

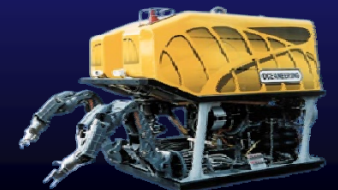


FFU Seminar IB Senteret 29.01.09

Erfaringer med opplæring av ROV Piloter i bedrift

Presentasjon:

Egil Egeland
ROV Manager - Norway
Oceaneering as



Oceaneering as - Norge

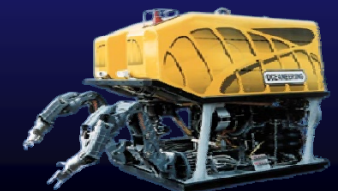
- Etablert 1973 / Heleid av Oceaneering Int.
- Oceaneering as, Stavanger
- IFokus Engienering, Stavanger
- Oceaneering Rotator, Kristiansand
- GTO Subsea, Kristiansund
- Totalt ca. 750 ansatte



Base - Jättåvågen

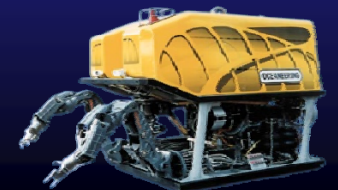
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- Oceaneering as, Stavanger
- Ca 1 Mrd. årlig omsetning
- 605 fast ansatte
 - 195 onshore / 410 offshore
- 45 WROV / 18 OROV
- Ca 75.000 dykketimer årlig
- Integrert ROV Opr. & Engineering
- Utvidelse 2008.
 - + 80 kontorer + 1500 kvm Verksted



Opplæring i Bedrift

- Litt ROV Historikk
- Opplæringsbehov / Økning i oppdragsmengde
- Rekruttering
- Internt Opplæringsløp
- Annen opplæring



Litt historikk - ROV



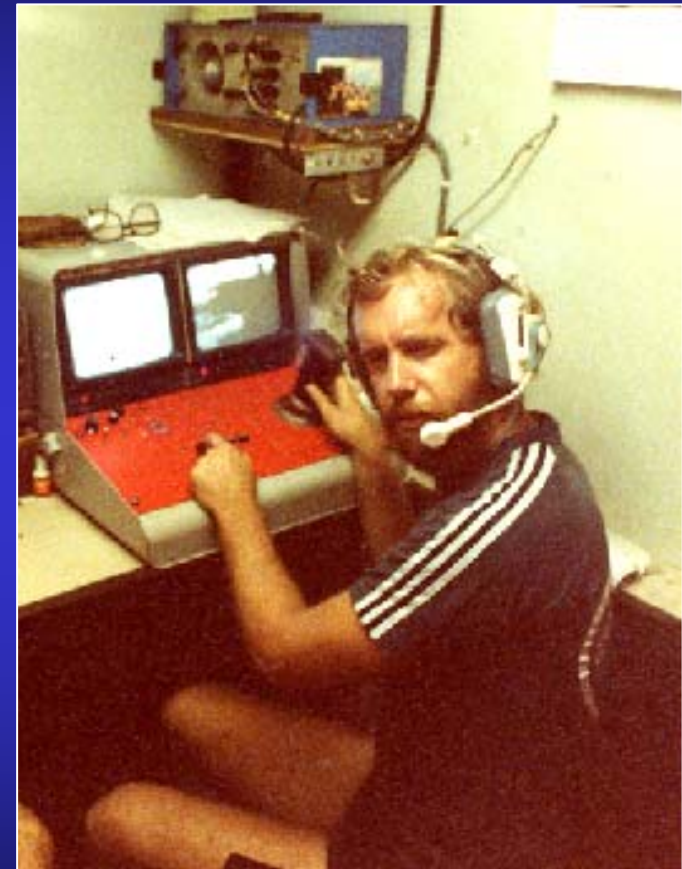
Kontrollrom ?

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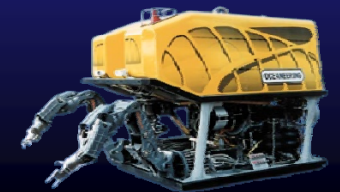
Litt historikk - ROV

ROV Launch - Recovery / Verneutstyr ?



Kontrollrom !

