

# K-Gauge CTS



KONGSBERG

## K-Gauge CTS filter for offshore operation and exposed berthing

*Quick filter response time*

*Highly accurate and stable readings*

*Tuned filters for level and trim/list readings*

*Customized filters optional*



### Key features

KONGSBERG Custody Transfer System reports are used as official documentation of the quantity LNG loaded and unloaded.

Steady conditions has been required to be able to run accurate CTS calculations. Recently there is an increased focus on offshore operations and exposed berthing. In such cases means have to be taken to ensure accurate CTS calculations.

KONGSBERG filtering functionality for CTS comprises tuned filters for level and trim/list measurements. The standard certified filters ensure the same outstanding accuracy at offshore operation as for steady conditions within 5 minutes filtering time.

The standard filter and any extra customized filters can be turned on/off without any time delay as several filter characteristics are available at all time. Which value to use in the CTS calculations are chosen by the operator.

KONGSBERG radar based level tank gauge utilizes a unique dual sweep FMCW technology to remove Doppler effect caused by cargo movements. By this technology also the actual wave height and vertical speed of the cargo can be found accurately.

- Filter functionality certified by Intertek.
- Applicable for all tank designs.
- Utilization of unique dual sweep FMCW technology to remove Doppler effect and ensure quick filter response time.
- Possible to customize filters for both shorter and longer filter constants.
- Instant change in which filter is displayed and used in CTS reports, as all filters are enabled at all time.
- Accurate trim/list corrections as trim/list measurements are filtered in the same period of time as the level measurements.

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