

NIX

General Purpose High Speed
Unmanned Surface Vehicle



NAVAIR Public Release 2021-368.

Distribution Statement A – “Approved for public release; distribution is unlimited”

NIX

General Purpose High Speed Unmanned Surface Vehicle



Specs:

Digital GPS

Width 40 in

Length 80 in

Speed 16+ kts

2 KW X 2 Motor

Empty Weight 83 lb

Electric Dual Jet Drives

Max Gross Weight 140 lb

Platform Volume of 20 cubic feet

High Strength, Low Weight Carbon Fiber Hull

360° and Side Scan Imaging SONAR (Optional)

High-Grade Industrial Marine Fabric Boat Stand

10 watt Digital Radio for Real-Time SONAR Data Feed

Low Dielectric Super Structure allows for Internal Antennae

Frequency hopping 2.4 GHz Transmitter Controller with 3 watt Amplifier

Capable of Autonomous Waypoint Navigation for 15 miles with 70 lb Payload



Items have been developed in part under the assistance of multiple

U.S. Federal SBIR/STTR contracts listed below:

N6833514G0039 Open BOA

N6833515C0138

N6833513C0281

DOCRA1333R14SE2877

DOCRA1333R11CN0188

N0001410MO458

N0001411MO119

HR001112C0073

NSF-1722355-A

N6833518F0001

Patents Include:

US #882555, Korea #10-1482486, Mexico #339942,

Indonesia #W-00201304834, Hong Kong (Taiwan/China) #14108254.8,

Australia #2012239947, European Union (30+ countries) #269436, Greece 3095439



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