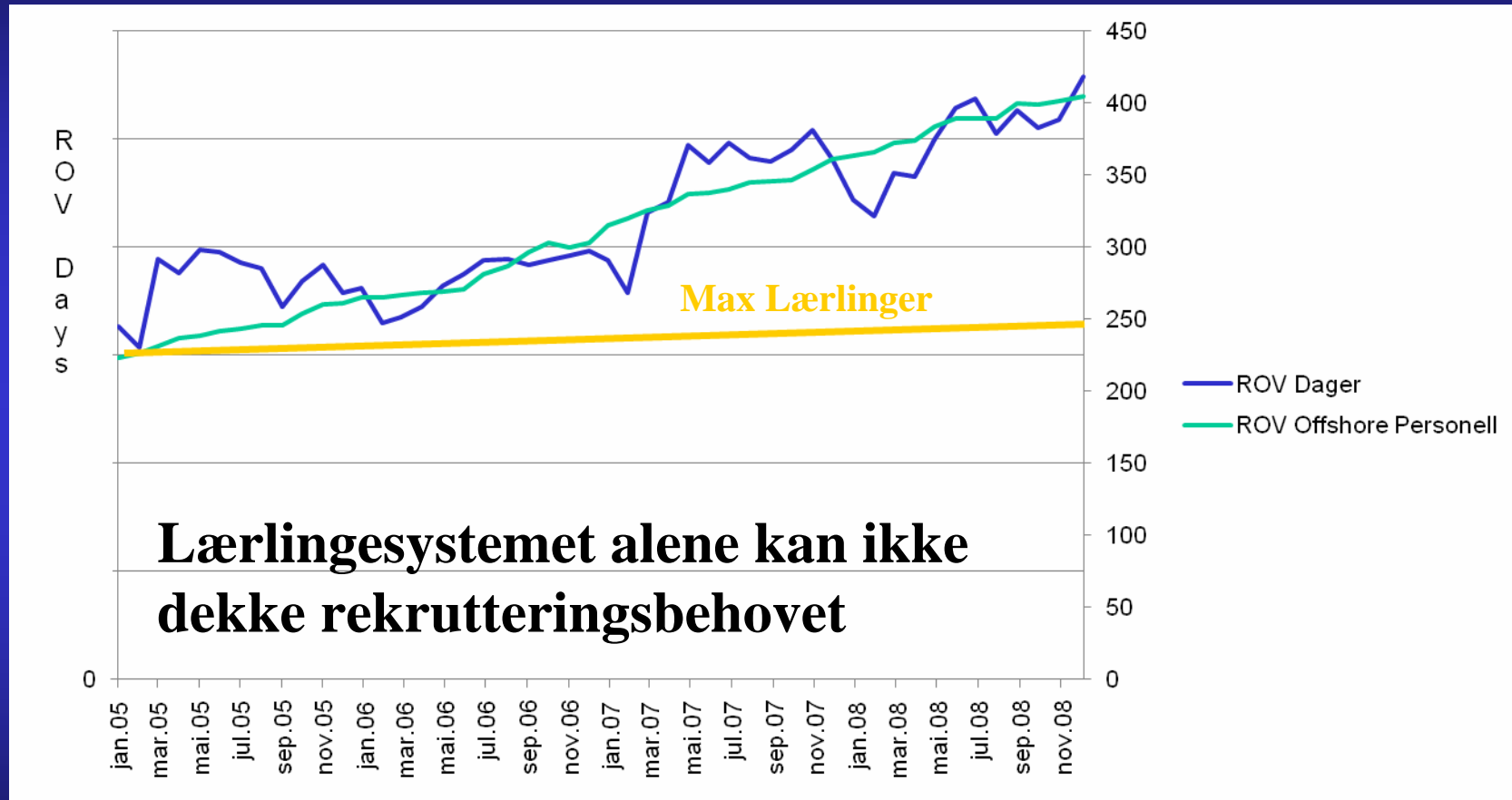
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Litt historikk - ROV



