



Project Iron Curtain - Autonomous Drone Carrier



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Mission

To provide a cost-effective, modular and automated platform to the U.S Naval surface fleet capable of offensive and defensive unmanned missions.

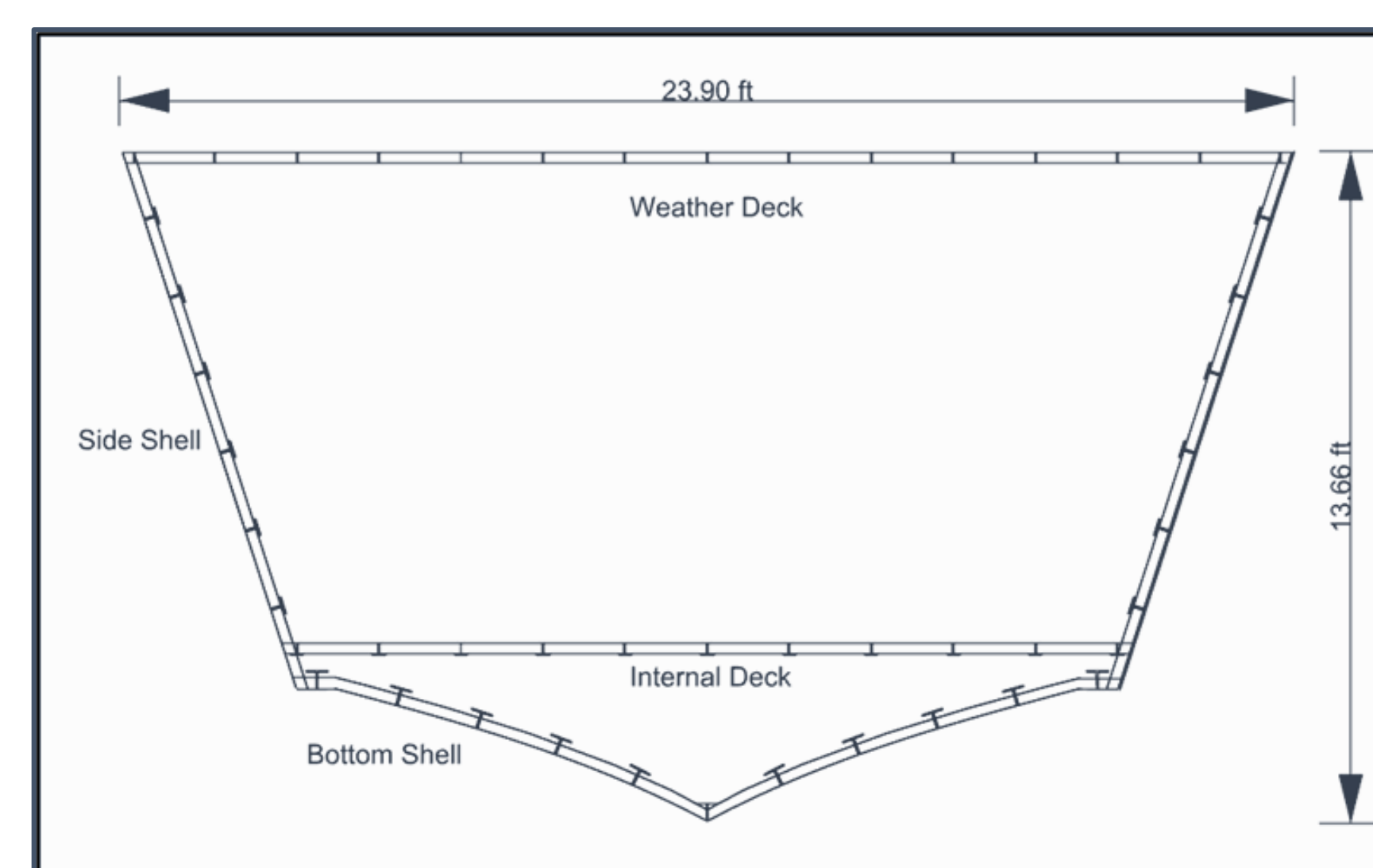
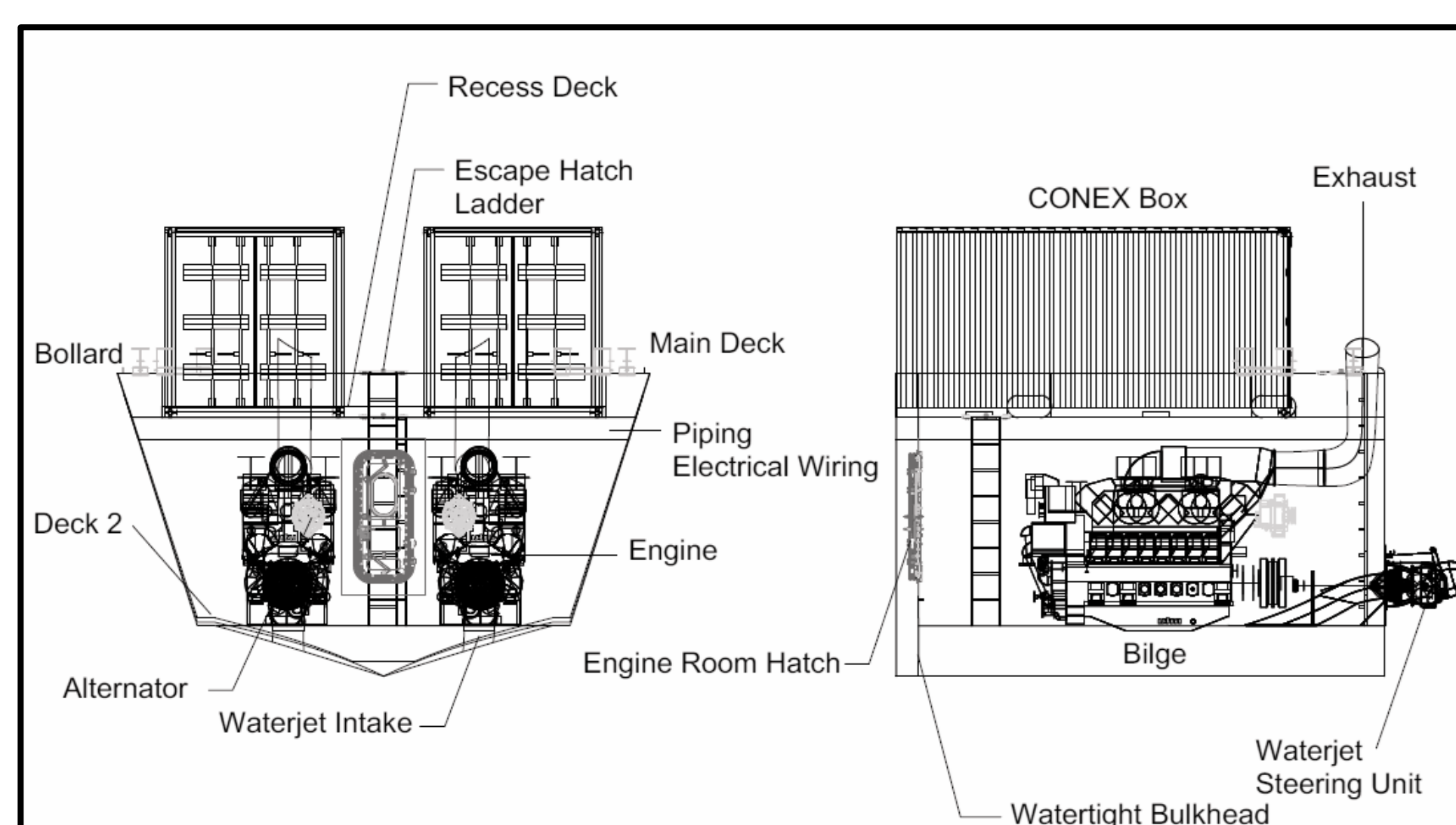
