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Imes has a proven track record in the delivery of engineering services to the defence industry. Our portfolio includes engineering consultancy, instrumentation design and manufacture, dedicated workshop and test facilities and field engineering personnel for on-site applications.

defence

### IMES' GLOBAL NETWORK



#### Imes Group

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#### UK

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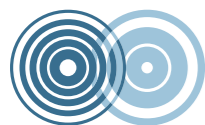
#### USA

Los Angeles: Tel 001 909 626 8316 Boston: Tel 001 781 659 6897

#### Australia

Perth: Tel 00 61 8 9361 0256





Imes has a proven track record in the delivery of engineering services to the defence industry. Asset integrity can be assured by engaging Imes to deliver services that ensure safety, legislative compliance and equipment availability.

Imes works extensively in the defence industry offering a range of products and services to support the preservation and extension of essential and safety critical client assets.

**delivering complete solutions to clients, including:**

- UK MoD
- Royal Navy
- Royal Fleet Auxiliary
- Royal Australian Navy
- Canadian Navy
- NAVSEA
- Lockheed Martin

Imes delivers Specialist Technical Services for structures, cranes, lifting equipment and pressure systems to the defence industry. Our portfolio spans services and products across the whole asset life-cycle from early conceptual design through installation, commissioning, operations and lifecycle extension and de-commissioning.

Imes delivers monitoring packages which support its written schemes of examination, thereby providing real time information on critical asset operation. The information generated is collected and analysed using our specially designed software programmes, resulting in early fault detection and predictive failure. This process optimises both asset capability and reliability. When implemented in conjunction with our specialist inspection tools it can also predict an asset's remaining useful life.

## WHAT WE DELIVER

### TECHNICAL ADVISORY SERVICES

- inspection & survey services
- design engineering & consultancy
- new build design review and manufacturing audit
- structural engineering integrity services
- defect analysis including NDT services
- risk and reliability based management programmes

### MANAGED SERVICES

To support availability, compliance and safe operation of critical assets, Imes delivers a range of managed services enabling our clients to make informed knowledge based management decisions.

- lifting equipment management & certification services
- certification database development
- LOLER, PUWER and Merchant Shipping Act compliance audits
- pressure system inspection and verification
- cost reduction strategic development and implementation
- equipment asset tracking
- centralised procurement and inventory management

### SYSTEMS ENGINEERING

Imes designs and installs a range of monitoring systems to support defence clients operating across the globe. From development of novel sensors technologies to custom software, Imes can deliver solutions for:

- anchor load monitoring systems
- winch load monitoring systems
- crane load indicator systems
- rapid prototyping and custom monitoring solutions
- telemetry & cabled links and shackles
- cable tension monitoring systems
- strain gauging systems
- crack detection monitoring

### TRAINING

Imes designs, develops and delivers a range of training and mentoring programmes, both in-house and at client's premises, to enhance competencies of technical and management personnel in areas such as:

- lifting equipment operation
- lifting equipment examination
- regulations and compliance (eg LOLER)
- competency assessment

Through a range of accredited courses, Imes can deliver solutions from short-term individual modules through to industry recognised qualifications.