

SOW RAJAN LOUIS

RESUME

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1088, Jalan Nusari Aman 4/1,
Nusari Aman 2 (Ratna 2),
71950 Bandar Sri Sendayan,
Negeri Sembilan, Malaysia
Contact: 013-3723272
E-mail: sowrajanlouis@gmail.com



OBJECTIVE

Responsible and challenging position using and amplifying my knowledge in areas of engineering, with opportunities to work with others, as well as to apply my leadership and problem-solving skills.

EDUCATION

JUNE, 2023 – NOVEMBER, 2024	Akademi Laut Malaysia (ALAM). Chief & Second Engineer Officer (Motor) Unlimited Voyage.
DECEMBER, 1996 – MAY, 2000	Akademi Laut Malaysia (ALAM). Diploma in Marine Engineering.
DECEMBER, 1991 – OCTOBER, 1994	Sekolah Menengah Kebangsaan Tampin. Secondary Education - Sijil Pelajaran Malaysia (SPM).
DECEMBER, 1990 – OCTOBER, 1993	Sekolah Menengah Kebangsaan Senawang, Seremban.
DECEMBER, 1983 – OCTOBER, 1989	Sekolah Kebangsaan Senawang, Seremban. Primary education – Ujian Penilaian Sekolah Rendah (UPSR).

WORKING EXPERIENCES

BAHRI SHIP MANAGEMENT

JOB POSITION: **3RD ENGINEER**

VESSEL: **SHAYBAH (VLCC)**
14th September 2022 – 24th January 2023

VESSEL: **ABQAIQ (VLCC)**
19th May 2022 – 08th September 2022

VESSEL: **KARAN (VLCC)**
08th May 2021 – 05th December 2021

VESSEL: **SAFWA (VLCC)**
22nd September 2020 – 17th January 2021

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

- a) Generator/Alternator engines including emergency generator. Generator type:
 - Main Generator
 - Emergency Generator
- b) Boilers.
- c) Auxiliary machineries related to running of main generators and boilers.
- d) Main engine fuel injectors, starting air valve and fuel pump shock absorbers.

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti-pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them safely if possible.

WORKING EXPERIENCES

POS LOGISTICS BERHAD

JOB POSITION: **3RD ENGINEER**

VESSEL: **MV POS LOGISTICS 2 (BULK CARRIER)**
15th November 2019 – 6th May 2020

VESSEL: **MV POS LOGISTICS 1 (BULK CARRIER)**
08th April 2019 – 14th September 2019

VESSEL: **MV POS LOGISTICS 2 (BULK CARRIER)**
05th July 2018 – 13th December 2018

VESSEL: **MV POS LOGISTICS 1 (BULK CARRIER)**
07th December 2017 – 22nd April 2018

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

 e) Generator/Alternator engines including emergency generator. Generator type:

- Main Generator
- Emergency Generator

 f) Air compressors.

 g) Rescue and lifeboat engines.

 h) Boiler.

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti-pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them safely if possible.

WORKING EXPERIENCES

LOGISTINE SHIP MANAGEMENT SDN BHD

JOB POSITION: **3RD ENGINEER**

VESSEL: **MV DUYONG DUA (MPV)**
20th July 2016 – 22nd September 2016

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

- i) Generator/Alternator engines including emergency generator. Generator type:
 - Main Generator
 - Emergency Generator
- j) All engine room pumps.
- k) Rescue boat engines.
- l) Emergency fire pump.

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti-pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them safely if possible.

WORKING EXPERIENCES

EFOGEN SHIP MANAGEMENT SDN BHD

JOB POSITION: **3RD ENGINEER**

VESSEL: **CARIMIN AIRIS (AHTS – DP1)**
24th February 2016 – 25th May 2016

EFOGEN ALTAMIS (AHTS – DP1)
9th November 2015 – 2nd February 2016

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

- a) Generator/Alternator engines including emergency generator. Generator type:
 - Main Generator: 2 X CAT3412C 405kW @ 1500rpm
 - Emergency Generator: Cummins C110D5S @ 80kW/100kVA Prime Rating
- b) All engine room pumps.
- c) Rescue boat engines.
- d) Emergency fire pump.

