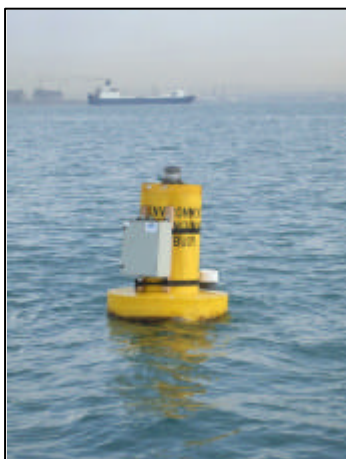


## PORT DREDGING PROGRAM USES ARTEMeS FOR REAL TIME COMPLIANCE MONITORING

30 July 2007

Alphecca Systems are proud to announce the successful commissioning of two real-time measurement buoys to provide environmental compliance monitoring during dredging operations at the port of Fos-sur-Mer in southern France. The region hosts an extensive aquaculture industry, and it is of utmost importance that there is minimal impact on shellfish stocks.

As a result of a partnership between the UK-based GEMS Survey Limited and Alphecca Systems, the ARTEMeS real time environmental measurement system was selected by the Belgian company Dredging International to provide access to measurements of water quality parameters within seconds of their acquisition.



Data are measured using a YSI 6600 water quality probe, and immediately transferred to Alphecca Systems' ARTEMeS server using the GSM phone network. Once delivered to the server, data may be viewed as intelligent display components on a series of secure web pages.

Furthermore, in the event of suspended sediment concentrations exceeding a preset threshold an alert is automatically transmitted by SMS text message to a duty manager on site.

The instruments are expected to be deployed for up to a year.

Examples of the displays available to the client are shown below.

