

# Survey Vessel

Plug and play survey ready

## Deliverables

- Full customizable Survey Vessel
- World wide reach in a container
- Real-time data transfer from vessel to shore

Stema Systems' 30 years of surveying experience within the hydrography and geophysical field has led to the design of this practical, highly manoeuvrable lightweight, trailerable and containerised boat.

Reason for us to build our boat was to get the highest quality data while surveying and **to minimize the mob and demob costs.**

This boat is a **turn-key Survey Vessel**, calibrated and ready to survey. Crews reach and survey larger areas in less time, the pre-calibrated survey gear allows them to quickly start working. It works fast and comfortable for its crew. It saves lots of time and money for her owners.



Highly manoeuvrable plug & play Survey Vessel in action during trials.



Hoisting eyes are present to deploy the vessel from almost any dock.



The light-weight vessel fits into a standard container so it can easily be deployed all over the world.

## Key features

- Survey ready
- Calibrated and ready to go
- Pick and mix survey equipment

## Related products

Silas	Geo Consulting
EBP	Winch
RheoTune	Rental
Object detection	

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## Specifications

### Characteristics

<b>LOA</b>	7.25 m
<b>BOA</b>	2.28 m
<b>Draft</b>	0.70 m
<b>Dry Weight</b>	2,220 kg incl. engines
<b>Engine</b>	Honda LKU
<b>Type</b>	2 outboard 60hp
<b>Propulsion</b>	Sterndrive
<b>Speed</b>	40 km/h
<b>Range</b>	+/- 275 km
<b>Fuel</b>	190 L
<b>Crew limit</b>	4

### Hull & Cabin

<b>Material</b>	5 mm sea grade aluminum
<b>Shape</b>	V- bottom
<b>Climate</b>	Air-conditioned cabin
<b>Windows</b>	Double glazing
<b>Transport</b>	Trailerable Containerable Hoisting eyes

### Interior

#### Plug & play Survey Vessel

- Bench & desk for surveyors
- Comfortable captain chair
- Waterproof interior woodwork
- Storage compartments
- Necessary sailing equipment
- Chart plotter, radar, autopilot, etc.

#### 40 ft HC Container

Workspace contains:

- Total station and internet connection
- Sleep and shower facility

### Survey Equipment

<b>Multibeam</b>	R2Sonic
<b>Singlebeam</b>	Stema EBP
<b>Geotechnical</b>	RheoTune
<b>Motion sensor</b>	IX Blue
<b>Sound Velocity</b>	AML
<b>Positioning</b>	Stema GNSS
<b>Software</b>	Qinsy