



human energy®

# SUT/THSiS/IMCA

## Adapting to the Digital Future

### Subsea Imaging

Peter Blake  
GTC Manager  
01/11/18

# subsea imaging then & now

1988



2008

## ■ Remote Sensing

Condition Monitoring  
Flow Assurance

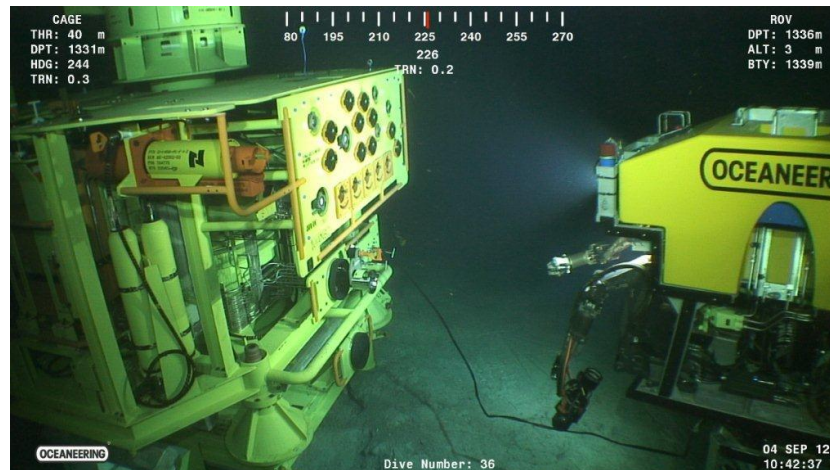
## ■ Modelling

Field Infrastructure  
Mission Preparation



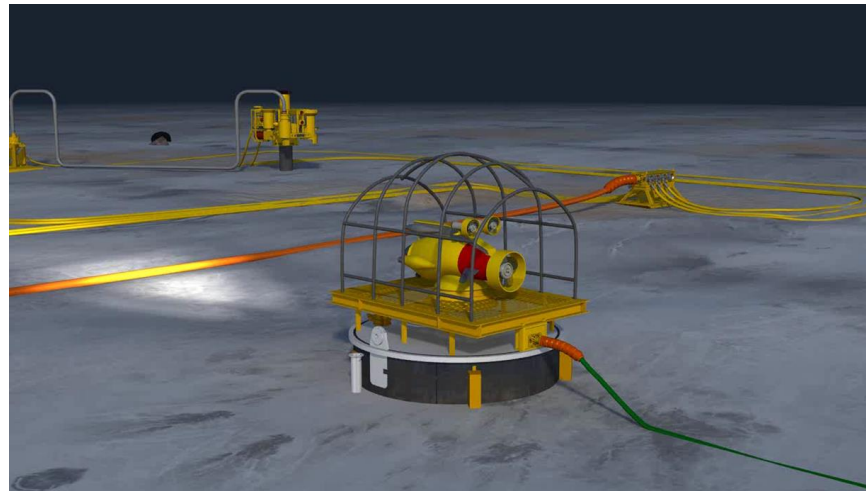
# subsea imaging 2018

- Step change in cost & quality
  - Imaging
  - Processing
- Real Multi-platform
- Combination with measurement
- Integration with mission planning



# subsea imaging 20 years

- Blended sensing systems
- Multi-platform
- Dynamic
- Integration with intelligence and AI
- Incorporation with other sensors into asset management



# subsea imaging

- Handling data
- Integrating workflows
- Through life management
- Support for remote operation
- Business integration
- Realising value