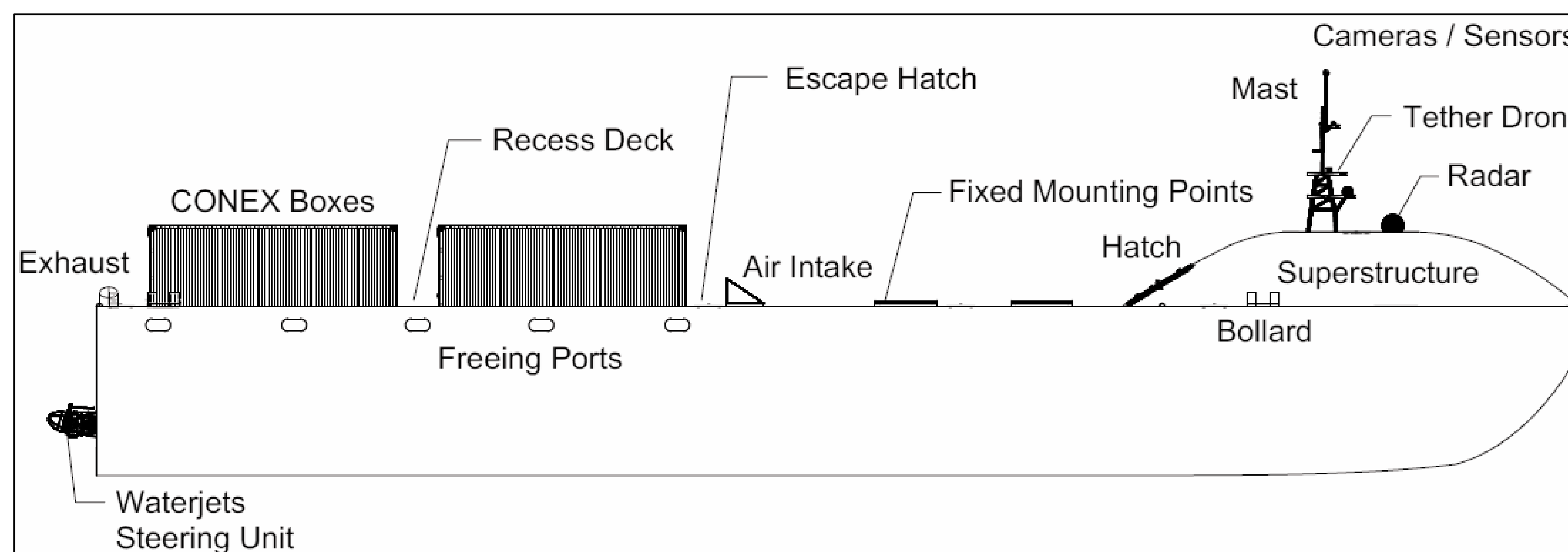
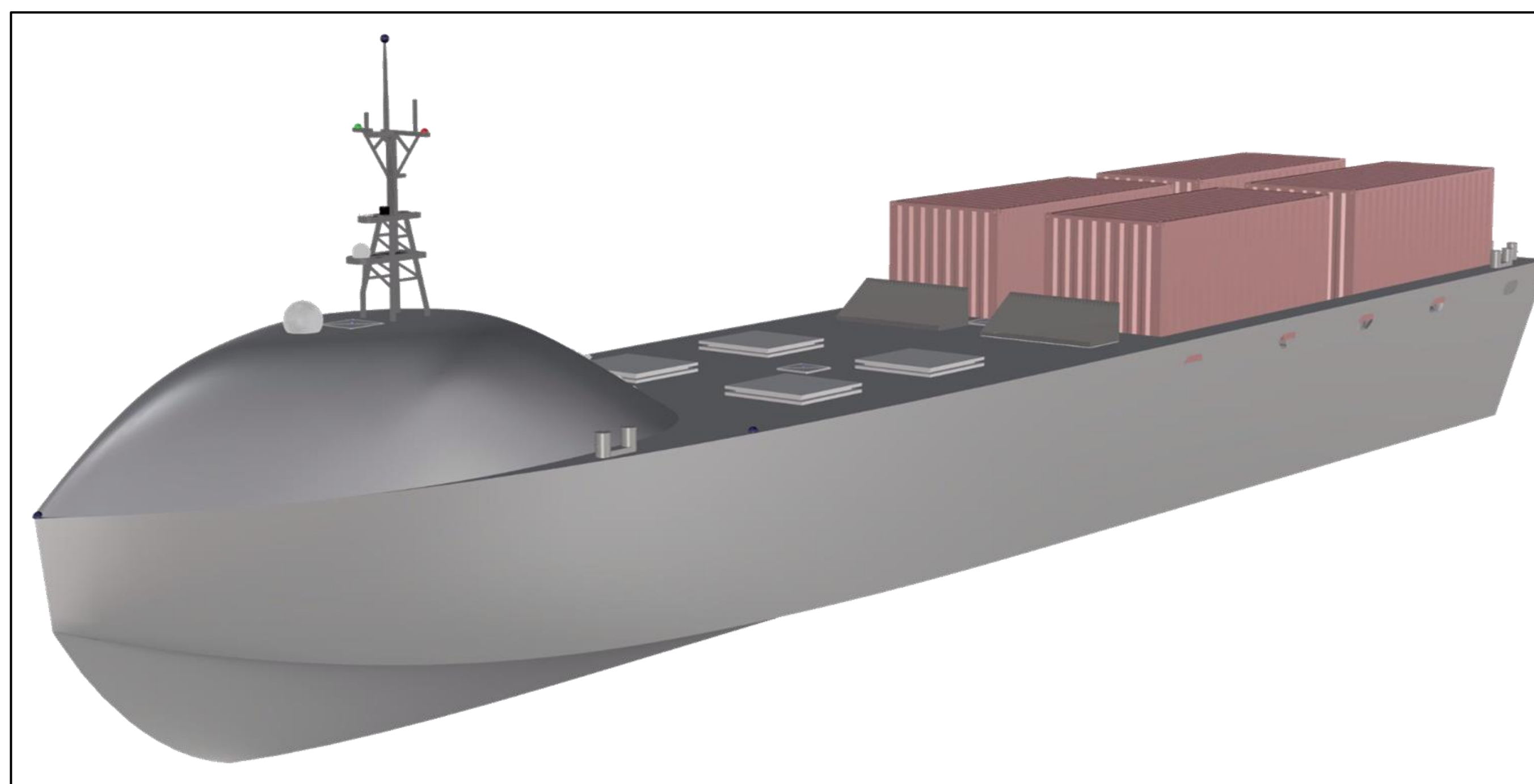
Background

