

Radio Systems Marine Oil and Gas Projects



Radio Systems Limited

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RSL Profile

The core business of RSL is in the design, supply and commissioning of multidiscipline technology systems that loosely fall within a 'communications' wrapper both within the UK and overseas.

The company consists primarily of technical personnel, supplemented by a lean team of support staffing. This enables pricing to Clients to be highly competitive, without compromising Quality.

RSL has ISO9001, ISO14001 and ISO 18001 accreditation and Insurance of £10m each in respect of Employers, Public and Product Liability together with the same cover for Professional Indemnity. All include airside and offshore working.

RSL has been incorporated for over 25 years and has a healthy financial standing. It is therefore a low risk partner in terms of its financial bearing and longevity of support.

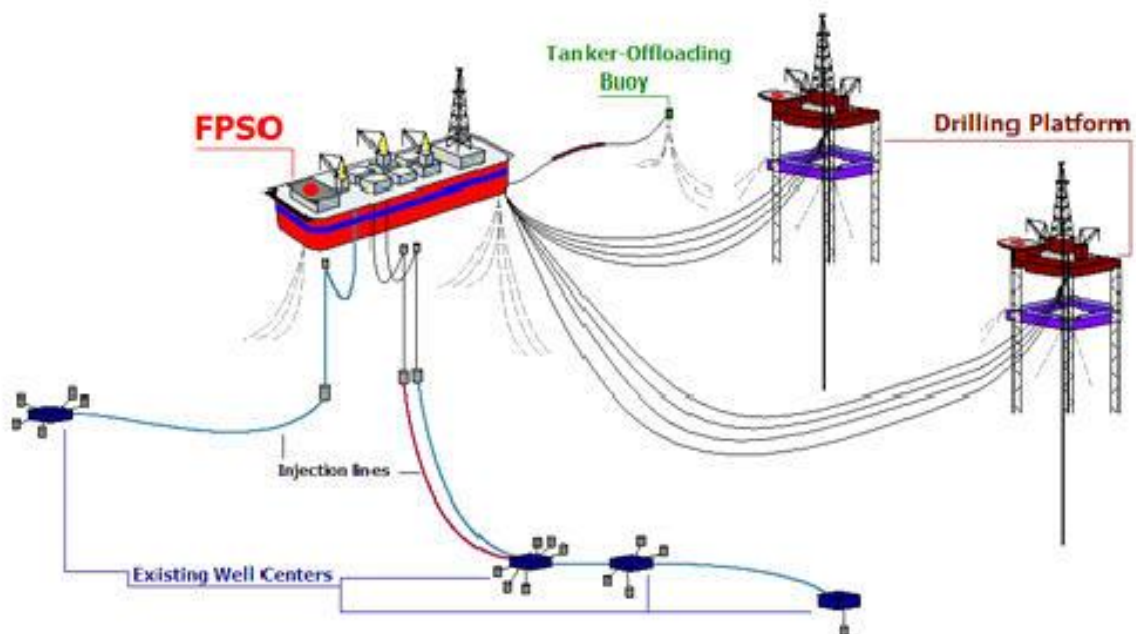
Technical support is available from the RSL in house R&D team, in house third line workshops or Field Support Engineers. RSL has a long association with the MOD and many of the support staff have DV clearance. Where required for offshore works, staff are BOSIET certified.

Radio Systems History of Marine Oil and Gas Projects

July 2011. Radio Systems delivers six figure USD ATEX order for FPSO Vessel

One of Radio Systems strengths lies in its independence, flexibility and wide product portfolio from a range of business radio manufacturers. Over many years we have built a reputation for supplying ATEX certified products to oil and gas industry installations.