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti-pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them safely if possible.

WORKING EXPERIENCES

LEIGHTON OFFSHORE

JOB POSITION: **ASSISTANT ENGINEER** (Machinery Operation & Maintenance Engineer)

VESSEL: **PLB LEIGHTON STEALTH** (PIPE-LAY BARGE)

PROJECTs:

03 Mar 2014 - 26 May 2014	ONGC, Bombay High, India Topside Modification PRP-III – Season II / HRD Phase II
20 Nov 2013 - 31 Jan 2014	Tecnip Shipyard, Batam – Repair and maintenance.
24 Sept 2013 - 06 Nov 2013	PERTAMINA 12” Sub-sea Pipeline Installation Project, Balangon – Indonesia. Installation of pipeline and Riser.
19 Aug 2013 - 16 Sep 2013	Dry dock World, Singapore – Repair and maintenance.
02 Apr 2013 - 20 Aug 2013	Shell Bukom SBM 48” Sub-sea pipeline repair project, Singapore. Installation of SPM system, Installation of PLEM, Installation of 48” pipeline, Cut and removal of the existing 48” Pipeline.

JOB DESCRIPTION:

- * In charge of operation and maintenance of all machineries in the engine room and pump room.
- * Responsible for running hours, parameter reading and maintenance report of generators, emergency generator, harbour generator, hot water calorifier, pumps, sewage treatment plant, Oily bilge separator and RO Watermaker.
- * In charge of fuel and water bunkering according to the company safety guidelines.
- * To carry out maintenance accordingly to the company planned maintenance system.
- * Comply with principles and guidance for keeping safe and efficient engine room watch.
- * Anti-pollution measures to be uphold at all times.
- * Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them if safely possible.

WORKING EXPERIENCES

ORKIM SHIP MANAGEMENT

JOB POSITION: **THIRD (3RD) ENGINEER**

VESSEL: **M.T. ORKIM POWER (Product Tanker)**
June, 2011 – January, 2012

M.T. ORKIM CHALLENGER (Product Tanker)
February, 2011 – April, 2011

M.T. ORKIM DISCOVERY (Ship Delivery)
August, 2010 – January, 2011

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

- a) Generator/Alternator engines including emergency generator. Generator type:
 - ChongQing Cummins - Type: KT38 D-(M) V-Type
 - Cummins – Type: KTA-19-DM1
- b) Composite Boiler : Sanjie Industry, LZY1.0/120-0.7, Smoke Tube, WP-7kg/cm².
- c) Lifeboat and rescue boat engines.
- d) Emergency fire pump.

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them if safely possible.

SOW RAJAN LOUIS

WORKING EXPERIENCES

**JUNE, 2009 –
FEBRUARY, 2010**

WILHELMSSEN SHIP MANAGEMENT
WILHELMSSEN ASSET CARE
Labuan, East Malaysia.

JOB POSITION: MAINTENANCE ENGINEER/SUPERINTENDENT

JOB DESCRIPTION:

- * In-charge of taking over vessels for preparation of lay-up.
- * In-charge of routine maintenance on board cold laid up vessels.
- * Maintain and troubleshoot RH(Relative Humidity) for the laid up vessels in Bridge, Galley, Accommodation, Engine room, Steering Gear room, Forecastle, Bow Thruster room, and Pump room.
- * Taking over new vessels for cold layup and to comply with layup procedure according to DNV (Det Norske Veritas) specifications.
- * Daily, weekly, monthly, 2 monthly, 4 monthly and 6 monthly reports to be prepared and submitted to ship owners.
- * Training watchmen onboard vessel on safety, operation, environment and drug & alcohol policy.
- * On standby for any immediate problem to be attended on board the vessels in-charge.
- * Vessels' property safe keeping and in-charge of inventory.

