Graeme Cameron

Trinity, 2008

Career and Networking Evening
November 2011

Overview

- Oil and Gas Industry
- Wood Group Integrity Management
- Career Thus Far

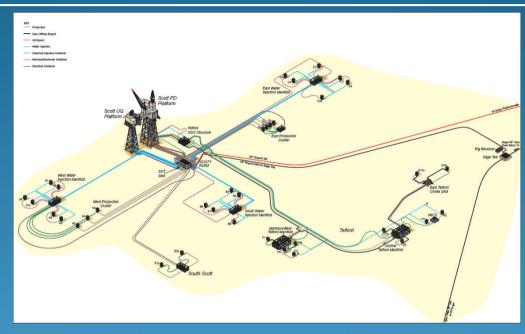
Oil and Gas Industry: Popular Conceptions

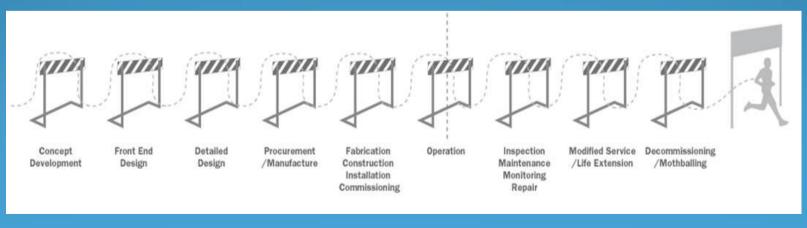
- Dying industry?
 - North Sea
 - Globally



- Environmentally hazardous?
- Blue Collar?

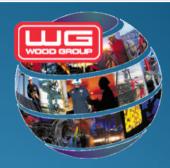
Oil and Gas Industry: Typical Development





Wood Group Integrity Management: Summary





Service company providing oil and gas, and power generation industries with:

- Engineering support
- Production support
- Maintenance management
- Industrial gas turbine overhaul
- Repair services
- ✓ More than 28,000 employees
- ✓ Over 50 countries
- ✓ ca. \$5 billion sales



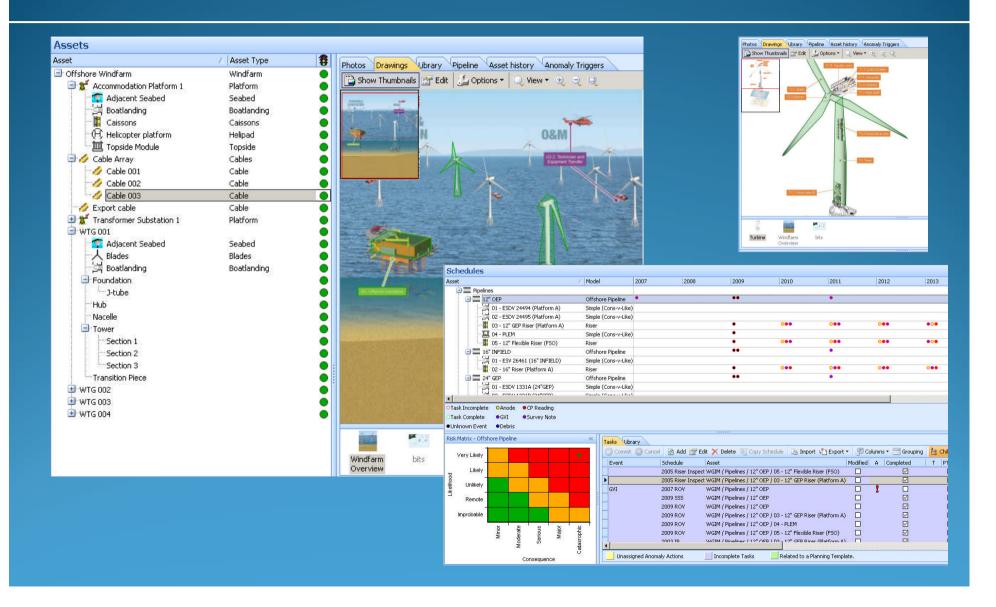
What does WGIM provide?



INSPECTION ENGINEERING & MANAGEMENT :

- Risk Assessment
- Risk Based Inspection
- Risk based Maintenance
- IMMR Planning & Implementation
- Pipeline Repair Planning & Implementation
- Regulator Documentation Development
 & Submission
- Remaining Life Assessment
- Fitness-for-Service Assessment
- Integrity Audits
- Coating &/or Insulation Audit
- Cathodic Protection Audit
- Corrosion Audits
- Life Extension
- Change of Service Assessment
- Non-Destructive Inspection Technology
- In-Line Cleaning & Inspection

Wood Group Integrity Management: Software



Wood Group Integrity Management: Locations



Wood Group Integrity Management: Clients

































































Career Thus Far...

- Trinity 2004 2008
- Part II in Princeton: Block Copolymers
- Joined WGIM Dec 2008

Career Thus Far: Failure Investigation



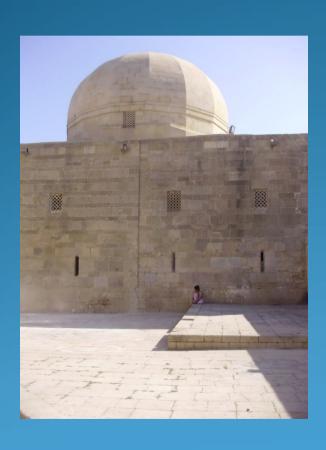
Failure of 2.5" pipe

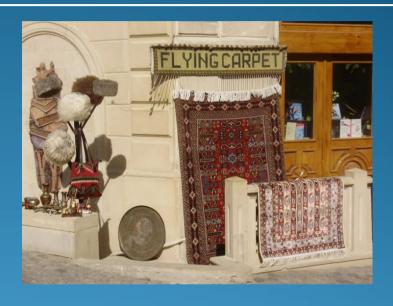
High cycle fatigue plus defects in material

Cost of lost production >£200k per day



Career Thus Far: Baku







Career Thus Far...

- Current role:
 - Technical input for bids
 - Management of team / projects
 - Materials engineering (CP, etc.)

Advantages of Industry

- Always requirement for materials engineers
- Well remunerated
- Reasonable working hours
- Travel opportunities
- Technical and non-technical opportunities

Thank You

Any questions?

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