



Blue Vogage

Presentation

Our Business

01

BWTS Sensor
Calibration

02

Water sampling

BWTS

03

Technical
Support

04

Spare part

Your partner in one-stop of Ballast Water Treatment System in the china



01

Our Team

Organization Structure

Founder -Jackie

Head of BWMS-Henry

Our business mainly covers three areas:

- Analysis and submission of ship emission data
- Consulting services for corresponding energy-saving equipment
- Spare parts and services for ballast water systems

Multi-brand Sensor Calibration (TRO, H₂, Temperature, Pressure, Salinity,)

Annual Verification

Technical Support & Troubleshooting

Spare Parts Supply

Vessel Compliance of BWMS



SERVICE

- Leader – Hansen Liang
 - with over 5 years of BWMS working experience. Ex-Erma First Technical Engineer,
- Project Manager – Joe Jiao
 - Ex-Ocean Shield Technical Engineer.
- Mr. Liu
- External Support Team
 - In addition to our in-house engineers, we also collaborate with external partners and subcontracted teams to provide specialized technical support and on-site services worldwide.



02

Vessel Compliance



CALIBRATION CERTIFICATE

Issued by: Fangyuan certification testing Group co.,LTD

Certificate Number: CYF_20241110059

Vessel Name: [REDACTED]	IMO Number: 97919 [REDACTED]
Location: QINGDAO BEI HAI SHIPYARD	Maker: MURIA

Sensor Type: Temperature Sensor S/N:1-1# S/N: 4015417 1-2 # S/N:4015424 1-3# S/N: 4024562 1-4#S/N4015416
2-1#S/N:3974537 2-2#S/N: 4024567 2-3#S/N: 4008435 2-4#S/N:4008437

Calibration Rig: WIKA CTH6200 (Pt100) Calibration Medium: Water

Calibration Range: -50~+250C Tool S/N: 42505007

Result	N/A <input type="checkbox"/>	PASS <input checked="" type="checkbox"/>	FAIL <input type="checkbox"/>
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Sensor Type : Differential pressure sensor 1#S/N: XQD-10039, 2#S/N:XQD-10012

Calibration Rig: WIKA CPG1500 (CPP30) Calibration Medium: Air

Calibration Range: 0~10 bar Tool S/N: 1A01NV69PIZ

Result	N/A <input type="checkbox"/>	PASS <input checked="" type="checkbox"/>	FAIL <input type="checkbox"/>
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Sensor Type : Conductivity S/N: 1#S/N:S16303001, 2#S/N:S16302000

Concentration of Calibration solution sample : 12.88mS/cm(25C)

Result	N/A <input type="checkbox"/>	PASS <input checked="" type="checkbox"/>	FAIL <input type="checkbox"/>
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Sensor Type: UV INTENSITY SENSOR S/N 1-1# S/N: 082640 1-2 # S/N:012982 1-3# S/N: 012948 1-4#S/N015008
2-1#S/N:016007 2-2#S/N: 015045 2-3#S/N: 014477 2-4#S/N:014507

Calibration Tool: Handheld detector

Result	N/A <input type="checkbox"/>	PASS <input checked="" type="checkbox"/>	FAIL <input type="checkbox"/>
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Sensor Type : Flow Meter Unit S/N: 1-1F# S/N: 3K672019151299 1-2F# S/N: 3K672019151208

2-1F# S/N: 3K672019151299 2-2F# S/N: 3K672019151208

Calibration of Coil measurement and Flow comparison method

Result	N/A <input type="checkbox"/>	PASS <input checked="" type="checkbox"/>	FAIL <input type="checkbox"/>
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Certified by: *J. W. Zhang*

Calibration date: 10- Nov- 2024

Expiration date: 10- Nov-2025

Our Calibration Certificate is issued by a CNAS-accredited laboratory under ILAC MRA, and is internationally recognized in more than 100 countries, including major PSC member states such as the US, EU nations, Japan, Singapore, and Korea.

