

# Mator News

14/2005

Provider of innovative consultancy services in **gas/oil/water/solids separation technology**

## Qualified by Statoil for separator efficiency measurements using radioactive tracer technology - Mator in alliance with IFE ready for new challenges!

System diagnostics can help you optimise performance, increase throughput, and improve maintenance planning.

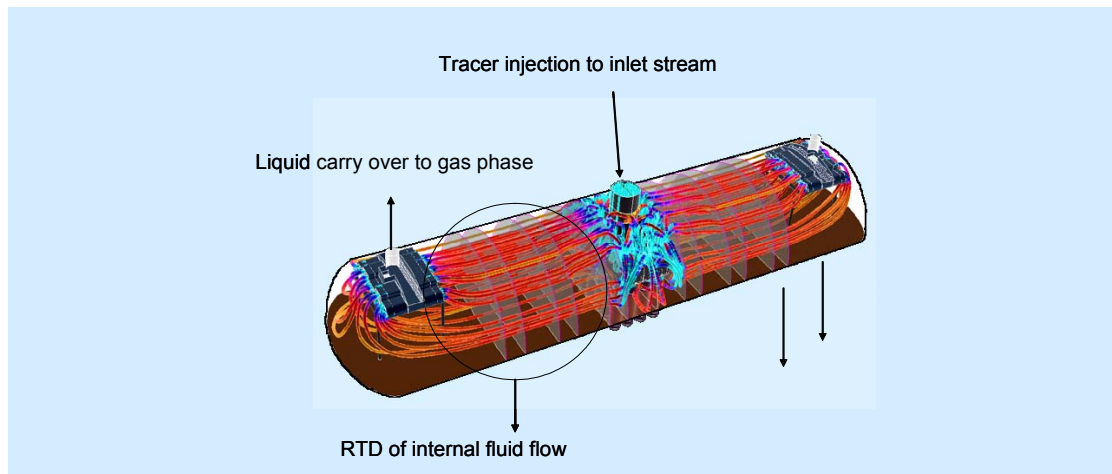
Combined efforts in tracer development, test execution and result handling makes Mator and IFE in a position to offer extended services to our clients. Radioactive tracer technology makes it possible to do in-situ measurements of a range of parameters:

- **Liquid carry-over to gas phase** in separators and scrubbers. Detection and quantification can assist in verification of mechanical integrity of internals, performance at varying operating conditions and selection of carry-over reducing chemicals.

- **Liquid hold-up measurements / RTD (Residence Time Distribution)** can reveal maldistribution caused by emulsion layer, solids build-up or failure of internals in separators or other enclosed systems.

A tracer test is non-intrusive and can be done without upsetting ordinary operation.

Tracers can be tailor made for specific systems to ensure compatibility with actual process. Tracers are available for gas, oil/condensate or water phase. Contact us for a more detail description of how we can assist you!



### Recent Mator projects:

- ◆ **BP Valhall:** Test of new oil/water separation equipment
- ◆ **Total North Alwyn:** Separators emulsion troubleshooting using scanning
- ◆ **Statoil Gullfaks A:** Process separation seminar for production personnel
- ◆ **PGS Ramform Banff:** Produced water mapping and optimizing

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