

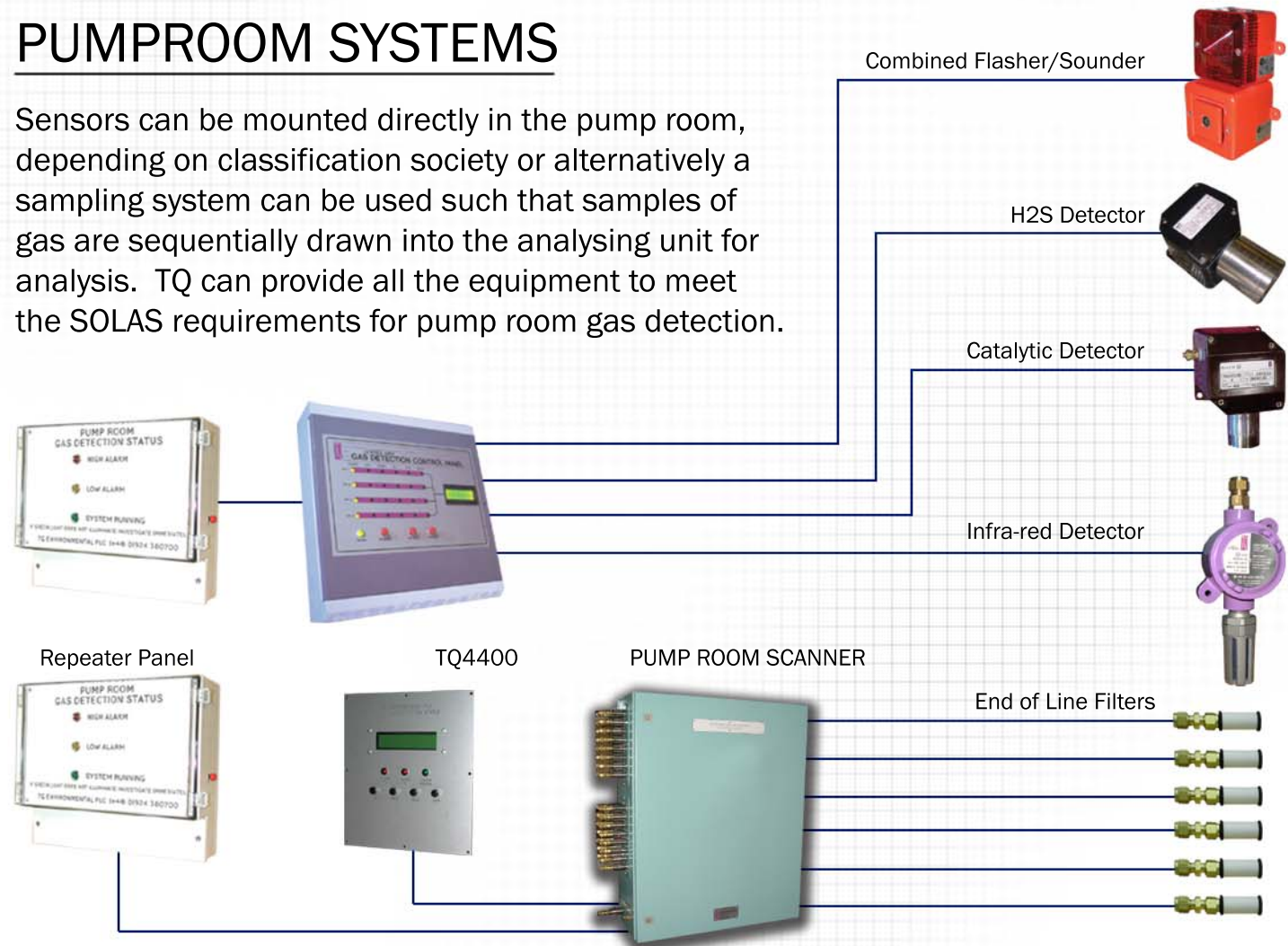


providing total solutions for marine gas monitoring



## PUMPROOM SYSTEMS

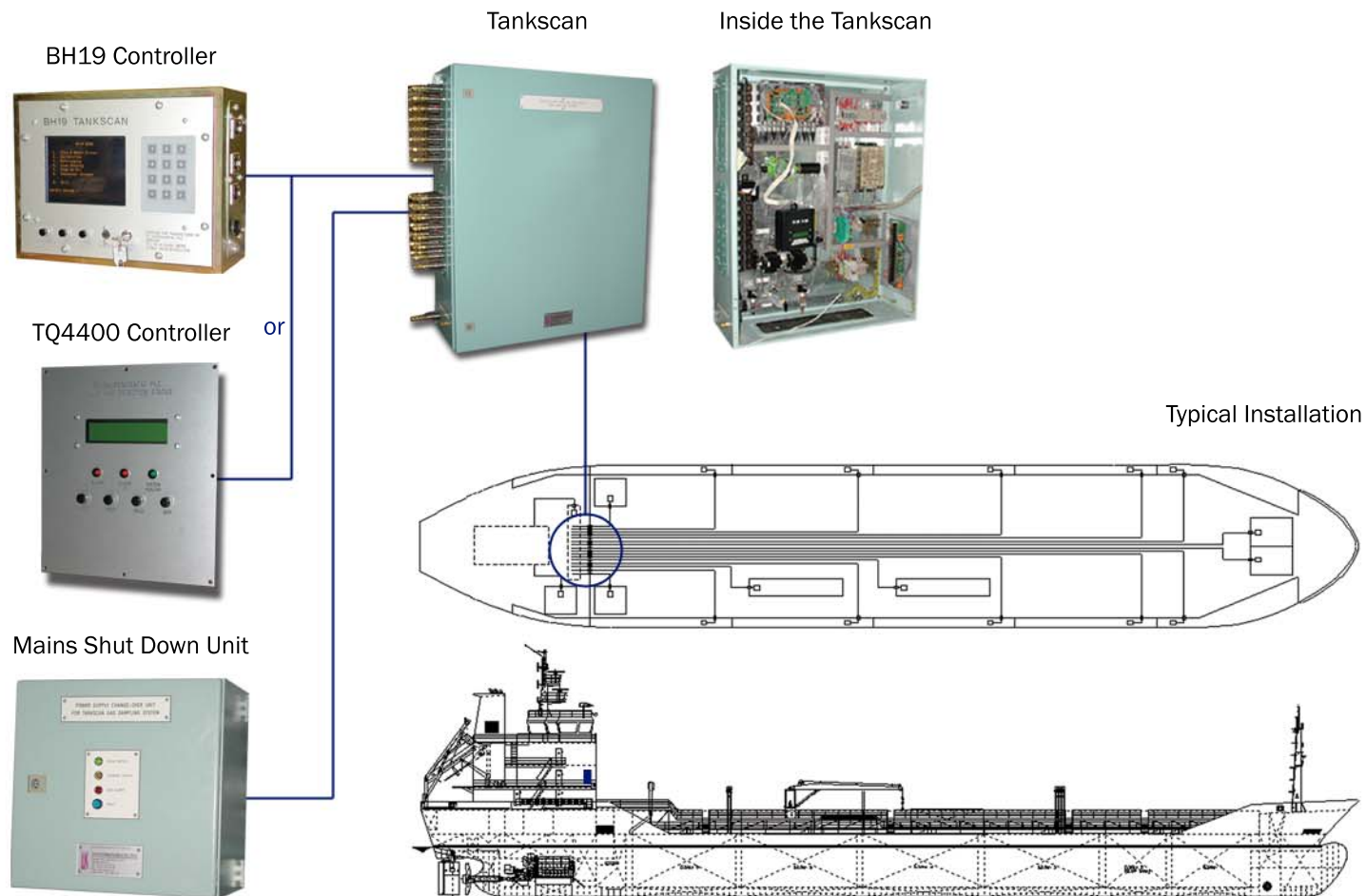
Sensors can be mounted directly in the pump room, depending on classification society or alternatively a sampling system can be used such that samples of gas are sequentially drawn into the analysing unit for analysis. TQ can provide all the equipment to meet the SOLAS requirements for pump room gas detection.





# BALLAST TANK AND VOID SPACE

A typical system would draw gas samples sequentially from each ballast tank and void space and the gas sample would be analysed on an infra red sensor. The sequence and the gas analysis is done by the "Tankscan " Unit which is controlled by the TQ4400 or BH19/20 control units. To prevent water from getting into the sample lines each line is fitted with a TQ "snorkel valve" which automatically closes and opens in the presence of water. Each line is kept 'clean' by using a periodic reverse purge.



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