- Ukraine-Russia War
- Future of U.S. Navy, PMS 406 and current investments
- Cost-effectiveness of unmanned systems
- Saronic Internship, summer of 2025

Principal Characteristics

Parameter	Value
LOA (ft)	120
LWL (ft)	113
Draft (ft)	5.4
Beam (ft)	24
Displacement (LT)	191
Cruise Speed (kts)	16
Mission Speed (kts)	30
Installed BHP	7724
Range (NM)	5000

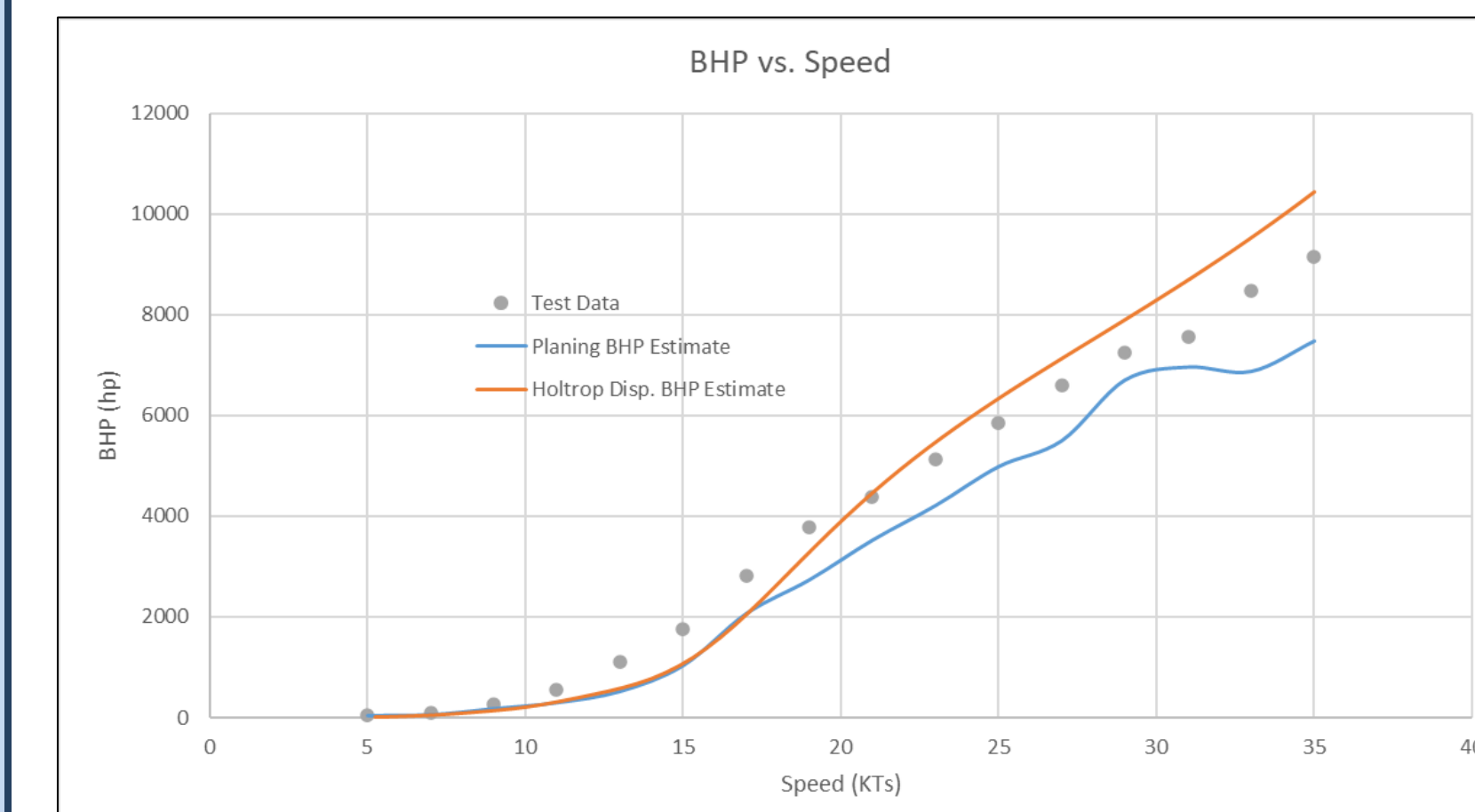
Ship Drawings & Layouts



Engine Room Specifications

Selected Engines	2x MTU 16V 4000 M73L
Selected Propulsor	2x Wärtsilä LJX 810 Waterjets
Propulsion System Configuration	Single Shaft Reduction Gear Output

Technical Data



Loadcase	Displacement (LT)	LCG (ft)	TCG (ft)	VCG (ft)
Lightship	68.3	72.2	0.0	6.4
Full Load	191.6	72.2	0.0	6.6
Burnt Out	105.6	76.76	0.0	7.70

Key Features

- Fully autonomous
- Four CONEX Boxes, capable of modular weapon loadouts
- Four mission launch platforms (RAM, RIM-116, CIWS, etc.)
- Lightweight aluminum hull designed in accordance with ABS rules

Acknowledgements

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