

# CRUSH

Built in 2024

1

## MODULAR TWO CAPSULE STACK

- Watertight capsules contain all major electrical components
- Dedicated power and signal capsules
- Inter-capsule cable for critical communication between MCUs

2

## HYDRODYNAMIC FRAME

- Shape optimized through Ansys hydrodynamic simulations
- Custom machined for modular and flexible component placement
- Optimized wings for hydrodynamics and thruster stability

3

## SUBSYSTEMS

- Cameras for optical CV navigation and marker dropper
- Modem for inter-vehicle sonar communication
- Sonar for alternative navigation and obstacle detection

