Example JARPA Language: Floating Nursery/FLUPSY

| Activity | Description |
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| Timing | Floating culture activities are generally not tide-dependent and occur year-around. |
| Access | Floating culture areas are accessed by a work vessel. There are some exceptions: floating facilities located in a marina or other location near the shore, which may be accessed from a dock extending from adjacent uplands. Work vessels that are used to transport farm crews, materials, and equipment to the farm site may be anchored on-site, at a dock, or stored upland when not in use. Work vessel operations depend on the type of work being performed at high tide and are described in relevant subsections below. |
| Bed Preparation and Enhancement | Bed preparation activities for floating culture areas are limited to anchor installation on-site. At a marina, the floating nursery or FLUPSY may use existing infrastructure for anchoring. Divers may inspect sites to ensure that there are no potential underwater hazards. |
| Predator and Invasive Species Control | Predators can cause significant damage to floating culture crops. Floating nurseries or FLUPSYs use fully enclosed bins or trays that exclude predators. These bins are typically constructed of a mesh material that allows water and phytoplankton to move through the trays. |
| Seeding | Shellfish seed is transported to the nursery from a shellfish hatchery or remote setting facility, typically by vessel. Shellfish seed is washed and culled regularly to prevent the build-up of fouling biota and to ensure that sizing is consistent within each bin. Shellfish seed may be spread into several bins to achieve lower densities as the seed grows. Bins are hoisted out of the floating frame using a mechanical overhead hoist. Then, the seed is rinsed with seawater and screened in a sizing machine. Equipment may be rinsed using pressure washers. |
| Maintenance | Shellfish nursery rafts or FLUPSYs are regularly cleaned to prevent the buildup of fouling organisms. Depending on the type of containment gear used, shellfish nursery systems may be cleaned as often as several times a month to prevent fouling and promote seed growth. Systems may be lifted above water manually or using a mechanical hydraulic hoist on-site. Containment gear and rafts may then be rinsed with sea water from an intake pump with a small internal combustion engine located on the floating nursery or work vessel. Fouling biota growing on the trays are washed off into the water. |
| Harvest | Once shellfish seed have reached a suitable size to be planted, they are removed from nursery and transplanted to a farm. Seed is generally transported off-site by vessel. |