

SENIOR CONTROL & INSTRUMENTATION ENGINEER

EURONAV ATHENS OFFICE

Company Profile

Euronav owns, operates, and manages a modern fleet of ocean going tankers. We are dedicated to the safe, clean and reliable transport of crude oil worldwide.

We strive to engage, empower and reward our people, both onboard and ashore. The combination of young vessels, experienced staff, performance culture, and in-house management enables us to achieve outstanding growth and sustainability in an extremely competitive industry.

Please visit www.euronav.com

Position Profile and Requirements

PRIMARY AIM

Euronav has invested in a high-scale innovative project, called FAST (Fleet Automatic Statistics & Tracking), of which the main objectives are firstly to collect telemetry data of the fleet and secondly to develop a web-based platform for optimizing operations, making use, among others, of the telemetry data.

The Fleet Data Management team is formed to monitor, maintain and continuously develop the newly installed data acquisition system which is responsible for collecting the telemetry data.

The Instrumentation Engineer will join the Fleet Data Management team, based in Athens, aiming to provide his technical expertise on a number of hardware and software-based C&I (Control & Instrumentation) systems of the fleet. His/her role will be to analyze data requirements, develop SCADA projects, data quality optimization, technical support to the fleet, and further develop Euronav's DAS (Data Acquisition System).

ROLES AND RESPONSIBILITIES

Design of DAS

- Define and analyze requirements and implement changes on SCADA

Roll-out activities (new vessels)

- Read installation drawings of each new installation and develop SCADA projects
- Liaise with external parties for collecting their data
- Analyze vessels' particularities and configure SCADA projects
- Liaise with IoT Edge developer for ensuring data transmission

DAS Supervising and Support

- Monitor the telemetry data and tackle data issues

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- Optimize the telemetry data quality
- Maintenance and fine tuning of SCADA projects
- Liaise with our partners for troubleshooting
- Coordinate with the vessels and Technical dept for troubleshooting
- Ensure constant telemetry data flow

Enrichment of DAS

- Follow the market for enriching our DAS
- Run new projects for implementing new technologies (new types of sensors)

PROFILE

Formal education: Bachelor's Degree in Electrical, Electronic or Automation Engineering

Experience: Working experience of at least 5 years in industrial automation, control and instrumentation

Other qualifications:

- Knowledge and experience in the marine or/and oil and gas industry is an advantage
- Knowledge and experience in similar data acquisition projects is an advantage
- SCADA packages (Knowledge of Ignition SCADA, Indusoft Web Studio, InTouch and software is an advantage)
- Industrial communication protocols (Modbus RTU, RS-232, RS-485, Modbus TCP, NMEA)
- PLC (Schneider Quantum and Premium to M340 and M580, Unity Pro)
- Remote I/O Modules by Advantech (ADAM-4117, ADAM-6017, ADAM-4150 etc.)
- Robust understanding of electrical engineering principles for developing and maintaining Controls and Instrumentation systems
- Controls instrumentation, i.e. setting up pressure transmitters, level transmitters, flow transmitters, etc
- Electrical Design Packages (AutoCAD etc.)
- Microsoft Development Packages (Microsoft Office, Word, Excel, SQL)

Languages: Fluent English written and spoken; any language additional to native is an asset

Contact Information

Please send your CV mentioning the job title you are applying for to the attention of: hr.cv.gr@euronav.com
