

# Mator News

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Mator AS – the separation specialist

## Produced water experience and guidelines

Mators many years of experience from operational optimization and troubleshooting on most of the oil and gas installations on the Norwegian Continental Shelf (NCS) has resulted in a project for a major operator with the following activities:

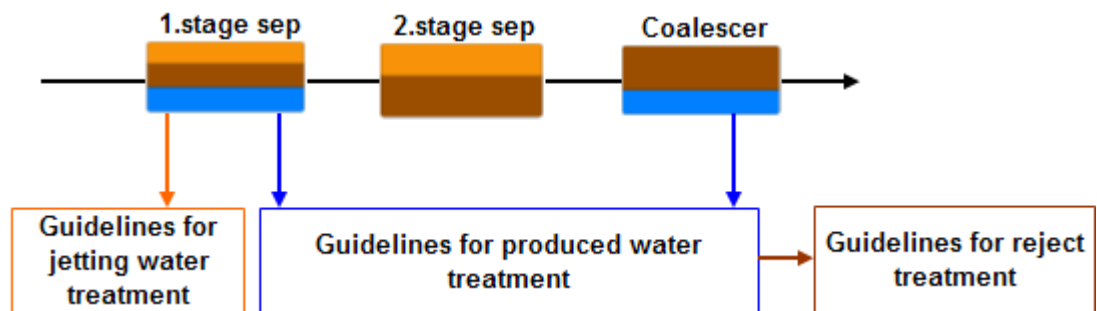
- Assist in establishing a produced water data base.
- Assist in establishing a guideline document for offshore oily water and sand treatment.
- Assist in establishing a technical requirement document for offshore oily water and sand treatment.

**Produced water data base:** An experience transfer project has been conducted in order to gather operational experience from oily water and sand treatment systems at operated fields on the NCS. The data include operational information, technologies in use

with corresponding operational experience, operational problems and how they are solved, ongoing and planned modifications etc. The data has been collected in a well arranged data base.

**Guideline document:** The document covers the produced water and sand treatment system. The document includes issues like environmental risk management, basis for design, description and selection of treatment technologies, system design, and general guidelines for process optimization. The target group is process engineers within projects and operation, and other personnel involved in selection, implementation, and troubleshooting of oily water and sand treatment systems.

**Technical requirement document:** The document includes technical requirements for oily water and sand treatment systems and equipment.



Recent Mator projects:

- ◆ **StatoilHydro Staffjord B:** Process baseline and CTour optimization.
- ◆ **ConocoPhillips Eldfisk:** Study on WiO reduction technologies for the new ELDS.
- ◆ **StatoilHydro Heidrun:** Separator train verification by scanning.
- ◆ **Fred Olsen Production:** Olowi FPSO Gabon oil dehydration/desalting optimization.
- ◆ **StatoilHydro Oseberg A:** Inlet separator verification and optimization.

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