Økt Aktivitet = Økt Opplæringsbehov

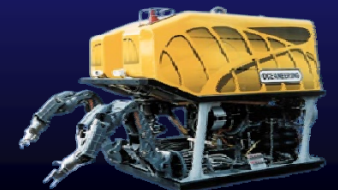


Rekruttering – 3 innfallsporter



- Lærlinger
- Personell med relevant fagbakgrunn
- Personell med ROV erfaring

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Lærlingeløpet – FU Operatør

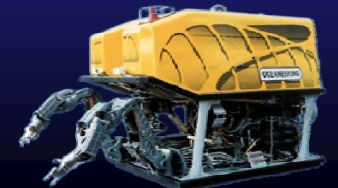


- Lærlinger siden 2001
- Læretid 2 ½ år
- Fagbrev som FU operatør

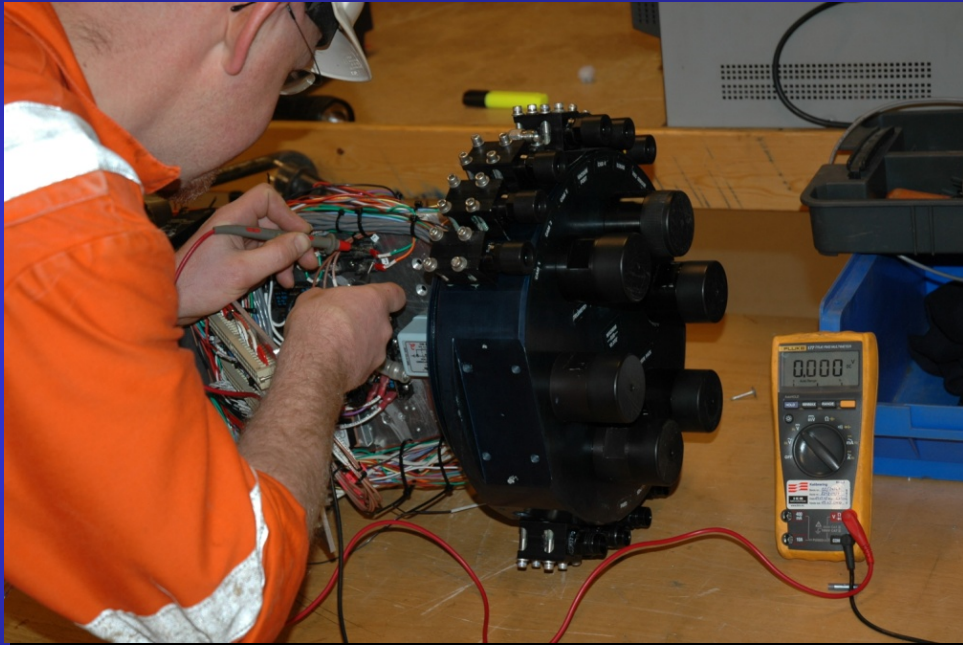
- Ca 15 Lærlinger i systemet til enhver tid.

- Lærlingeopplegg har lært oss å strukturere opplæringsløp

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Personell med annen relevant bakgrunn



Norsok U-102

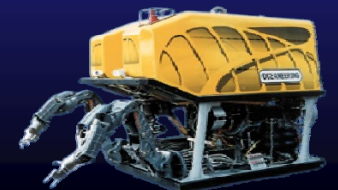
- Elektronikk
- Automasjon
- Hydraulikk
- Elektro

