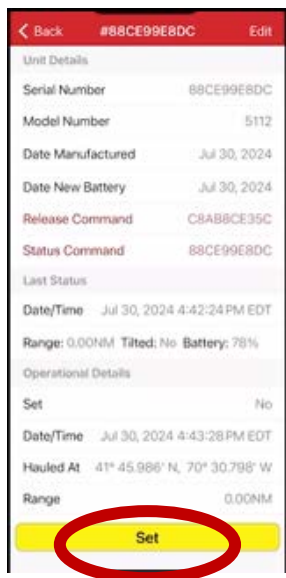
\*If packed too tightly, the rope will snarl, and the buoy will not surface.

# EdgeTech: Setting Gear, Step 6 of 8

6) Open the app on your mobile device. Hit “set” and choose “trap line” for trawl or “single trap” for single pot/trap.

The screen will show you where the other gear in the area is, so make sure you’re not setting on top of someone else’s gear,

and then hit “set begin” when you’re ready to deploy.





# EdgeTech: Setting Gear, Steps 7-8 of 8

7) Set as usual.



8) Don't forget to hit "update" on the app when you're done setting the gear and when you get back into cell phone range – this will allow others to see where your traps are set to ensure they don't set on top of your gear.



# EdgeTech: Hauling Gear, Step 1 of 6

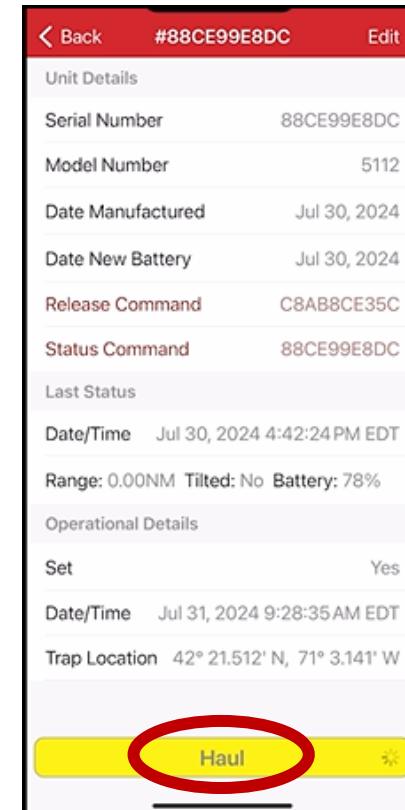
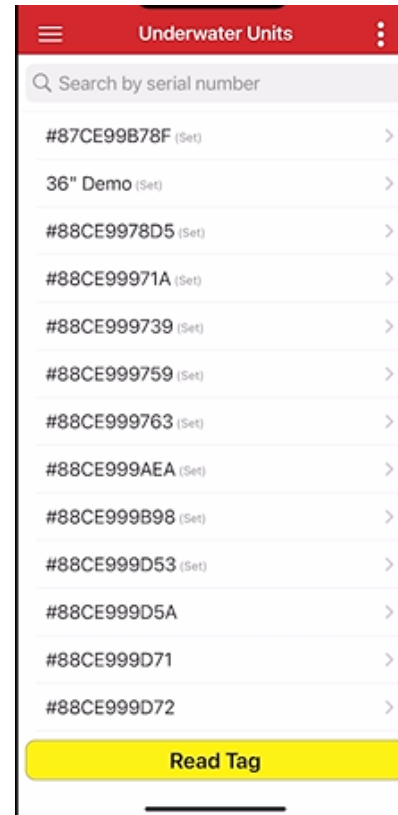
**1) Plug the transducer in to deck box. Place the transducer carefully on the deck and not somewhere from where it can fall.**

**\*Dropping the dunk transducer and knocking it around can make the screws fall off, causing it not to work. If this happens, remove the cover and try again, or replace the screws.**



# EdgeTech: Hauling Gear, Step 2 of 6

**2) Open the Trap Tracker app on your mobile device. There are serial numbers associated with each unit. Look in “underwater units” and choose the serial number for the unit you want to haul, and then click “haul” and then “yes”.**



# EdgeTech: Hauling Gear, Steps 3-4 of 6

**3) Wait for the signal from the transducer. When it picks up where the trap is located, the deckbox will beep. This usually takes 20 to 30 seconds. After you hear the signal, wait for the trap to come to the surface.**



**4) When the orange buoys hit the surface, approach them, retrieve the lid onto the vessel, and haul in the rest of the unit and traps.**

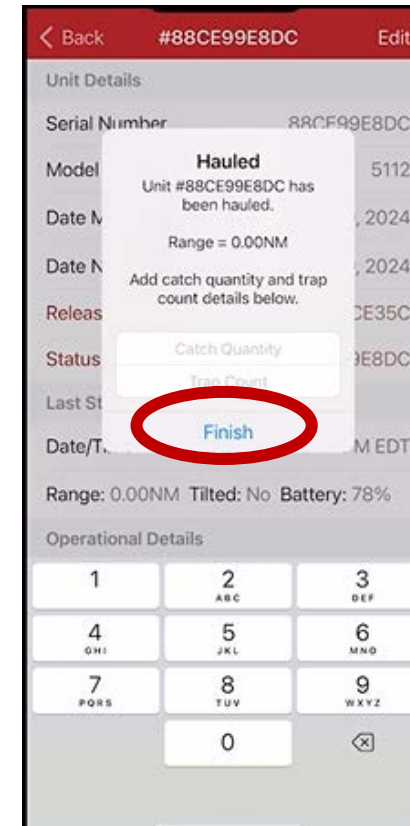


# EdgeTech: Hauling Gear, Steps 5-6 of 6

5) As you're hauling the unit in, you can drop the rope attached to the lid into a basket to make it easier to dump back into the cage before setting again.



6) Once you're done hauling, hit "finish" on the app and go back to step 1 in "Setting gear".



That's it!