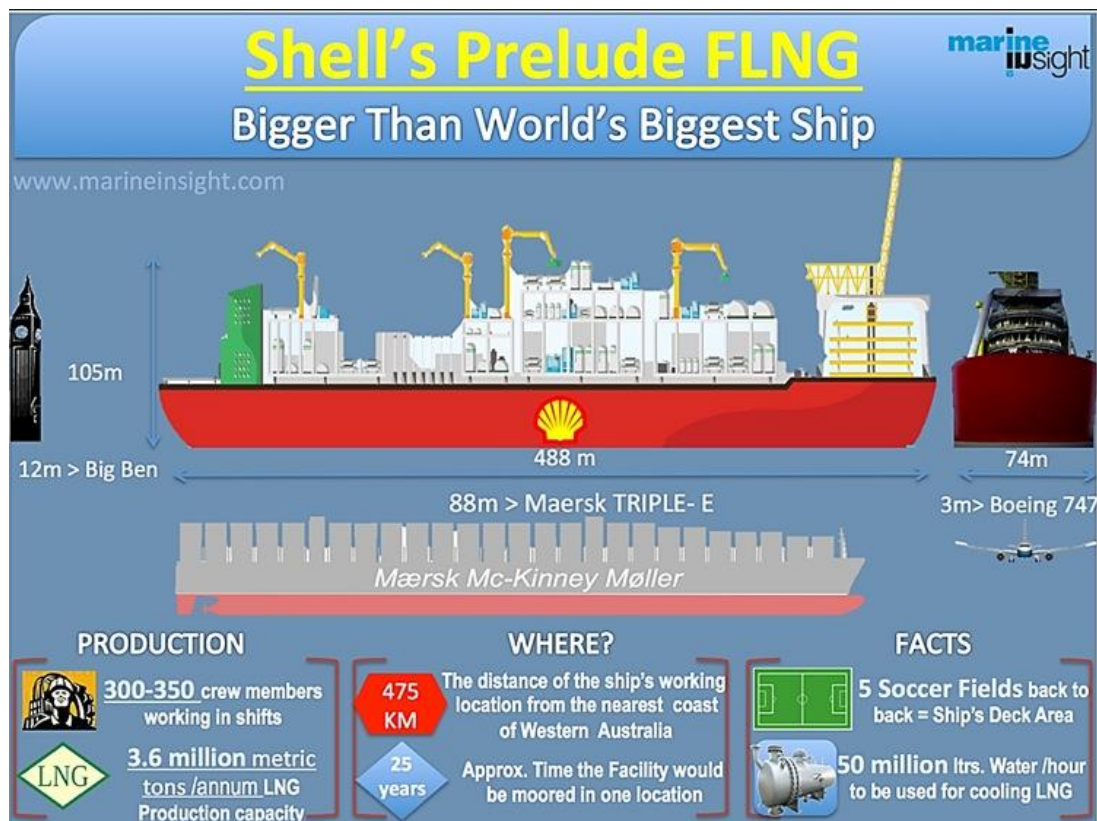
This made Radio Systems a leading candidate to supply radio equipment for both ATEX MPT1327 and ATEX Marine Band operation on a new Floating Production, Storage and Offloading (FPSO) vessel constructed in the Far East. After being built, the FPSO was deployed off the coast of Angola in the CLOV oilfield development.



The equipment supplied by Radio Systems forms an essential and safety critical element of operations. Having been selected as best value for money, the order, valued in six figures was fulfilled with another first class delivery into the Far East.

August 2012. Radio Systems delivers six figure USD order for Shell Prelude

Following the successful delivery of the FPSO order, RSL were awarded the contract to supply similar on board and helicopter communications equipment by the same Contractor engaged for fitting out the Shell Prelude, one of the biggest and first FLNG vessel in the World.



Quote from Shell

‘Hundreds of engineers from across the world have combined their experience and expertise to design the world’s largest floating offshore facility. It will be used to help open up new natural gas fields at sea that are currently considered too costly or difficult to develop.’

