



## Oil & Gas

Markham J6A ACE 16

Public Address & General Alarm System

Tyco Fire & Integrated Solutions Business Unit: Spector Lumenex, Nottingham

### Scope of Work

Project management, detailed design (electrical and software), system manufacture, testing and commissioning and system 'changeout'.

### Scope of Supply

An ACE 16 PAGA system consisting of:

1x PAGA central equipment single bay containing:

- 1x ACE 16 nodes and associated hubs
- 2x AMPIID frame fitted with 13 x 300 watt and 1 x hot standby AMPIID amplifier
- 2x AMPIID fan assembly
- Associated Field Equipment
- 2 x ACET/16/18/NK Remote Microphone Access Unit
- 1x ACETS01 Intrinsically Safe Muster Unit

### Location of Project

Located in J6A Dutch sector

### Tyco Fire & Integrated Solutions Client

IV Oil & Gas

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CH4 Energy Group Ltd

### Background of the Client

IV Oil & Gas is a multi-disciplinary engineering company. Its key activities include; debottlenecking studies, feasibility studies, compression studies and supply of process and gas equipment.

CH4 Energy group invests in fallow fields in the North Sea gas basin and specialises in the recovery and development of marginal oil 7 gas assets.

### The Project

The equipment is designed for the broadcast of live speech and alarms initiated from the main access units or via the fire and gas panel. Audio is distributed via an industrial 100 volt line to loudspeakers positioned around the complex.

### What was unique about the project?

Tyco Fire & Integrated Solutions provided a seamless system changeover from the original existing Spector Lumenex SDMS system to the new ACE 16 PAGA system.



Spector Lumenex is the leading brand of communication systems designed and manufactured by Tyco Fire & Integrated Solutions. We are able to offer complete compliant solutions for wired communications that provide both operational and life safety systems for onshore and offshore installations and other challenging environments. Our range includes:

#### Public Address and Alarm (PA/GA) Systems:

- ACE 100, 4, 16 (explosion-proof & purged)
- Firephone 400
- VA400 for Public Address & Voice Alarm

#### Mentor Intercom Solutions:

- In-plant paging and alarm solutions
- Industrial intercom
- Platform intercom (Drillers intercom, Mustercom, Shout back)
- Fully integrated intercom solutions
- Office intercom

#### Field Equipment:

- Acoustic Hoods & Beacons
- Junction Boxes, Cabling & Installation Materials
- PABX & Telephone systems for Industrial or Hazardous Area Applications
- Xenon Warning Beacons
- Loudspeakers

For further information contact your local Tyco Fire & Integrated Solutions office on: [tfis.marketing@tycoint.com](mailto:tfis.marketing@tycoint.com) for a brochure or visit our website at [www.tycofis.co.uk](http://www.tycofis.co.uk)

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