



BUNKER QUANTITY SURVEY

YOUR FUEL MANAGEMENT PARTNER



Bunker Quantity Survey

ALL VPS BUNKER SURVEY
WORK IS CONDUCTED IN
STRICT ACCORDANCE WITH
INTERNAL GUIDELINES
AS WELL AS LOCAL AND
INTERNATIONAL STANDARDS.

VPS Bunker Surveyors provide accurate, comprehensive and reliable documentation of delivered quantity and representative sampling that is compliant with MARPOL Annex VI requirements. As a complementary service, our surveyors also facilitate prompt dispatch of fuel oil samples to the nearest VPS laboratory.

WE OFFER A WIDE RANGE OF SURVEYS THAT INCLUDES:

- Bunker Quantity Surveys
- Bunker Quantity Surveys with Mass Flow Meter Assessment
- Sampling Surveys
- Remaining On Board (ROB) Bunker Surveys
- Comprehensive ROB/On-Off Hire Surveys
- Detective surveys

VPS is the first company to implement a worldwide Code of Practice with regular on-the-job quality assurance audits to ensure a high level of integrity and service performance. Our surveyors remain on board for the entire duration of the bunkering, ensuring continuous supervision and support.



SPECIAL BENEFITS:

- VPS' reputation for accuracy, qualified and well-trained bunker surveyors with integrity and firm adherence to our Code of Practice
- Reliable, comprehensive documentation and contemporaneous evidence which can be pivotal in legal claims
- Safety, Health and Environmental checks - including hydrogen sulphide (H₂S), carbon monoxide and lower explosive limits monitoring during bunkering
- Objective conclusion when there is a short delivery, based on comprehensive documentation and extensive database
- User-friendly PDF format report with colour codes for quick, easy identification of problem sections, executive summary and relevant digital pictures of the bunker surveys
- Documented sampling procedures in case of quality disputes.

Example of Savings with BQS:

QUANTITY DATA - DMA GRADE

MGO-DMA Grade	Volume at 15°C (m³)	Density at 15°C (kg/m³)	Mass (m.tons)	Weight Factor (kg/m³)	Weight (m.tons)
Bunker Delivery Note (BDN)	400.057	*889.4	355.811	888.3	355.371
VPS Measurement (Bunker Tanker Out-Turn)	400.238	831.1	332.638	830.0	332.198
Difference	0.181	-58.3	-23.173	-58.3	-23.173
VPS Measurement (Vessel Out-Turn)	400.190	831.1	332.598	830.0	332.158
	BDN Value	Tested Value	Differential	Calculation	**Commercial losses
Density	889.4	831.1	23.173 m.tons	23.173 x USD 900	USD 20,855.7

*Mass in this report refers to "Weight in Vacuum" but commercial fuel transactions are typically based on "Weight in Air" given here as Weight.

* BDN values converted to kg/m³ by VPS.

** DMA price @ USD 900/m.ton

All VPS bunker survey work is conducted in strict accordance with internal guidelines as well as local and international standards. VPS is accredited with ISO 9001:2008, ISO 14001 and OHSAS 18001 for bunker quantity surveys and VPS Singapore is also accredited with ISO 17020 in the field of cargo inspection for bunker fuels.

To ensure the highest standard of survey work underpinned by absolute integrity, VPS has over the last few years, taken the lead in employing in-house bunker surveyors in key bunkering ports such as Singapore, Fujairah, Rotterdam and Houston.





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