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HIGH RELIABILITY UNMANNED SURFACE VEHICLES

César Martínez
CEO



UNMANNED TEKNOLOGIES APPLICATIONS





SPEAKER & COMPANY PRESENTATION

- César Martínez
- CEO
- UNMANNED TECHNOLOGIES APPLICATIONS (SME)
- SPAIN
- MANAGEMENT OF TECHNOLOGICAL PROJECTS

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COMPANY EXPERTISE

WE ARE SPECIALIST IN THE DESIGN & DEVELOPMENT OF UNMANNED SURFACE VEHICLES (USV)

- PROJECT MANAGEMENT
- H2020 PROPOSAL COORDINATION
- SYSTEMS ENGINEERING
- ELECTRONICS DESIGN
- SOFTWARE DEVELOPMENT
- INTEGRATION & TESTS





CURRENT DEVELOPMENTS



SV01P "Kaluga"

SPECIFICATIONS:

- Length: 6.70 meters
- Breadth: 2.70 meters
- Depth: 1.00 meters
- Weight: 490 Kg
- Displacement: 2,000 Kg
- Fuel tank: 200 liters (integrated)
- Engine power: 150 HP
- Engine weight: 200 Kg
- Load capability: 1,000 Kg
- Maximum speed: 40 Knots
- Autonomy: 24 hours

Operation Modes:

- Manned OPV (Optionally Piloted Vehicle)
- Remote manual
- Remote assisted
- Fully autonomous

- Fully sensed
- Communication LOS and BLOS
- Ad-hoc user payload integration

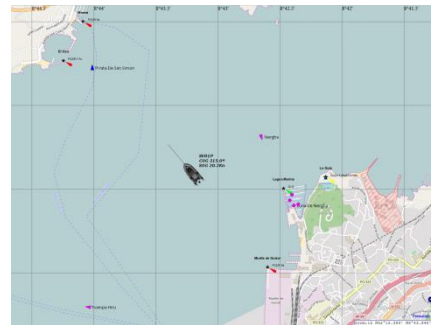
APPLICATIONS

- Surveillance and security
- Maritime search and rescue
- Environmental control
- Oceanic Research
- "3D" Missions (Dull, Dirty, Dangerous)

UTEK TEAM	UTEK	UNMANNED TEKNOLOGIES
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THE SYSTEM IN IMAGES





TOPICS OF INTEREST

- CALL: MOBILITY FOR GROWTH
GLOBAL LEADERSHIP AND COMPETITIVENESS
MG-3-2-2018: The Autonomous Ship
- CALL: BLUE GROWTH
MG-BG-01-2018: Unmanned and autonomous survey activities at sea
- COLLABORATION REQUESTS IN ANY OTHER TOPIC ARE WELCOMED



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