



Oil-Technology Academy

College & Career Readiness

OPERATION CLEAN SWEEP



Background Information

- People are disposing of more plastics than landfills can handle.
- The Great Pacific Garbage Patch (GPGD) is about 1000 miles off the coast California. Plastic accumulates here because of the ocean currents.
- The GPGD is thought to be twice the size of Texas, but no one really knows the true size.
- The six common types of plastic are: Polystyrene (PS), Polypropylene (PP), Low-density Polyethylene (LDPE), Polyvinyl Chloride (PVC), High-density Polyethylene (HDPE), and Polyethylene Terephthalate (PET)
- Of those, only three-PVC, HDPE, and PET- are recyclable

Benefits

- A corrective way to remove plastic waste in the ocean
- Recycling plastic into products that benefit the community
- Repurposing an idle offshore platform into something beneficial
- Creates a feedstock for large cities like Los Angeles, CA.
- Create jobs

Sources

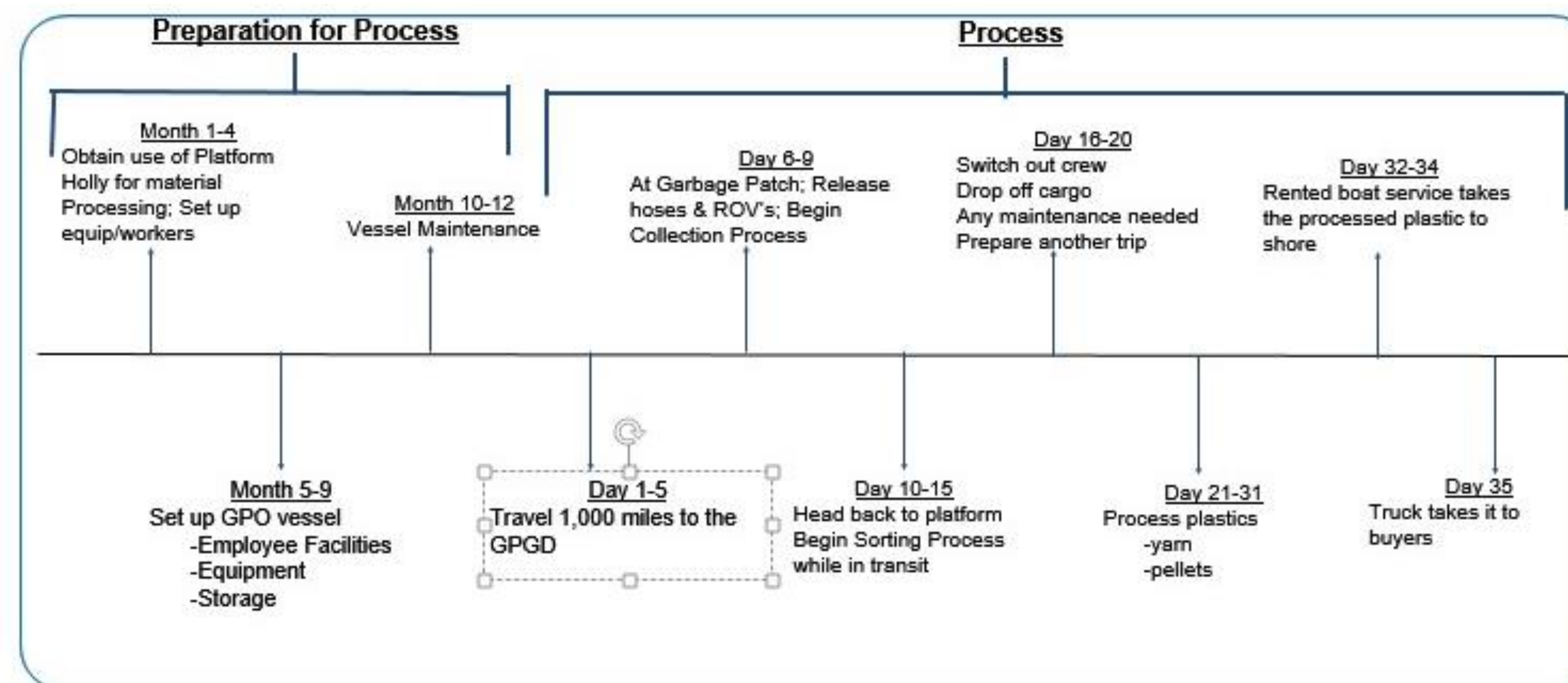
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- <https://www.recyclingtoday.com/article/abandoned-fishing-nets-recycled-into-nylon/>
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Process

Collection

Sort during Transport

Repurpose



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