**Systems Engineer**

**Position Information**

Primary Location: Onboard SAGA, alongside in Squamish B.C (Woodfibre Rd, Squamish, BC V0N 1T0)

Employee Status: Rotational

No. of Vacancy: 2

Company Operating Name: Bridgemans Services Group LP (Bridgemans Crew Management Ltd.).

Business Address: 2512 Yukon St, Vancouver, BC V5Y 0H2.

Terms of Employment: Rotational schedule

Language of Work: English

Benefits Package offered: Vessel Protection and Indemnity Insurance

Contact Information: 604-210-5232, careers@brgmans.com

**The Company**

Bridgemans Services Group LP (Bridgemans Crew Management Ltd.) provides flexible, full-service vessels for industrial workforce accommodation, logistics, and ferry service at any location throughout the world. BSG customizes services to the exact needs and locations of clients, ensuring that solutions meet precise specifications, including logistics, crew transfers, housekeeping, catering, and the fulfillment of all HSE requirements.

**The Opportunity**

The role of the Systems Engineer is to ensure the smooth operation and maintenance of various technical systems and equipment onboard. Your primary responsibility will be to oversee and manage the ship's complex engineering systems, including power generation, propulsion, HVAC (heating, ventilation, and air conditioning), plumbing, electrical systems, and other related infrastructure. Work with a team to ensure the safe and efficient functioning of systems, providing a comfortable and enjoyable experience for passengers and crew.

**Key Responsibilities**

Reporting to the Chief Engineer, responsibilities and essential job functions include, but are not limited to, the following:

* Engineering Systems Management: Support of monitoring, operating, and maintaining critical shipboard systems, including power generation, propulsion, HVAC, plumbing, electrical systems, and other related infrastructure.
* Preventive Maintenance: Support in the development and implementation of a preventive maintenance program to ensure optimal performance and reliability of the ship's systems, conducting regular inspections, servicing, and repairs as necessary.
* Troubleshooting and Repairs: Diagnose and resolve technical issues or malfunctions in a timely and efficient manner, coordinating with the onboard team to minimize disruption to guest services and operations.
* Safety and Compliance: Adhere to and enforce all safety protocols, regulations, and classification society standards to guarantee the ship's compliance with international maritime regulations, industry guidelines, and best practices.
* Documentation and Reporting: Maintain accurate records, logs, and reports related to maintenance activities, inspections, repairs, spare parts inventory, and equipment performance. Prepare reports as required by the ship's management.
* Team Collaboration: Work closely with other departments and crew members, including other engineers, technicians, electricians, and officers, to ensure effective coordination, cooperation, and communication for the smooth functioning of all shipboard systems.
* Emergency Response: Participate in emergency drills and respond promptly to any onboard emergencies or breakdowns, assisting in crisis management and troubleshooting technical issues under pressure.
* Training and Development: Stay updated with the latest technological advancements and industry trends, actively seeking opportunities for professional growth and development.

**Qualifications**

* 3-5 years of previous experience as a Systems Engineer or in a similar role within the maritime industry, preferably onboard a cruise ship or other passenger vessel
* STCW Reg. III/1 officer in charge of an engineering watch in a manned engine-room or designated duty engineers in a periodically unmanned engine-room industry, preferably onboard a cruise ship or other vessels.
* STCW Reg. VI/1 safety familiarization, basic training and instruction for all seafarers
* STCW Reg. VI/2 proficiency in survival craft, rescue boats and fast rescue boats
* STCW Reg. VI/3 advanced fire fighting
* STCW Reg. VI/5, competence in medical care
* STCW Reg. VI/6 security-related training and instruction for all seafarers
* STCW Crisis management and human behaviour training
* STCW Crowd management training
* STCW Special training for Ro/Ro passengers ships
* Microsoft office knowledge
* Strong technical knowledge and expertise in shipboard systems, including power generation, propulsion, HVAC, plumbing, electrical systems, and related infrastructure.
* Proficiency in troubleshooting and maintenance techniques, with a solid understanding of marine engineering principles and practices.
* Familiarity with relevant international maritime regulations, classification society standards, and safety protocols.
* Excellent problem-solving skills and the ability to make sound decisions quickly in high-pressure situations.
* Effective communication and interpersonal skills, with the ability to collaborate with diverse teams and adapt to a multicultural working environment.
* Physical fitness and the ability to work in confined spaces and challenging maritime conditions.
* Fluent in English, both written and spoken.

**Working Conditions**

* Constant standing and walking throughout shift
* Frequent lifting and carrying up to 50lbs
* Frequent kneeling, pushing, pulling and lifting
* Occasional ascending or descending ladders, stairs and ramps

At Bridgemans Services Group LP (Bridgemans Crew Management Ltd.) we believe that each employee contributes directly to our growth and success. We are committed to workplace excellence, safe work environments and the communities where we work and live. Bridgemans Services Group LP (Bridgemans Crew Management Ltd.) hires on the basis of merit and is committed to Employment equity and development.