



## Fixed Installation Integrity Services

### The Challenge

Oil / Gas industry managers are required to optimise production, whilst keeping costs down and complying with increasing demands to improve asset integrity, often with ageing equipment.

Many ageing fields are being given a new lease of life by smaller Operators, who do not have the vast engineering resources of the Oil Majors, yet must still meet all the regulatory standards.

### The Solution

EM&I provide a package of services, supported by in-house engineers, tailored to meet your exact needs. These services focus on ensuring that your pressure systems, structures, hazardous area equipment, lifting equipment and corrosion protection systems remain fit-for-service and compliant with corporate and regulatory requirements.

Our proprietary innovations include the NoMan<sup>®</sup> system which allows for pressure vessels and other confined spaces to be inspected without man entry, using remote cameras, laser scanning and other specialised inspection tools, thus reducing cost and increasing availability of equipment.

The EXI<sup>™</sup> Ex Equipment inspection system uses RBI inspection strategies, non-intrusive NDT and multi-skilled COMPEX certified technicians to minimise work scope, equipment strip down and costs.

Our PSI<sup>™</sup> system is a world leading RBI based service for pressure systems that uses the latest technology methods such as Real Time Radiography (RTR) and Backscatter Computed Tomography (BCT ) to manage CUI and non-intrusive vessel inspections.

The ODIN<sup>®</sup> diverless underwater inspection system is accepted by the major class societies and regulators and eliminates the use of divers and work-class ROVs for fixed and floating installations.

ODIN can also be used for repair or replacement of isolation valves and piping without diving operations thus reducing costs and POB substantially.

### The Benefits

EM&I's experience, global capability and wide service range can provide you with a high value, world class service whatever type of assets you operate.

EM&I's multiskilled rope access teams reduce POB thus enhancing safety and optimising costs.

EM&I's innovative methods reduce risk and increase value to our Clients.

### Track Record

We measure our performance through systems like FPAL and unsolicited testimonials. Our proven track record of satisfied Clients is available on our Website.

Further information is available from your nearest EM&I office who will be pleased to discuss your particular needs. Case Histories and References, demonstrating our capabilities and Client satisfaction, are available on our Website.

### Credentials

Health & Safety – EM&I has an outstanding HSE record and has been granted the RoSPA President's Award in recognition of winning eleven consecutive RoSPA Occupational Health & Safety Gold Awards including five Gold Medals and numerous other international awards.

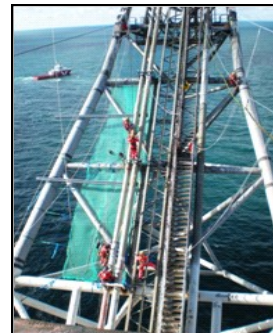
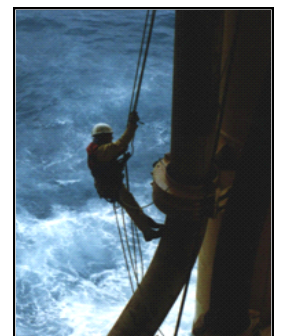
Other safety awards include IFAP Safe Way Safety Achievement Awards and the Leith Offshore Safety Award.

Quality – We assure quality through accredited ISO 9001 and ISO 17020 management systems and seek continuous improvement by measuring Client satisfaction through FPAL and regular Stewardship Reviews.

Compliance – EM&I's methods are approved by Classification Societies and accepted by regulators worldwide.

Rope Access – EM&I have been a Full Member of IRATA since its inception in the 1980s.

HITS JIP – EM&I have a leadership role in the Hull Inspection Techniques and Strategy (HITS) JIP whose members include Oil Majors, Classification Societies, Regulators, Lease Operators and service companies.



## Fixed Installations



HAE  
Management



Pressure System  
IRM



Flare IRM



Structural  
Inspection



Piping / Vessel  
R&M



Structural R&M



Corrosion Protection



Riser Inspection



Integrity /  
Compliance  
System



In-Water  
Corrosion Protection



In-Water inspection



Lifting Gear

## Integrated Services

EM&I's proven technical and project management capability means we can deliver complete projects letting you focus on your core business.

Our in-house service capability includes Asset Integrity Systems, Inspection, NDE, Maintenance & Repair, Corrosion Management, Cathodic Protection, Safety, Environmental and Engineering services.



Visit our Website:- [www.emialliance.com](http://www.emialliance.com)

