



GROVELEY DETECTION

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Ultrasonic Mapping Service

What is Mapping?

Ultrasonic Gas Leak Detectors are the only gas detectors where the area of detection can be accurately defined, this is because the detection area covered is governed by two main criteria:

- Physical positioning of the detector
- Background noise level on the plant

A mapping survey allows us to produce a report which will indicate the preferred detector location and the exact area covered by each detector.

By carrying out a survey it ensures all essential plant and equipment is covered by an Ultrasonic Detector, and allows each detector to be set at a specific alarm level to eradicate the potential of any false alarms.

Groveley Survey Technicians can attend both onshore and offshore installations and, using the purpose designed Groveley Mapping Tool, carry out a background noise survey. This would confirm the general plant background noise and identify any high intensity ultrasonic sound generated by specific plant. This information is then loaded in to a unique software programme, developed by Groveley, which will confirm the detector location and coverage.

Reports

A Survey Report would always be produced which would contain the following information:



Fig 2. Groveley Mapping Tool

- Description of the survey carried out
- Map/plan of the surveyed area together with proposed sensor positionings
- Copies of the data taken at site
- Recommendations to mitigate any excessive site background noise
- Advice on specific detector alarm set points

Contact

To arrange a survey date, or for any further information please contact Groveley on: ++ 44 (0)1202 483497

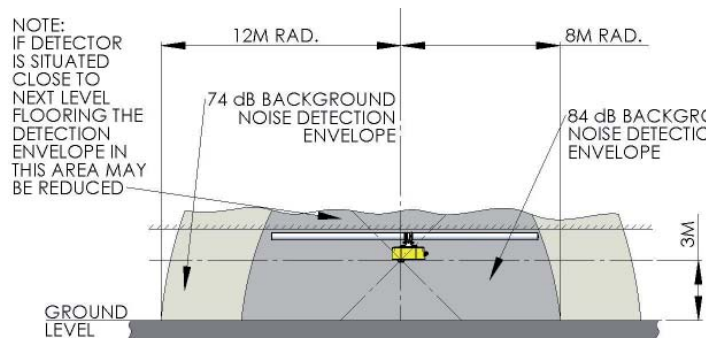


Fig 1. Survey Report Recommendation



Fig 3. Actual positioning of GDU01 on offshore module

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