



Glas Dowr
FPSO /
Bluewater



USAN
FPSO /
ExxonMobil



CLOV
FPSO /
TOTAL



Moho Nord
FPU /
TOTAL



Ichthys
FPSO /
INPEX



BONGA
FPSO /
Shell



Aoka Mizu
FPSO /
Bluewater

Price and duration

The annual member ship fee for Monitas Group participants is 10,000 euro. The total fee for the three years project is 30,000 Euro.

Next meeting

The next meeting will be held on April 13, 2018 during the FPSO JIP Week in UK.

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The group is aiming to further develop the added value of advisory monitoring systems for integrity management by in-depth analysis of measurements, exchange experience, provides software updates, support and training. Benefits for participants are that they are well informed on the possibilities to assess fatigue, up front cooperation with key players and benefiting from industry experience and developments. The Group started as a three years project after which it was evaluated. In April 2018 a second three years phase of the project will start. The Monitas Group allows new participants to join.

Scope of Monitas Group

The Advisory Hull Monitoring System (AHMS) has been installed onboard the Glas Dowr FPSO (Bluewater), the USAN FPSO (ExxonMobil), the CLOV FPSO (TOTAL), the Ichthys FPSO (INPEX), the Moho Nord FPU (TOTAL) and the Bonga FPSO (Shell). In 2018 the AHMS system will be installed onboard the Aoka Mizu FPSO. This turret moored FPSO has been operating at the Ettrick field on the UK part of the North Sea until Summer 2016. It is now being upgraded for production on the Lancaster field, offshore West of Shetland. Next to these FPSOs, there are many more prospects from other FPSOs, both existing and new built, which will be equipped with AHMS in the coming years. Activities of the Monitas Group project will include analyses of the fatigue tool accuracy factors and prediction accuracy factors obtained from the various floaters. Data interpretation and understanding of OCTOPUS-Monitas results from the FPSOs equipped with AHMS is the main scope of work.

Organisation

MARIN will continue their role as organizer and administrator of the Monitas Group. All members will receive regular communications on news, developments and software updates and are invited to Monitas Group meetings which are normally held twice a year. The meetings will be used to define the scope of work for the coming years, to presents and discuss the results, to share experiences and to provide support and or training. Operators, engineering companies, class societies, research institutes and other stakeholders that have not been a member of the Monitas JIP can become a member of the Monitas Group and receive all results of the Monitas JIP with the exceptions of the OCTOPUS-Monitas licenses.

Benefits

The main benefits expected from the Advisory Hull Monitoring System are:

- Prevention of unexpected failures resulting in loss of production
- Rational Inspection, Maintenance & Repair (IMR)
- Improved design of future units
- Rational life-time extension
- "Black Box" function (post-event analysis)
- Advice on operation