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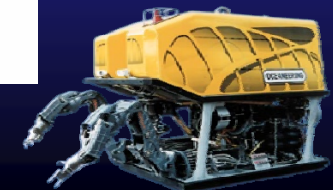
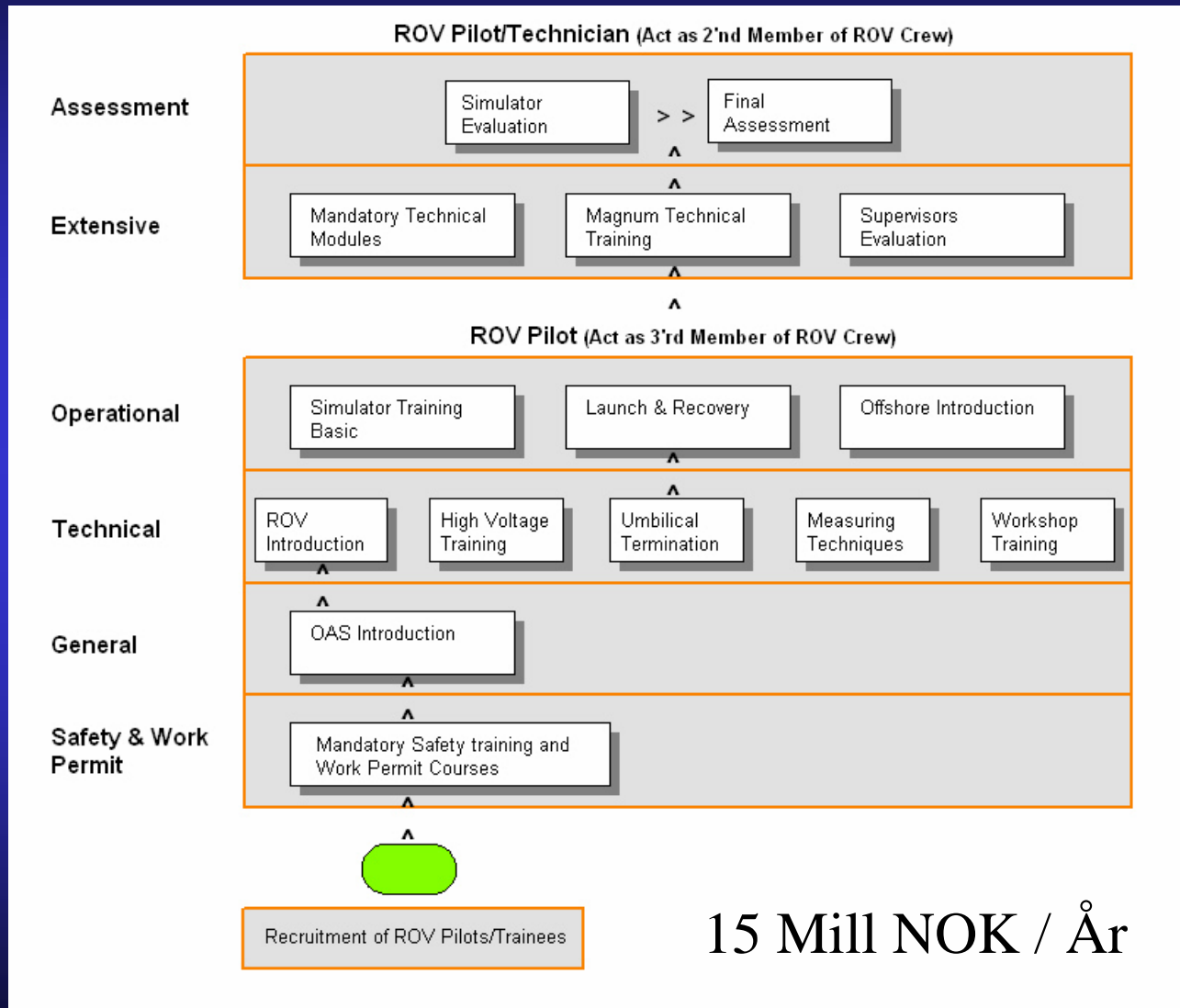


Rekrutteringsprosessen !

- Typisk 100 søknader pr. måned til ROV Pilot / Trainee Stillinger .
- Kan tillate oss å være kritisk i utvelgelsesprosessen
 - Intervju
 - Simulatortest
 - Teknisk Verifikasjon
 - ATTITUDE !