SOW RAJAN LOUIS

WORKING EXPERIENCES

**MALAYSIAN INTERNATIONAL SHIPPING CORPORATION BERHAD
(M.I.S.C)**

JOB POSITION: **THIRD (3RD) ENGINEER**

VESSEL: **M.V. BUNGA SAGA 9 (Bulk Carrier)**
October, 2008

M.T BUNGA MELATI SATU (Chemical Tanker)
January – June, 2008

JOB DESCRIPTION:

* WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.

* Understudy the 2nd Engineer's duties and functions.

* The safety of personnel working directly under my charge.

* Assume specific responsibility for the maintenance and efficient operational condition of the following machinery:-

- a) Generator/Alternator engines, emergency generator and associated plant and fuel injection equipment:
 - Yanmar T260L-EX, 4stroke single acting trunk type engine. 1500PS@720rpm
 - Alternator : 1250KVA X 450 V X60Hz
- b) All air compressors and compressed air equipment and systems including
- c) M/E starting air system.
- d) Life boat engines.
- e) Emergency fire pump.
- f) Cargo machinery – i.e. cranes, reefer containers and cargo pumps.
- g) Boilers : Aalborg Sunrod CPH-20; Burner Type DF 455; WP-9kg/cm²; 21 Tons/Hr

* Routine maintenance on all machinery and equipment responsible for.

* Maintain up to date inventory of all machinery spare parts.

* Comply with principles and guidance for keeping safe and efficient engine room watch.

* Anti pollution measures.

* Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them if safely possible.

SOW RAJAN LOUIS

WORKING EXPERIENCES

JOB POSITION: **EXECUTIVE
OFFICE ATTACHMENT**
April – September, 2007

JOB DESCRIPTION:

- * Monitoring of sea staff performance and updating into database.
- * Evaluation of performance status given and directly reporting to the performance system task force.

JOB POSITION: **FOURTH (4TH) ENGINEER**

VESSEL: **M.T BUNGA MELATI 2 (Chemical Tanker)**
March - October, 2006

M.T BUNGA MELATI 3 (Chemical Tanker)
May, 2004 – January, 2005

M.T BUNGA CENDERAWASIH (Chemical Tanker)
July, 2003 – February, 2004

M.T BUNGA ANGGERIK (Chemical Tanker)
September, 2002 – April, 2003

JOB DESCRIPTION:

- * WATCH-KEEPING ENGINEER (WKE) and unless circumstances necessitate departure from the recommended watch schedule.
- * Understudy the 3rd Engineer's duties and functions.
- * The safety of personnel working directly under my charge.
- * Maintain and ensure good working condition of the following machinery:-
 - a) Auxiliary boilers and economizer including all associated fittings and safety trips and alarms.
 - b) Purifiers for Lube Oil (LO), Fuel Oil (FO) and Diesel Oil (DO)
 - c) All pumps related to boiler systems including SW & FW pump.

SOW RAJAN LOUIS

- d) Deck machinery, windlass, mooring winches, lifeboat winches, hatch cover winches. e) Fresh Water generator and associated pumps.
 - e) Filters for FW, FO, LO, DO and bilge lines.
 - f) Incinerators, sanitary system, domestic water system, FW cooling system and lubricating system.
 - g) All control valves associated with F.O / D.O transfer / bunker lines for settling & service tanks.
 - h) Keep up to date inventory of spare parts for above machinery.
- * Assist 2nd Engineer/Chief Engineer in bunkering operations or fuel transfer operations.
 - * Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them if safely possible.
 - * Assist in receiving engine stores, spares, chemicals, lubricating oil and gases.
 - * Comply with principles and guidance for keeping safe and efficient engine room watch.

JOB POSITION: JUNIOR ENGINEER

VESSEL: M.V. BUNGA SAGA 10 (Bulk Carrier)
July – December, 2001

M.T. BUNGA MELATI 7 (Chemical Tanker)
February – March, 2001

JOB DESCRIPTION:

- * Assists in the keeping of the engine room watch under the supervision of the engineer of the watch or the 2nd Engineer in a manned engine room.
- * Assists in operational routines or machinery maintenance as directed by the duty engineer or as directed by the 2nd Engineer whilst on day work.
- * Directly responsible to the 2nd Engineer for the safety of personnel working under me.
- * Keep an inventory of tools and stores as detailed by the 2nd Engineer.
- * Responsible for the maintenance and operational condition.
- * Report any undesired events, unsafe practices or near misses observed to the superior officer/s and attempt to rectify them if safely possible.

