

## PIPPO - COMPACT SURFACE VESSEL (CSV)

PIPPO CSV is our “Multitask Swiss Army Knife”. It has been specifically designed to quickly survey in shallow water environment. The small size and light weight make the transport/launch/recovery of the vehicle incredibly easy and quick, even in remote locations, from dockyard/beach/survey vessel. With a top speed of 10 knots, it can quickly move from launch site to survey area. PIPPO CSV has all the authorizations of the Italian Ministry of Transport, included RINA® certifications, for the navigation up to 3 nautical miles from the coast.

### Equipped with the latest Geophysical systems

Survey equipment are pre-calibrated to allow the immediate start of data collection with no waste of time.

The survey can be managed from the shore by a powerful radio-wireless link that allows the operator onshore to control the systems (*Ground Control Station*).

Also, the configuration allows to simultaneously collect data from multiple sensors.

Transducers are mounted on a retractable pole with pre-installed motion sensor, gyro, positioning system and sound velocity sensor.



#### VESSEL DETAILS

- Name: PIPPO - CSV
- Built in: 2017
- Flag: Italy
- Weight: 182 Kg
- Water: National
- HD Camera

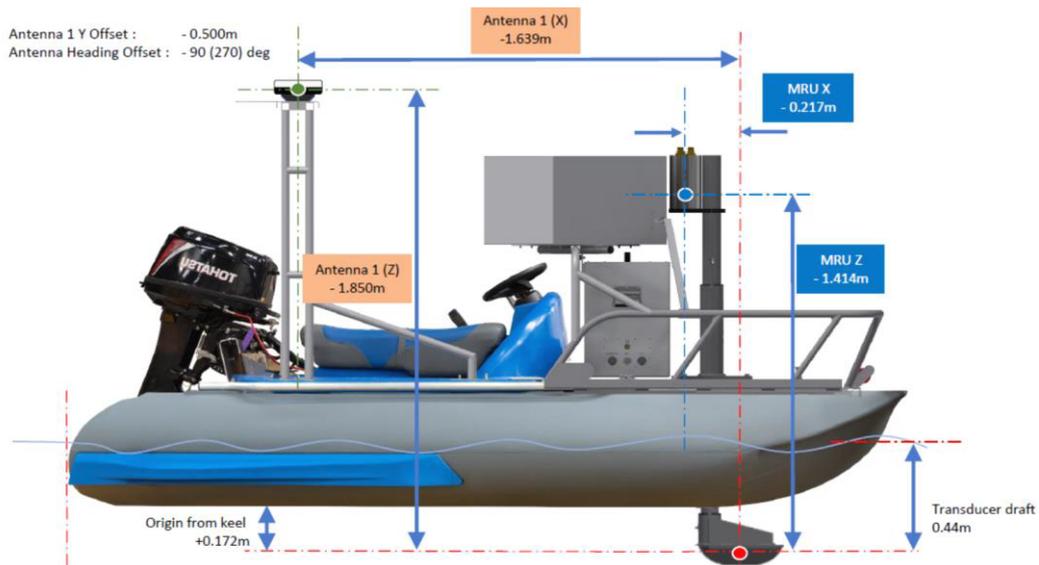
#### TECHNICAL DETAILS

- Length: 3.00 m
- Width: 1.62 m
- Draft: 0.35 m
- Engine: 20 hp
- Fuel capacity: 24 l
- Max speed: 10 kts

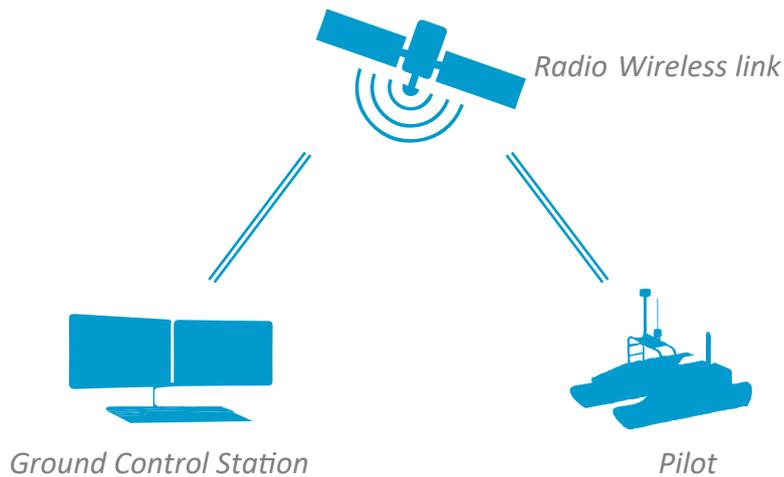
#### KEY FEATURES

- Light Weight
- RINA® certified
- Remote Data Management
- Easy deployment and recovery
- Multi-purpose activities
- Ground Control Station

## OFFSET DIAGRAM



## REMOTE SURVEY MANAGEMENT



## SURVEY PRE-CALIBRATED EQUIPMENT

Applanix Ocean Master II OEM	GNSS Positioning System
GeoAcoustic GeoSwath 4R	Simultaneous swath bathymetry and side scan sonar seabed mapping system for shallow waters
GeoAcoustics GeoPulse Compact	High-performance Chirp sub-bottom profiler
Norbit Winghead i77h	Compact/portable ultra-high resolution curved array with 1024 beams
Norbit iWBMS	Compact/portable ultra-high resolution curved array with 512 beams
Geometrics G882 magnetometer	High-res marine magnetometer for UXO/Archaeological clearance