Shellfish Aquaculture Gear

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Where do you start?

- Species
- Location- depth, current, wind
- Existing Infrastructure
- Available Capital
- Market
- Production Plan

All can play a major role in which gear you choose

Gear Selection Some Factors to Consider

- Initial cost and gear life span
- Capacity (production unit)
- Handling (manual vs mechanical)
- Fouling control (labor)
- Predation
- Tumbling (shape, growth)
- Storms

Materials

• Initial cost and gear life span





Plastic coated wire

Fasteners: Clips Hog rings Zip-ties

Pins Hooks Rope Rigging: Longline Clip Ropes Cables

Fouling control

<u>Fouling on Gear</u> - inhibits flow and feeding <u>Fouling on Animals</u> – affects product quality, cause mortality

Reduce fouling by:

- Air Drying
- Dips
- Powerwashing
- Tumbling

Zones for Culture Gear





Predator deterrence



Oysters in trays directly on bottom



Off - Bottom





Cages or Condos

Rack and Bag



Australian Long-line System



Fixed or adjustable height

Suspended cages



Floating Bags



Floating Cages



Large floats dry gear and animals









Aquaculture Demonstration Center