SOW RAJAN LOUIS

INTERNSHIP (Cadetship)

JOB POSITION: **ENGINEERING CADET**

VESSEL: **M.T. BUNGA ANGGERIK (Chemical Tanker)**
September – December, 1999

M.V. BUNGA BIDARA (Container Vessel)
May – August, 1999

SHIPYARD: **Malaysia Shipyard and Engineering Sdn. Bhd.,**
Pasir Gudang, Johor
January – March, 1999

SOW RAJAN LOUIS

QUALIFICATIONS AND PROFESSIONAL TRAINING

2023	-	<u>Certificate of Competency</u> Second Engineer Officer of 3000kW or more Unlimited Trade Voyages
2020	-	Basic Safety Training (Refresher) (Expiry: 18.08.2025)
	-	Advance Fire Fighting (Refresher) (Expiry: 17.08.2025)
	-	Proficiency in Survival Craft and Rescue Boats (Refresher) (Expiry: 16.08.2025)
2016	-	Engine Resource Management
	-	Advance Fire Fighting (Refresher)
	-	Proficiency in Survival Craft and Rescue Boats (Refresher)
	-	Basic Training Oil and Chemical Tanker
	-	Advance Oil Tanker
	-	Advance Chemical Tanker
2015	-	Basic Safety Training
	-	Ship Security Awareness
	-	Designated Security Duties
2010	-	Shipboard Management
2004	-	Business Writing Skills
2003	-	English & Communication for Officers Certificate
	-	ISM Shipboard Training Programme
2001	-	Advanced Fire Fighting At Sea Certificate
2000	-	Basic Personal Safety and Social Responsibility Certificate
	-	Certificate of Proficiency In Survival Craft and Rescue Boats other Than Fast Rescue Boats
	-	Marine Engineer Watchkeepers
1998	-	Medical First-Aid At Sea Certificate
	-	Basic Fire Prevention and Fire-Fighting At Sea Certificate
	-	Tanker Familiarization Certificate

SOW RAJAN LOUIS

SEATIME/EXPERIENCE		
VLCC	- 1y 2m 23d	- 3rd Engineer
CHEMICAL TANKER	- 3y 4m 9d	- Total
	- 4m 28d	- 3rd Engineer
	- 2y 4m 22d	- 4th Engineer
	- 2m 19d	- Jr. Engineer
PRODUCT TANKER	- 1y 1m 11d	- 3rd Engineer
BULK CARRIER	- 2y 4m 4d	- Total
	- 1y 10m 25d	- 3rd Engineer
	- 5m 9d	- Jr. Engineer
PIPELAY BARGE	- 1y 3d	- Assistant Engineer
AHTS	- 5m 27d	- 3rd Engineer
SSV	- 2m 3d	- 3rd Engineer

Total Experience on Rank

3rd Engineer	-	5y 3m 27d
Asst. Engineer	-	1y 3d
4th Engineer	-	2y 4m 22d
Jr. Engineer	-	7m 28d

SOW RAJAN LOUIS

STRENGTHS

- * Language proficiency in English and Bahasa Malaysia.
- * Superior communication skills, both oral and written, as developed in class and on job.
- * Personal computer skills, including Microsoft Word, Excel and PowerPoint.
- * Detail-oriented, efficient and organized professional with extensive experience in engine systems.
- * Highly motivated to accomplish assigned tasks.
- * Possess strong analytical and problem solving's skills, with the ability to make well thought out decisions.
- * Consistently deliver results in accordance with the goals and missions set by the organization.
- * Resourceful in the completion of projects, effective at multi-tasking.
- * Ensure all processes are in accordance with standard compliance.
- * Highly trustworthy, discreet and ethical.
- * Extensive leadership skills and teamwork commitment.
- * Meticulous, mature and attentive in attitude.
- * Ability to work in dynamic and fast paced environment.