

Managing an aging ship: The past, present, and future of RV Cefas Endeavour

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Science



Cefas

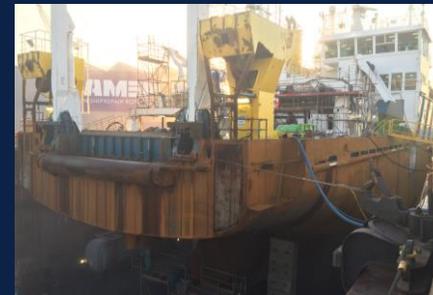
The Past



20 years of service

Fantastic outcomes, but not always plain sailing

- 250-300 days at sea per year
- Largely used for UK Government's statutory monitoring activity
- R&D projects co-delivered at sea
- Spare capacity available to charter
- Increasing technical issues as vessel ages → more scheduled maintenance periods
- Most recent vessel management contract started 01 April 2020.
- COVID-19



The Present



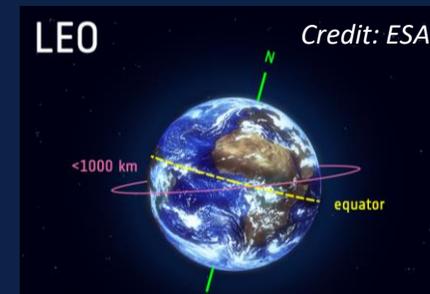
Here and Now

Continuous Improvement

- Contract Extension with AW Ship Management (through to 31 March 2027)
- HVO trial (this week) – 100 m³
 - Combustion analysis
 - Cost
- Shore infrastructure review
 - Sites
 - Vehicles
- Internet connectivity – LEO options



Credit: Nixon Hire



The Future



Future Delivery At Sea (FD@S)

To life extend, or not to life extend – that is the question

- Options under consideration:
 - Continued use without targeted investment
 - Continued use with targeted investment (life extension)
 - Replacement with maintained scientific capability
 - Replacement with enhanced scientific capability
- Technical and legal consultants engaged
- Considerations of future vessel management approach
- Decarbonisation / Net Zero ambitions
- General Election in UK

Credit: SYKE



Credit: NIOZ



How to work with Cefas

Procurement and suppliers

Cefas advertises all tender opportunities on the UK Gov site:

- gov.uk/find-tender

To see all Defra group tender opportunities, register on our ATAMIS e-procurement portal:

- atamis-9529.my.site.com/s/Welcome

GOV.UK Find a Tender

Find a Tender

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Can include the title, contracting authority, awarded supplier, description and document number

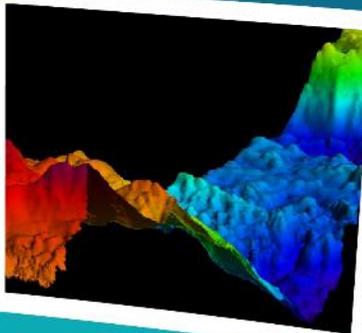
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