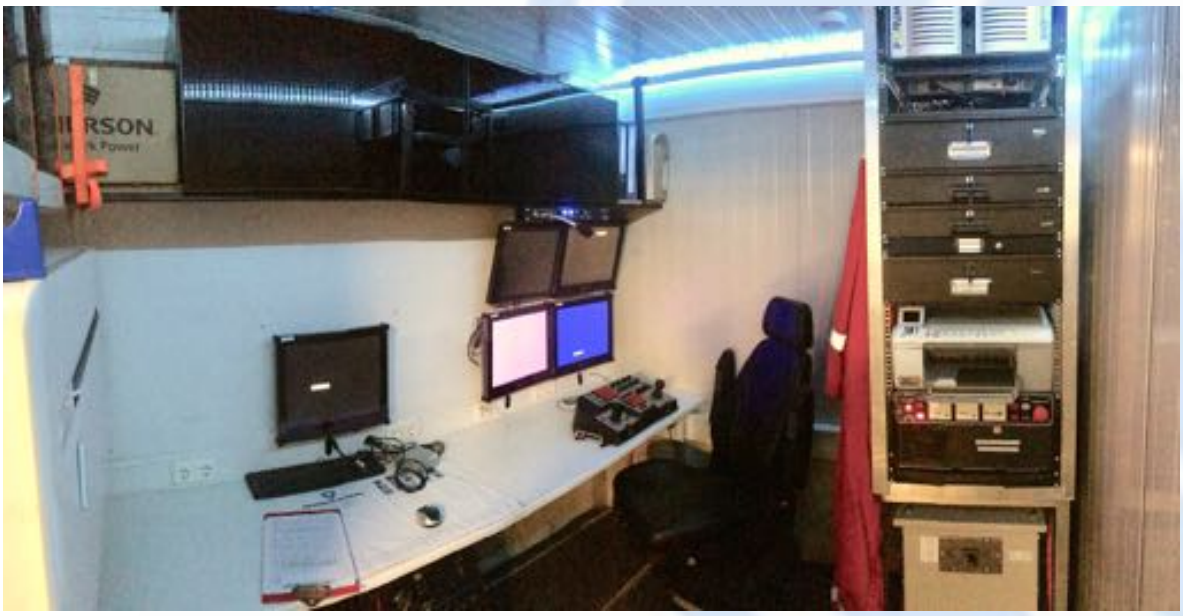
Technical specifications Mojave

Thrust	: Forward	53kg
	Lateral	53 kg
	Vertical	26 kg

Max depth	: 300 mtr
Length	: 1000 mm
With	: 600 mm
Height	: 500 mm
Camera #1	: 540 lines/0,02 lux Colour
Camera #2	: 2 x 10^{-5} Lux B&W (Near Sit)
Sonar	: Blueview M900-130
Weight	: 100 kg (Neutral in water)
Max speed	: 3.5 Knots

Rov controll.

The surface controls of the Rov are integrated inside a 10' DNV container.
Also a more mobile flight-cased system is available.This mobile system can be easily set up in a small vessel or barge.



Launch and recovery.

For Launch and recovery we have (depending on the project) several possibility's.
We can launch with our crane skid and Rov cage, or we can make use of our in house fabricated docking bullet with lock-latch.
When deck space on board is limited we can also use the ships davit (if available).
All lifting equipment is certified by an independent certification company.

Optional equipment:

The Mojave is the most powerful free flying observation Rov for it's size, but with the manipulator option is also capable to perform several light jobs on the sea- floor or in mid water.
For the Mojave a big variety of tools is available if the project demands specific upgrades or modifications please feel free to contact us.

Recording and Navigation:

For recording we use the visualsoft recording software, This software is purpose build for Rov inspections, and there fore time saving and easy to use.
The software has a build in overlay and is capable to implement a survey data string.

For navigation we use the Blueview M900-1300 multi beam sonar. This sonar makes it positie to quickly locate and identify the object to be inspected. Due to the real time sonar image generated flying to the target can be done without waiting for the image to be updated.