

Crew Optimization



To bring your rig crew to the next performance level MHWirth's crew optimization services combine Original Equipment Manufacturer (OEM) specialized training with qualified OEM performance optimization instructors.

Our training qualifies your crew to prepare and operate the equipment optimally, as per the OEM sequence description.

In the beginning of the optimization process our highly experienced OEM instructors analyze your crew's competence, using actual operational data from our performance analyzer tool and a detailed competence mapping. This also comprises the use of procedures and an analysis of how the crew runs the equipment.

The resulting performance survey provides our customers with specific areas where there is improvement potential and detailed training recommendations. According to our modular training program, the optimization can include theoretical training, simulator and practical training. All courses can be tailor-made to suit your

needs. During training your crew will benefit from best practice and knowledge transfer from our experienced instructors.

Data from our performance analyzer allow you to track the improvements right after the optimization process.

Crews that have been through our optimization program have achieved increased operational consistency, as well as improved safety and efficiency.

MHWirth's modular training program covers different job requirements and targets all relevant personnel groups on the rig.

- eLearning
- Classroom training
- Simulator training
- Practical training
- Crew optimization

Benefits

- A well-structured OEM training program for each operator role according to actual needs
- Operating the equipment in the most efficient way by following the OEM sequence descriptions
- Up to 40% time savings on selected performance indicators after our crew optimization training

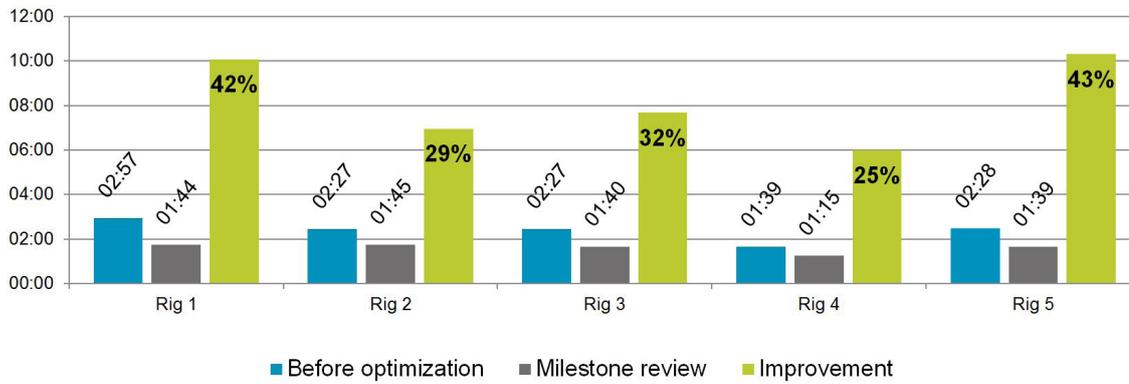


Crew Optimization

Our practical experience from various rigs proves that even very experienced crews benefit from our crew optimization. The time spent on selected operations, such as tripping in hole or drilling and connection had been reduced by more than 40 %, as the graphs below show.

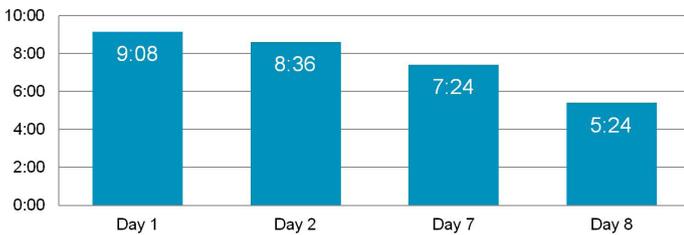
Tripping in hole – time reduction, average (min)

(Crew optimization in simulator)



Drilling - Weight to Weight Time, Average (min)*

* An OEM Performance Engineer assists the drill crew on-board during this time period.



Data is subject to confirmation by the manufacturer.