



# Advances in ROV technology

Oscarsborg 28 September 2011



# Ocean Modules

Designs  
Constructs  
& Produces



V8 Offshore

V8 Sii



Inspection class ROVs

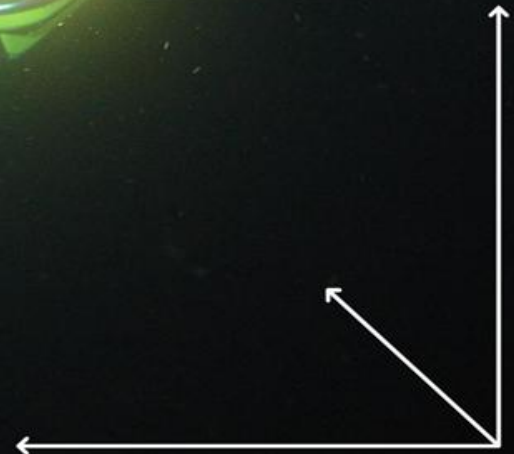
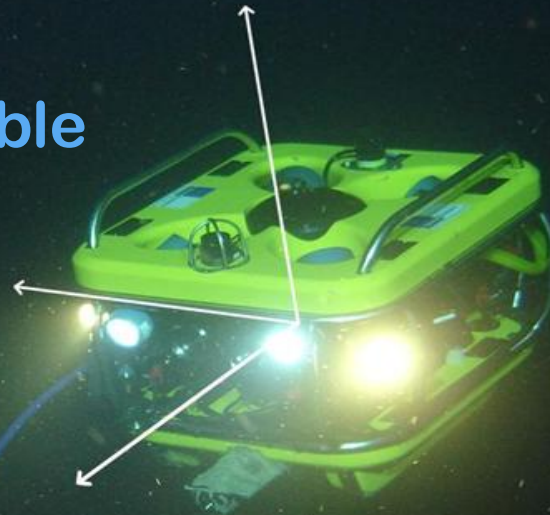
V4



# The Ocean Modules concept

## Six degrees of freedom

- Maneuverable and stable
- easy to pilot
- accessibility
- perfect viewpoint





# Taking it further



- Expand the potential of the digital control system:
- Tailorised piloting modes
  - Station holding, constant altitude and auto tracking

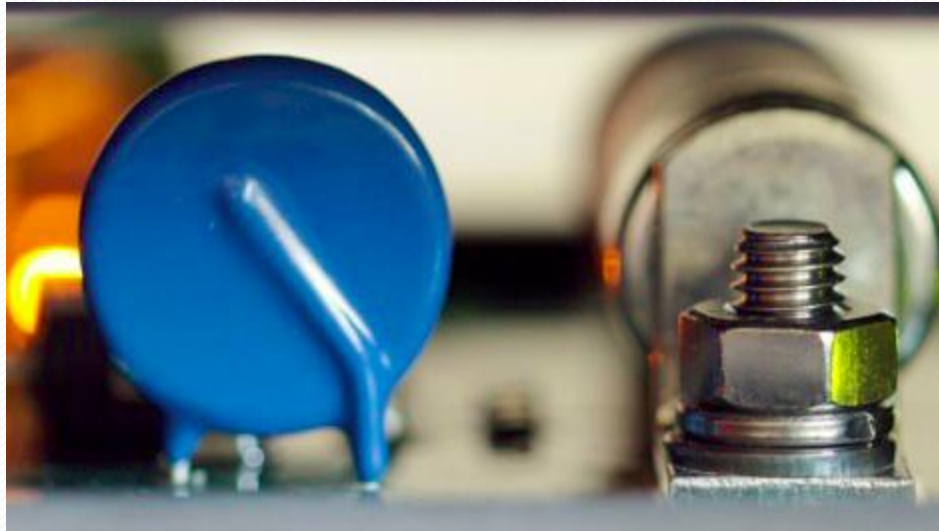


**Gigabit Ethernet high speed data communication**



**Electronics based on identical stackable electronic boards:**

- Fewer spares
- Expandable
- Redundancy



## Monitoring, diagnostics logging

- All Electronic boards and interfaces monitored
- Diagnostic tests to check and correct inconsistencies
- Time stamped logging of events