



ISSUED AT	Valparaiso, Chile
DATE	February 18, 2022

BUNKER SURVEY REPORT

APPLICANT FOR SURVEY:	MR. ESTEBAN HENNING M.
REQUESTED BY :	MIDSTREAM TRADE AGENTS (MTA)
YOUR REF. :	VAP-2202-0208

SCOPE OF SURVEY :	To ascertain Bunker quantities onboard vessel at Re-Delivery time.
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PLACE OF SURVEY :	VALPARAISO PORT, CHILE
DATE OF SURVEY :	February 18, 2022

VESSEL :	BULK COLOMBIA	VOYAGE :	85
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SUMMARY OF FINDINGS :										
	<table border="1"><thead><tr><th>Total Quantity</th><th>Product</th><th>Quantity (MT)</th></tr></thead><tbody><tr><td></td><td>VLS Fuel Oil</td><td>799.24</td></tr><tr><td></td><td>LS Marine Gas Oil</td><td>320.31</td></tr></tbody></table>	Total Quantity	Product	Quantity (MT)		VLS Fuel Oil	799.24		LS Marine Gas Oil	320.31
Total Quantity	Product	Quantity (MT)								
	VLS Fuel Oil	799.24								
	LS Marine Gas Oil	320.31								

CONTENTS	1.- Ship's particulars 2.- Times 3.- Bunker survey	4.- Remarks 5.- Attachments
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1.- SHIP'S PARTICULARS:

Flag	LIBERIA
Port of registry	MONROVIA
Owners	DRYLOG TRADING LTD.
Charterers	ARM SHIPPING LTD.
Master	ROBERTO C. CAABAY
Chief Engineer	LEO M. MAGBUHOS

2.- TIMES:

DATE	TIME	ACTIVITIES
February 18, 2022	9:00	ALS Surveyor attended on board MV "BULK COLOMBIA"
	9:45	Bunker survey commenced
	12:20	Bunker survey completed
	13:30	ALS surveyor left MV "BULK COLOMBIA"

3.- BUNKER SURVEY:

The following quantities were found onboard as calculated by Chief Engineer and the undersigned surveyor, from the ship's calibration curves with due considerations to the trim of the vessel, temperature and specific gravity of oil:



Bunkers calculation

DRAFTS (m)	
Forward	4.64
Aft	6.65
Trim	2.01

TEMPERATURES (°C)	
Sea water	17.0
E / Room	24.0
To be correcte	15.0

Average consumption per day		
	Fuel oil	MDO
Sailing	32.00	0.15
At port	2.80	0.15
Maneuvering	1.00	0.15

Last bunkering information		
Date	December 30,2021	
Place	Callao, Peru	
Specific gravity	Fuel oil	Diesel oil
	0.9600	0.842

VERY LOW SULPHUR FUEL OIL									
Tank	Max Capacity	Sounding cm	Sounding corrected	Volume (cbm)	Temp. °C / °F	Sp.gravity 15°C	Correction T.54B	Correction T.56	WEIGHT Metric tons
Nr.1 FOT P	368.20	4.320	4.32	0.40	19.0	0.9801	0.9972	0.9791	0.39
Nr.1 FOT S	368.20	1.880	2.01	132.30	21.0	0.9600	0.9957	0.9589	126.32
Nr.2 FOT P	391.00	0.610	0.75	329.40	21.0	0.9600	0.9957	0.9589	314.51
Nr.2 FOT S	391.00	0.620	0.76	331.10	31.0	0.9600	0.9886	0.9589	313.88
HFO Settling S	19.80	GAUGE	GAUGE	13.10	92.0	0.9600	0.9446	0.9589	11.87
N.1 FO Service S	18.10	GAUGE	GAUGE	18.10	96.0	0.9600	0.9417	0.9589	16.34
N.2 FO Service S	18.60	GAUGE	GAUGE	14.30	90.0	0.9600	0.9460	0.9589	12.97
FO. Overflow	24.00	0.395	0.38	4.70	23.0	0.9600	0.9943	0.9589	4.48
TOTAL :									800.76

LOW SULPHUR MARINE GAS OIL									
Tank	Max Capacity	Sounding	Sounding corrected	Volume (cbm)	Temp. °C / °F	Sp.gravity 15°C	Correction T.54B	Correction T.56	WEIGHT Metric tons
Nr.1 DO S	87.50	2.735	2.735	57.60	34.0	0.8282	0.9836	0.8271	46.86
Nr.2 DO S	53.40	0.605	0.601	11.52	33.0	0.8282	0.9845	0.8271	9.38
DO SERVICE	23.30	GAUGE	GAUGE	15.30	39.0	0.8282	0.9792	0.8271	12.39
Nr.3 FOT P	475.10	4.298	4.329	159.71	22.0	0.8282	0.9940	0.8271	131.30
Nr.3 FOT S	174.60	8.145	8.16	146.34	39.0	0.8420	0.9797	0.8409	120.57
TOTAL :									320.49



Quantities found at Bunker Survey time on February 18, 2022 at 10:00 hours LT (February 18,2022 13:00 hours UTC):

VERY LOW SULPHUR FO	800.76
LS MARINE GAS OIL	320.49

Consumption of Bunkers between Bunker Survey and Re-Delivery time :

VERY LOW SULPHUR FO	-1.53
LS MARINE GAS OIL	-0.18

Quantity of Bunkers at Re-Delivery time on February 18, 2022 at 15:06 hours LT (February 18,2022 at 18:06 hours UTC) at DLOSP Valparaiso, CHILE:

VERY LOW SULPHUR FO	799.24
LS MARINE GAS OIL	320.31

4.- REMARKS :

In order to verify further existence of Fuels, the undersigned Surveyor and the vessel's Chief Engineer checked sounding of VLSFO Tanks Nr. 1 P, 1S, 2P, 2S,Service Nr.1,Service Nr.2, Settling and Overflow; for LSMGO Tanks storage DO Nr.1 S, DO Nr.2 S, Service Ss.

5.- ATTACHMENTS:

Re-Delivery certificate

This bunker survey was made without prejudice and in the interest of whom it may concern.



EDUARDO PARRA G.
Marine Engineer Surveyor
ALS Inspection Chile SpA