Sensor Calibration Certificate

Boarding time	Vessel Name	IMO	Boarding place	Service Contact	Manufacturer	Q'ty	Sales PIC	Field Application Engineer
2024/1/3	Baranee Naree	9613422	SHANGHAI	sensor Calibration	HEADWAY	2	lin	Micheal
2024/1/5	Cape Peregrine	9500754	NINGBO	sensor Calibration	JFE	1	lin	Micheal
2024/1/7	MTHIMALAYAN	9392822	ZHOUSHAN	Maintenance+sensor Calibration	oceansaver	2	lin	Micheal
2024/1/8	国远86	9864186	SINGAPORE	sensor Calibration +VGP	SUNRUI	2	kiwi	External
2024/1/9	国远18	9579274	North Korean	sensor Calibration +VGP	headway	1	kiwi	Certificate issuance only at foreign ports
2024/1/9	EXPLORER OCEANIA	9717333	GUANGDONG	sensor Calibration +VGP	techcross	1	lin	Micheal
2024/1/10	EMERALD DINGHAI	9935252	SINGAPORE	VGP	HEADWAY	1	willam	Samples to be collected by the vessel and sent back
2024/1/10	YUHENG STAR	9574119	QINGDAO	Program Copy	JFE	1	kiwi	Micheal
2024/1/10	SCORPIO HONOR	9488582	NANTONG	9488582	alfa laval	/	kiwi	JOE
2024/1/12	国远20	9579286	NANTONG	sensor Calibration +VGP	headway	1	kiwi	JOE
2024/1/15	MTHIMALAYAN	9392822	ZHOUSHAN	Overhaul	oceansaver	1拖2	lin	Micheal 、 JOE
2024/1/18	JIA DE CHANG HE	9626546	QINZHOU	sensor Calibration +VGP	ERMAFIRST	1	kiwi	JOE
2024/1/19	国远28	9591466	RIZHAO	sensor Calibration	headway	1	kiwi	JOE
2024/1/20	国远82	9864203	TIANJIN	sensor Calibration +VGP	SUNRUI	2	kiwi	Micheal
2024/1/30	BLESSED LUCK	9294501	JAINGYIN	Trouble Shooting	ERMAFIRST	/	Joe	JOE
2024/2/3	国远8	9579236	SHANGHAI	sensor Calibration +VGP	headway	1	kiwi	JOE
2024/2/5	东海		ZHANGJIAGANG	sensor Calibration	CYCEO	1	Wang	JOE
2024/2/13	Winter Sea	9639787	NANTONG	sensor Calibration	panisia	2	lin	JOE
2024/2/11	autumn sea	9639775	JIANGYIN	sensor Calibration	panisia	2	lin	JOE
2024/2/12	Sweet Lydia	9567166	ZHANJIANG	sensor Calibration	techcross	1	kiwi	Micheal
2024/2/16	OOCL BANGKOK	9627978	SHANGHAI	sensor Calibration	SUMSUNG	2	kiwi	JOE
2024/2/22	长航滨海轮	9628764	QUANZHOU	sensor Calibration	Oceanshield	1	Alice	Micheal
2024/2/26	长航淮海轮	9628740		VGP	Oceanshield	1	Alice	Micheal
2024/2/27	TRAWIND GLORY信风光	/	DALAIN	Trouble Shooting	MIRUA	1	kiwi	Micheal
2024/3/3	宝欣轮	9609835	TIANJIN	sensor Calibration +VGP	HEADWAY	1	kiwi	Micheal
2024/3/6	CSK LONGEVITY	9679799	ZHANGZHOU	sensor Calibration +VGP	techcross	2	wang	Micheal
2024/2/29	DING HENG38	9406726	JIANGYIN	Trouble Shooting	alfalaval	1	willam	Micheal

Our engineering team has been consistently providing such services to domestic shipowners and partners, as well as to international shipowners including Belships Management (Singapore) Pte Ltd. and The India Cements Limited. etc

Consumable Spare Parts in Stock - Fast Delivery in the china for Overseas Shipowner



CLX-REAGENT



PCB MAIN BOARD LCD DISPLAY



GAS DETECTION SENSOR



T-STRAINER REGULATOR ASSY



CHECK VALVE SET



SOLENOID VALVE



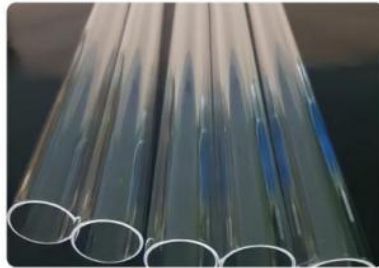
TUBING / CUVETTE KIT (EX PROOF)



AIR PUMP



UV LAMP



UV LAMP SLEEVE



CLX T-STRAINER FILTER



PORTABLE TRO SENSOR

Inquiries Note (Spare part)

For certain domestic brands, such as Headway and Sunrui, we have our own procurement channels, which allows us to offer prices lower than those from the original makers.

For other spare parts, especially non-standard components, we would need the nameplate information and exact dimensions in order to proceed.

Please note that we are a third-party trader specializing in ballast water systems, not an authorized agent of the makers. Therefore, **we are unable to purchase spare parts solely based on part numbers.**

VGP & IMO-D2 (water sampling)

Final 2013 VGP

Most ballast water treatment systems have control and self diagnostic equipment such as sensors that continuously measure treatment parameters to verify performance. The metrics to be monitored are based on common approaches used in ballast water treatment systems. As new approaches become commonly available, EPA will develop new monitoring parameters as appropriate.

2.2.3.5.1.1.3 Ballast Water monitoring equipment calibration

At a minimum, all applicable sensors and other equipment must be calibrated annually. Additionally, all applicable sensors and other control equipment must be calibrated no less frequently than recommended by the sensor or other equipment manufacturer, or by the ballast water treatment system manufacturer or when warranted based on device drift from a standard or calibrated setting. EPA expects many sensor types (e.g., pH probes, TRO sensors, turbidity sensors) will need to be calibrated on a more frequent basis. Calibration of the sensors and equipment can be conducted on-board the vessel or they can be removed and shipped to the manufacturer or other vendor for calibration. During the period when the sensors are not installed (or otherwise inoperable thus significantly compromising the performance of the ballast water treatment system), the vessel must not discharge ballast water.





THE END
谢谢