October 2012. Radio Systems awarded the six figure GBP contract for the complete Telecom package for the Petronas West Dyarbekir Oil Production Platform in the Caspian Sea

In an increasing competitive and cost conscious market place areas of wastage and risk have become ever important. In the past, common practice would have been for Clients to obtain say radio equipment from a radio specialist, CCTV from a CCTV specialist, networking equipment from an IT supplier etc. Whilst this approach resulted in perfectly serviceable sub systems, integration into a single coherent system left split accountability and at worst incompatibility.

Were all subsystems to be sourced through one supplier who also bore the additional sole responsibility for integration, then risk and cost could both be contained but only where the technology employed in all sub systems was properly understood and where all required commissioning and integration skill sets existed in house.

Radio Systems is such an organisation



The Telecom package required the system design, build and FAT in the UK with installation, commissioning and SAT in Turkmenistan and offshore in the Caspian Sea.

Telecom sub systems consist of the following.

- UHF Operational Radio
- VHF Marine Radio
- Microwave links between platforms
- Telephone sub system
- Cisco Routers for comms and Instrumentation traffic
- Networked CCTV sub system
- Seismic Detection sub system
- NavAids

All stages of delivery have been Project Managed by RSL, to include commissioning on site and SAT. The As Built Vendor Data Book, consisted of three thousand pages of documents.

April 2013. Radio Systems awarded the six figure GBP contract for the complete Telecom package for the Petronas Central Dyarbekir Oil Production Platform in the Caspian Sea



Following the success of the West Dyarbekir project, RSL were awarded a similar contract for the Central Dyabekir platform.

As of June 2015, the FAT has taken place, equipment shipped and partial installation has been completed in the Turkmenistan construction yard.

April 2014. Radio Systems awarded the six figure GBP contract for the complete Telecom package for the Petronas Garagol Deniz West Oil Production Platform in the Caspian Sea



Again, following the success of the two Dyarbekir projects, RSL were awarded a similar contract for the Garagol Deniz West platform. As of June 2015, the FAT has taken place and equipment shipped, pending installation in Turkmenistan

December 2014. First of six orders (6 x five figure Euro) placed by SapuraKencana of Brazil with Radio Systems for the supply of UHF operational, VHF Marine and VHF Airband equipment for 6 pipe laying vessels being constructed by IHC in the Netherlands.



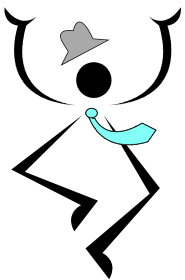
The first four vessels have now been built to include equipment supplied by RSL. The remaining two deliveries will be in November 2015 and March 2016.

Radio Systems Services



The success and effectiveness of any project is reliant upon a whole range of skills and no matter how good the building blocks of a system might be, without those essential skills, projects can still fail to deliver.

The Radio Systems team is qualified, experienced and moreover understands all the critical steps necessary for a first class delivery



- Requirements capture and documentation
- Site surveys and propagation studies
- Feasibility studies
- Project Management and Budget Control
- Risk analysis and mitigation
- Preferred component procurement
- In house software and hardware development
- Component manufacturing facilities in ISO9000 environments
- Quality Management and Control
- Factory assembly of systems
- Originating and implementing Factory Acceptance Test Documentation
- Production of Method Statements and Risk Assessments
- Site preparation
- Site commissioning
- Originating and implementing Site Acceptance Test Documentation
- As Built document pack production
- Escrow Agreements
- Warranty
- Maintenance and Support contracts

Radio Systems Certification

Radio Systems adheres to all current UK and EU legislation, has been certified by NQA and is regularly audited for continued compliance.



ISO9001 Quality Certification



OHSAS18001 Health and Safety Certification



ISO14001 Environmental Certification



Compliant with Waste Electrical and Electronic Equipment Regulations 2006

Radio Systems Contacts

The Radio Systems team is always ready to adopt a no obligation consultative sale approach.

For initial discussions, contact details are as below.

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