



The main purpose of the Position Monitoring System, ParkerPMS™ (formerly named BlomPMS™), system is to increase safety during offshore loading of crude oil.

ParkerPMS™ is a vessel position surveillance system and is basically used for offshore oil loading at various buoy types. The ParkerPMS™ is connected to the vessels positioning systems together with other sensors.

The ParkerPMS™ is designed for shuttle tankers world wide and is engaged when the oil loading procedure starts at the oil loading location. The ParkerPMS™ may also be engaged when travelling elsewhere to document the vessel position and more.

Typical features are:

**Logging:** Collected data is logged for up to 3 years of operation. Logged data may be extracted for analysis.

**Position QC:** Position system is quality controlled for stability and availability. The operator can view this information to determinate if the sensor is healthy or not.

**Position Calculation:** Position data is meaned together and used to present the instant distance to the target and the history of the distances for the last hour.

**Data presentation:** All data are presented on screen using graphical panels. The information given may also be used for manual vessel operation.

**Alarm generation:** Audible/visible alarms for speed, position variance, etc.

**Flow meter:** ParkerPMS™ logs and monitors information from crude oil loading flow meters. ParkerPMS™ gives alarms at pre-defined thresholds.

**Reporting:** Upon request a report containing plots of sensor data, positions and thruster data will be issued. The report can be supported by a video of a ParkerPMS™ recalculation based on the logged raw data.

Position Monitoring System, ParkerPMS™ , for shuttle tankers

Shuttle tankers with ParkerPMS™ and telemetry may provide real time information to the [ParkerRPMS™](#) in the field operating control rooms.

[www.parkermaritime.no](http://www.parkermaritime.no)

