

scale prototype of Clear Blue Sea's Floating Robot for Eliminating Debris (FRED) which will be used for demonstration purposes. This was achieved through the collaboration of two teams and four subsystems (power, conveyor belt, navigation, and boat). Using engineering the other subsystems.

- Plastics converges in the oceans in expansive areas called Gyres or Garbage Patches; the largest one is between Hawaii and California
- the size of Texas



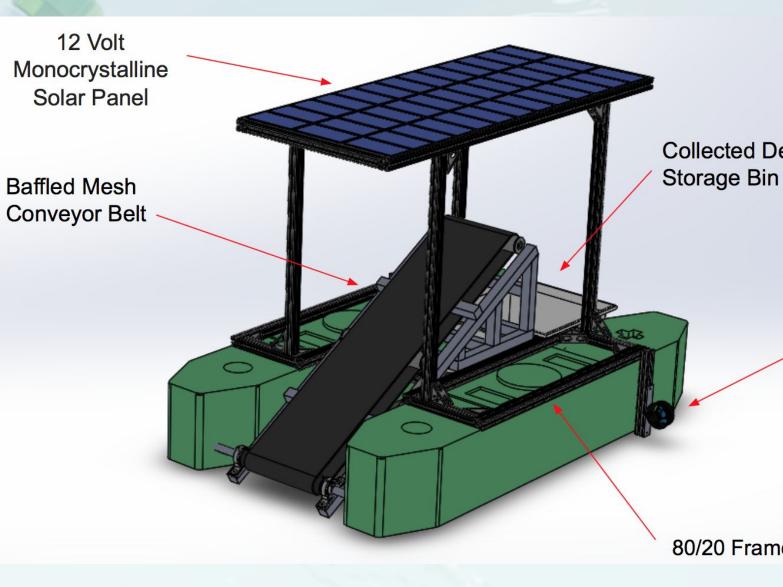
Venture

Outdoors

Pontoons



Final Mini FRED Design



Drive Pulley with

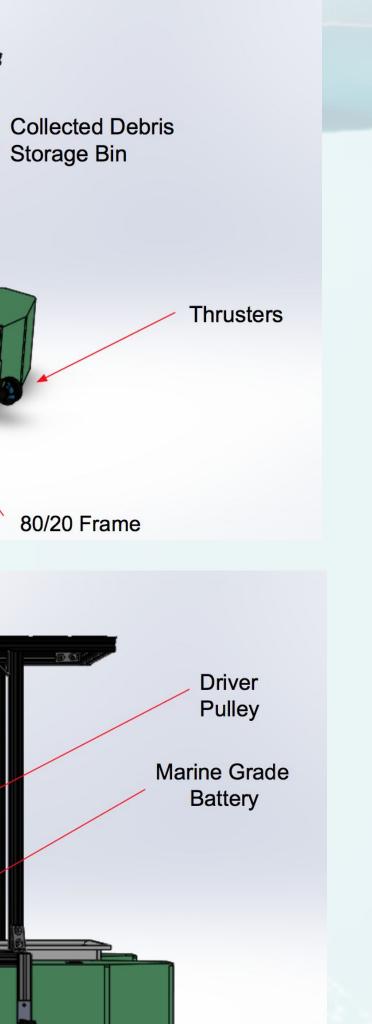


T200 Thruster

subsystem	quality	test criteri
Power/Boat	Power	thrusters a operationa
Boat	Bouyancy	pontoons do sink below 5 submerge
Power	Propulsion	FRED mov straight at 2 k
Conveyor/Power	Power	Motors prov adequate po
Conveyor	Collection	Collects 80% assigned tras horse troug

Acknowledgements





test date Done o not 55% 04/11/19 04/23/19 knots vide 04/14/19 ower % of ash in 4/23/19