Petroleum Safety Authority Norway (PSA)

2021-11-09 International Diving Seminar,
Øyvind Loennechen
The PSA in brief


Regulatory responsibility for safety and the working environment in the petroleum industry.

Regulatory authority for offshore wind power (from August 2020).

Reports to the Ministry of Labour and Social Affairs.

About 180 employees.
Ca. 80 fixed installations/platforms
Ca. 50 rigs/units with AOC
300 subsea installations
8 land-based plants
25,000 people
15,400 km subsea pipelines
90 fields in production at 1 Jan 2021

Regulatory authority for offshore wind power (from August 2020)
Diving related contacts in PSA – current situation

Gracefully retired 2021
Olav Hauso, John Arne Ask

Will retire 2022
Bjarne Sandvik

New arrival 2021...
Øyvind Loennechen
The DSYS database - 2020 Saturation diving
The DSYS database - 2020 Saturation diving
The DSYS database - 2020 Surface Supplied

Dødsulykker og Trykkfallsyke ved Overflatedykkning
Fatal Accidents and Decomp. Sickness in Surface Oriented Diving

Antall hendelser
Number of accidental events


Aktivitet - Mann timer i vann
Level of activity - Manhours in water

Trykkfallyske / Decompression sickness
Dødsulykker / Fatal accidents
Aktivitetsnivå / Level of activity
Regulatory changes

New reporting requirements for Surface supplied diving at shorebased petroleum facilities

New industries

- Offshore wind – mandate given to PSA. Regulation under development
- Offshore fishfarming – under discussion
- Offshore mineral extraction – under discussion
Capacity and competence – the key to safety
Focus areas

International industry

• Well established and high standards for HSE

• Good international cooperation (HSE UK / IOGP / IMCA / EDTC / IDRCF / DMAC....)

• High investment in technology, vessels and equipment being assigned to NCS continues

New players in the offshore segment

• Offshore renewable energies (wind, wave, solar & minerals) and large scale ocean based fish farms

• PSA is concerned with level of competency and capacity with both new and existing players
Focus areas

- NORSOK U-100 under revision. Many topics of the standard proposed for change.
- PSA supports the initiative for common European diving table framework which has been a success on NCS since 1991
- Increased focus on Operators competence and management of diving operations through audits
- Support, within our remit, to continued diving medical and research competency in the Norwegian diving industry
PSA Diver Certificates

- New layout under construction
- Improved verification possibilities through the QR code.
- Extended user friendliness for the diver – registering and documenting related training certificates
- Many initiatives in the industry for extended use of QR code. We are open for proposals....
PSA includes diving personnel in bi-annual questionnaire on HSE in RNNP.

Performed first time in 2018
Openness and trust

- Openness is a precondition for the exercise of our supervisory authority.

- Tripartite collaboration (companies, unions, government)

- We publish audit reports, consents, investigation reports, etc, on psa.no. The aim is to spread knowledge and share experience.
Publications

Order publications:
margrethe.hervik@ptil.no

Films

Side by side with the suppliers
How is supervision conducted?
The RNNP explained in one minute
Stronger spotlight on ICT security