INTRODUCING
NEPTUNE DUNGIE TRIGGERS
CATCHING CRAB.... A NEW FASHIONED WAY

Over the past 20+ years, Neptune Marine Products has been selling our Neptune Triggers to a worldwide market where they're used in fish, crab and lobster fisheries. In the late 1980's Neptune Cod Triggers were instrumental in the development of the cod pot fishery in the Bering Sea and Gulf of Alaska. Our Triggers were also quickly adopted by the entire fleet fishing deep water Brown King Crab in the Aleutian Islands. Our Neptune Cod and Crab triggers are still the standard in these fisheries after 20+ years.

Over the past couple of years, we've focused on creating a trigger suitable for Dungeness crab. After a bit of trial and error, we've come up with 2 trigger designs we're comfortable selling. Neptune Dungie Triggers can be used in new or in existing pots. Ideally, they're mounted between the pot's vertical uprights commonly used to attach the conventional ramp and trigger. This allows the trigger to be firmly attached to the vertical uprights with plastic ties. There are many benefits to our triggers for both the commercial and recreational fisherman. Benefits are particularly evident in the ocean fisheries where currents, tides and storms often allow crab to escape through the standard triggers.

NEPTUNE DUNGIE TRIGGERS OFFER MANY BENEFITS

* Neptune Triggers will continue to fish, and hold crab, in high current areas. In areas with strong currents or tidal action, the conventional SS triggers will open at times. This provides escape opportunities for crab. Not the case with Neptune Dungie Triggers. A Neptune rigged pot will continue to fish and hold crab even if it gets flipped upside down!

* Neptune Triggers work even if the pot lands at an angle. If a pot with conventional triggers lands at an angle, one of its triggers is usually slightly open, allowing crab to escape. Not the case with Neptune Dungie Triggers.

* Easy access when unloading the pot. With no internal wires, mesh ramps, or conventional triggers, it’s easier to get the crab out of the pot. This allows for a quicker gear turnover meaning more pots pulled per day.

* With Neptune Triggers mounted directly on the pot’s perimeter, there’s no need for the SS knitted ramp or conventional triggers. This has to result in a less expensive new pot due to less material and time spent making the pot. This lower pot cost on new pots easily covers the cost of Neptune Triggers. No leak 3 and 4 entry pots are now possible with new Neptune rigged pots.

The possible benefits of using Neptune Dungie Triggers are worth giving them a try on a limited number of pots to prove it to yourself. Take some of your older pots, remove the existing tunnels and add Neptune triggers to the vertical uprights where the tunnel was attached. Simple as that. We’ll help you get the sizing right for any retrofit to make this process easy. So much to be gained….so little risk. Give them a try!!
Our two designs are called the Dungie Trigger and the Ramp Trigger.

Our Dungie Trigger is similar to our Alaskan cod and crab trigger in shape, but varies in the finger units used. Our Alaskan triggers use our Regular Finger units (RF) that have 1 3/4" between the fingers. Dungies can escape through such a gap if they're on the bottom of the trigger. We also have Mini Finger Long (MFL) finger units which have 7/8" between the fingers. Using MFL on the bottom prevents escape and also provides a better walking surface for the crab entering the pot. For the top row of fingers, either finger unit seems to work. The RF on the top row would provide less resistance to the crab's top shell as they enter the pot. Keep in mind that both finger units, and the slit pipe, can be cut to create a trigger to retrofit any existing pot. The triggers below show the standard design that comes with MFL on the bottom walking ramp and RF on the top. The larger one has an I.D. of 7" X 13.25" while the smaller one has an I.D. of 7" X 11.25". Add an inch in each dimension to get the O.D. The trigger on the right shows a Dungie trigger with MFL on both top and bottom.

Our Ramp Trigger uses our finger units, end pieces, and a lower wire mesh walking surface to create a very effective 1-way entrance trigger. The wire mesh is plastic coated galvanized 1" X 1" mesh. The wire mesh slides down the slit pipe and is secured at both ends to the one piece end pieces with plastic ties. As with the Dungie Trigger, the wire mesh panel and the upper fingers can be assembled in a number of angles to suit your needs.

The price for either design is around $8 each depending on size and components used. We prefer that fishermen and crew make their own Neptune Dungie Triggers. This allows the fishermen to get the desired finger tip gap, finger angle and other preferred choices.

Other designs are also possible including an Over Hang design and Shorty triggers.

Neptune triggers are easy to make with the following components and solvent cement:

- Regular Finger: $1.25
- Mini-Long Finger: $0.95
- Mini-Short Finger: $0.85
- 7" One Piece End Piece: $1.80
- 9" One Piece End Piece: $1.95
- Slit Pipe: $0.45/per foot

Have your pot maker, or marine supply house, contact us if you wish to deal directly with them.