Opplæringsløp



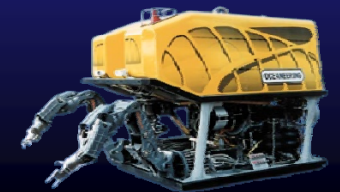
Kompetanse - HMS Fokus



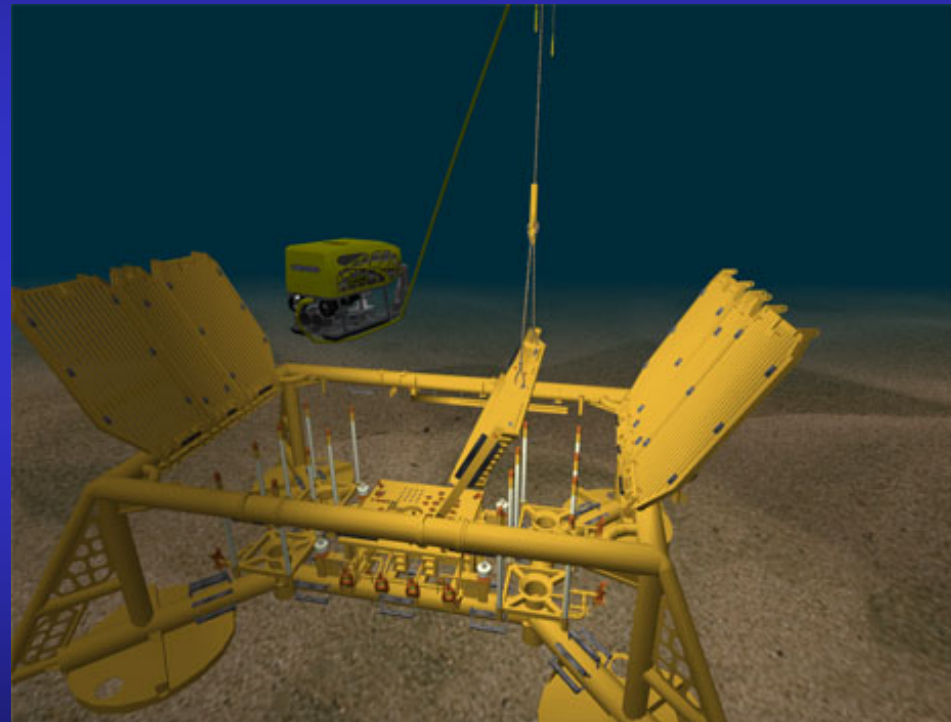
SJA



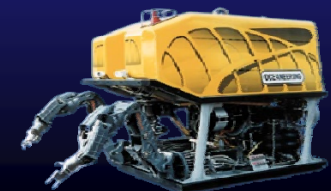
LockOut / TagOut



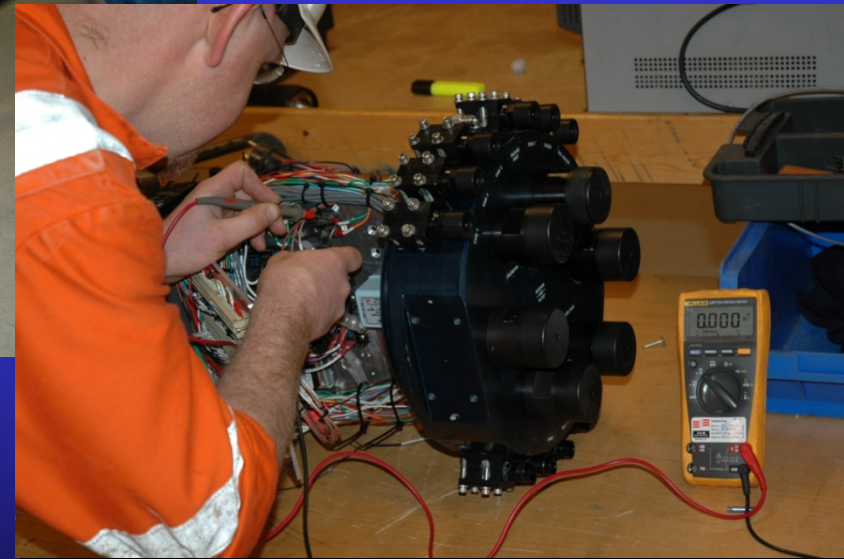
Aktiv bruk av Simulator



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Aktiv bruk av Praktisk Trening



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Prosedyreanimasjoner

ROV procedures for standard operations - Windows Internet Explorer

http://animatedprocedures.mimic.no/

File Edit View Favorites Tools Help

ROV procedures for standard operations

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ROV procedures for standard operations

OCEANEERING BACK/CLOSE

These animated procedures has been made to further improve the safety and efficiency of Oceaneering's ROV operations.



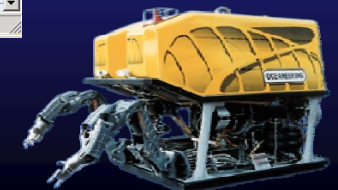
 Corrosion Cap	 Install CTS Unit	 Close Hatch
 Magnum Plus Tether	 Establish GuideWires	 Seabed Survey
 Open Hatch	 Launch and Recovery	 Install VX-Ring

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Allt utstyr som arbeidstakeren skal bære eller holde for å beskytte seg mot en eller flere farer som kan true vedkommendes sikkerhet og helse på arbeidsplassen, og ethvert tillegg eller tilbehør som tjener dette formål.

