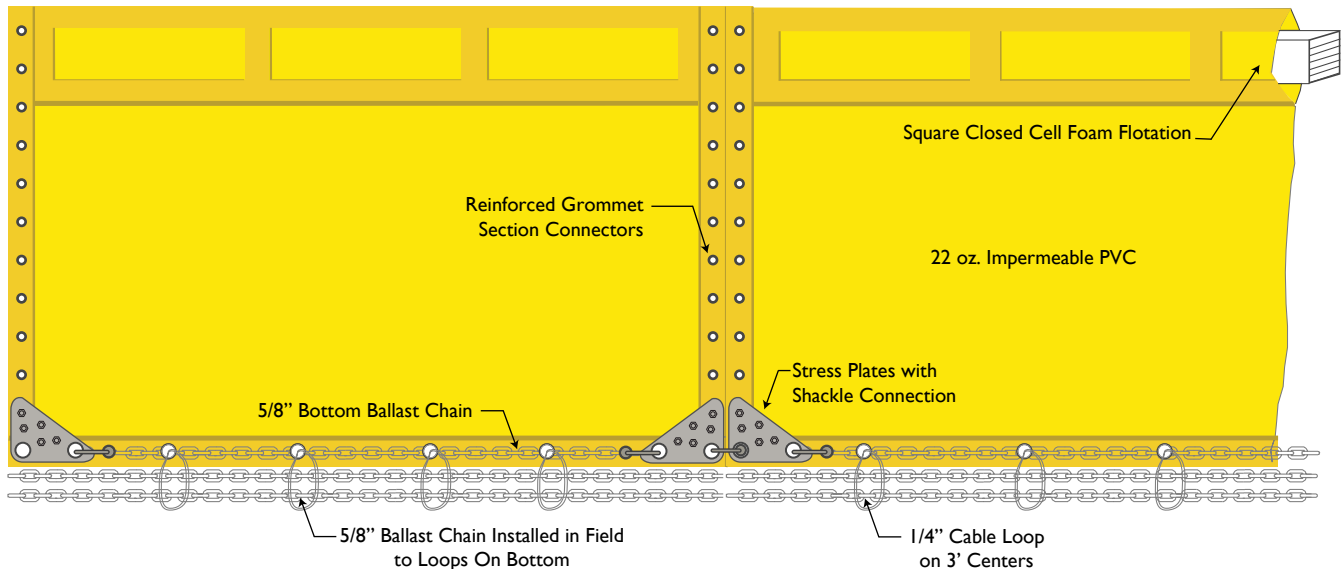


# Submersible Curtain

## Floating Turbidity Barrier



Submersible curtain utilizes 4" diameter marine grade, billets suitable for extended use in a marine environment. These are encased in the top of the heavy-duty screen fabric, creating a continuous float line. These are segregated into segments placed end-to-end, with minimal separations between billets to allow folding for shipment and storage.

Ballast is provided by 3 each 5/8" HD galvanized steel chain one of which is enclosed in a multiple layer, heavy-duty fabric, sleeve at the bottom of the filtration skirt. The other two lengths of chain attach externally, in-field, and requires site assembly by others. There is a HD galvanized hook and eye ring allowing for attachment to the next section, which completes system load transference.

The photo depicts the bottom of the submerged curtain, where the chain pocket is located and will show how the two free chain sections should be attached to the submerged curtain when in-field. The 1/4" wire rope loop is strung through a link of the permanent ballast chain (the chain inside the pocket) and leads out through holes on either side of the chain pocket. These loops are located every three feet along the length of the barrier.

To connect the other two free chains:

1. Stretch barrier out on ground.
2. Lay free chains out along the bottom of barrier and stretch out so links are tight.

3. Remove shackle from 1/4" wire rope loop.
4. Take the narrow eye of the loop (one eye is more narrow than the other) and feed it through a link of each free chain as shown.
5. Shackle the two eyes together.
6. Wire tie the shackle pin.

**Section Connectors:** Vertical ends connect together via HD zip ties every 12" OC through reinforced grommets.

**Anchor Points:** Anchor points are provided approximately every 10' at the bottom chain to which auxiliary anchors must attach.

