

# Mator News

4/2007

Mator AS – the separation specialist

## Mator offshore Congo for Total

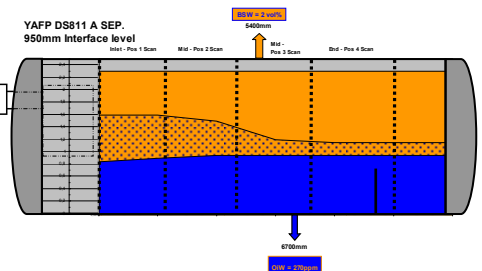
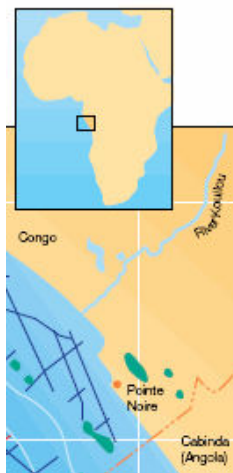
Mator was engaged by Total for a mission offshore Congo. The scope of work was as follows:

- Debottlenecking of separation trains.
- Verify existing separators capacity.
- Establish design basis data.

In order to meet the objectives, the following activities were performed:

- Phase profile scanning of separators at varying load and liquid/interface levels.
- WiO- (BS&W) and OiW measurements at separators inlet/outlet, and throughout each produced water plant.
- Droplet size measurements in order to verify efficiency of installed equipment.
- Logging of process information such as gas-, oil- and water flow rates, wells in production, WC, T, P, interface levels, production chemicals in use etc.

Although quite different facilities and conditions compared to the North Sea, the mission was completed with good results and with valuable new experience.



### Recent Mator projects:

- ◆ **StatoilHydro Statfjord:** Statfjord produced water strategy 2008-2012 study.
- ◆ **StatoilHydro Snorre B:** Separator train, jetting, and produced water system.
- ◆ **Mærsk Tyra:** Produced water system mapping.
- ◆ **StatoilHydro Oseberg C:** Foam inhibitor optimization.

### Mator AS

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