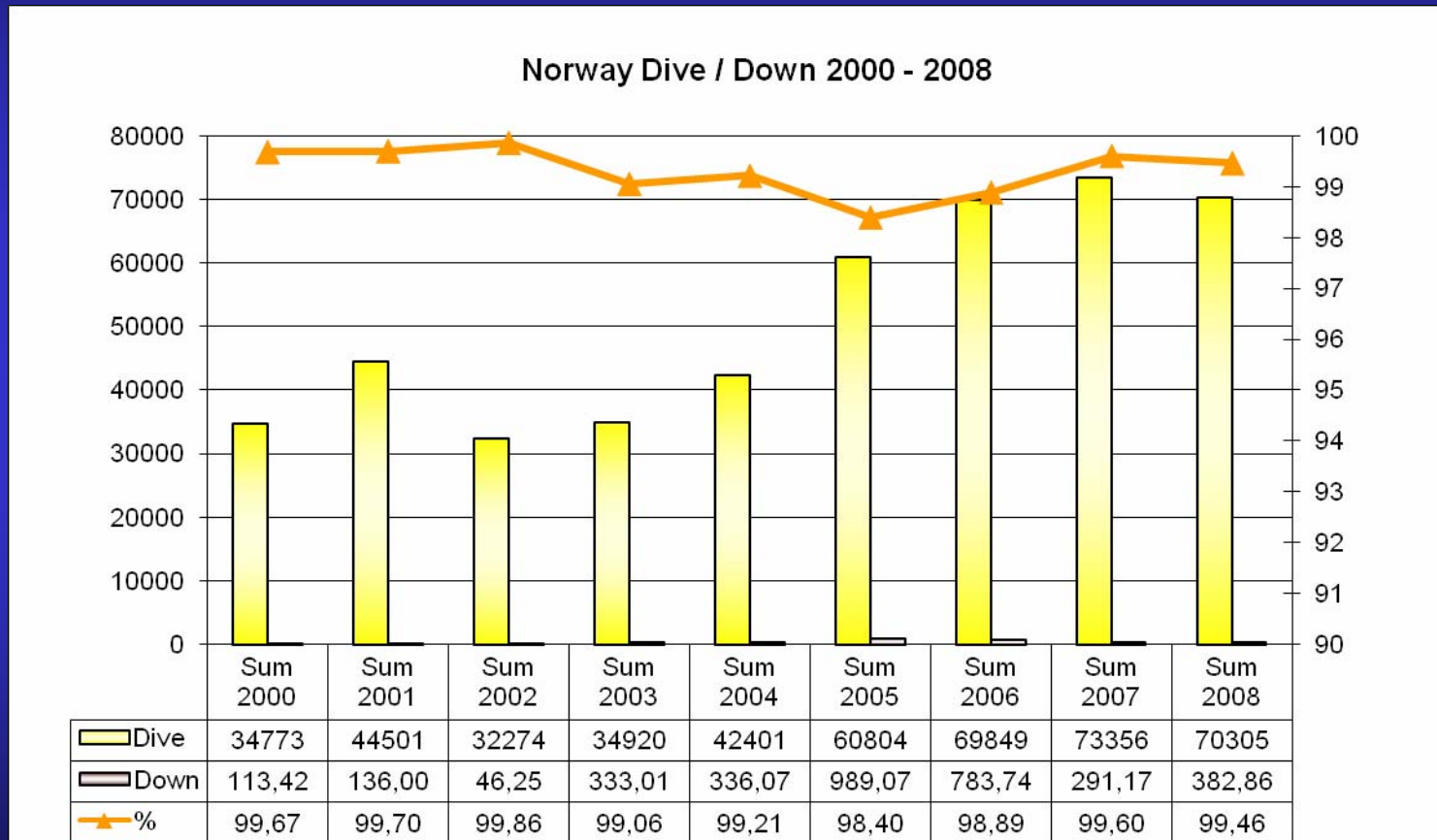
play pause i INTRO

Done Internet 100%



Operasjonsstatistikk / Økt virksomhet

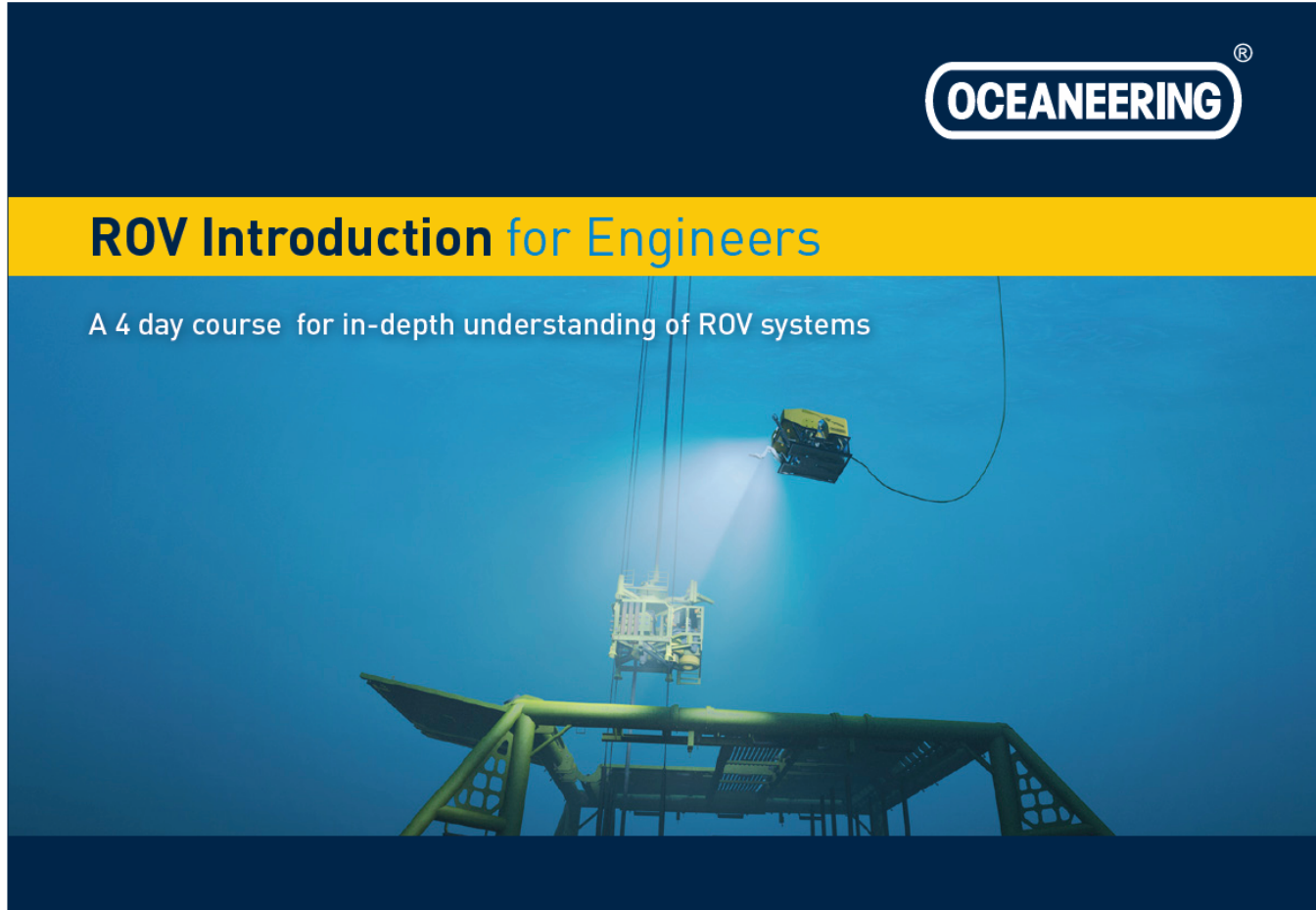
NORSOK U-102 som referanse i kontrakter



ROV Introduction for Engineers

ROV Introduction for Engineers

A 4 day course for in-depth understanding of ROV systems



Praktisk Opplæring ☺



