



Your Reference:

OilJar Ltd
16 Maple Walk,
Brandesburton,
East Yorkshire,
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United Kingdom
Mr. Joe Stevenson, Director
<https://oiljar.com/>

For the attention of

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

LOADED :

We have pleasure in enclosing herewith, our report for the above referenced inspection.

This report is intended for the sole use of the recipient and its purpose is to offer a summary of events and measurements associated with the caption ed Custody Transfer to / from the stated ship and during the stated period. The summary report may contain the attending surveyor's opinion which should always and only be taken as a professional opinion and not a statement of fact.

The findings of the surveyor, reported herein, are subject to the level of access and cooperation afforded to the surveyor at the time of inspection. All the details are given in good faith and are, to the best of our knowledge, accurate and reliable. However, we do not imply any guarantees for data that has been provided to us, in any form. All our inspection services are subject to our General Terms and Conditions which can be found on our website.

Procedures

Where possible, and was safe to do so, we have complied with your instructions so long as these also comply with API MPMS Chapter 17 Guidelines for Marine Inspection.

At all times our surveyors have respected any regulations and procedures that may have been in place at the Terminal and / or the ship.

Where the inspection has required our surveyor to witness analysis of the product (in a Third-Party Laboratory) we have insured the test method used was as per relevant ASTM or IP method. We cannot be held responsible for the competence of the operator, the condition of the equipment(other than checking calibration records), or any reagents used. Report distribution has been effected as follows:

To yourselves in original only together with our relevant invoice.

CC: . Attn

Should you have any query, or require any additional information, please contact Joe Stevenson by the following e-mail address: joe.stevenson@OilJar.com



Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

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OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

SUMMARY OF QUANTITIES

Comparison of Ship's figures and Bill of Lading

Calculation by ASTM D 1250-2004

Totals of the Bills Of Lading						
Product	Gasoline Au-95	Gasoline Au-98				Total
Measured Cubic Metres						
Cubic Metres @ 15°C	7,480.786	6,658.592				14,139.378
Metric Tons (in Air)	5,499.199	4,907.448				10,406.647
Metric Tons (in Vacuo)	5,507.355	4,914.707				10,422.062
CUBIC METRES AT 15°C (GROSS STANDARD VOLUME)						
Bill of Lading	7,480.786	6,658.592				14,139.378
Vessel's loaded quantity	7,475.193	6,665.282				14,140.475
Difference	-5.593	6.690				1.097
% Difference	-0.100%	0.100%				
Bill of Lading	7,480.786	6,658.592				14,139.378
Vessel adjusted by VEF	7,500.695	6,688.021				14,188.716
Difference	19.909	29.429				49.338
% Difference	0.300%	0.400%				0.300%
US BARRELS AT 60°C (GROSS STANDARD VOLUME)						
Bill of Lading	47,085.22	41,909.78				88,995.00
Vessel's loaded quantity	47,050.01	41,951.89				89,001.90
Difference	-35.210	42.11				6.90
% Difference	-0.100%	0.100%				
Bill of Lading	47,085.22	41,909.78				88,995.00
Vessel adjusted by VEF	47,210.53	42,095.01				89,305.54
Difference	125.31	185.23				310.54
% Difference	0.300%	0.400%				0.300%
METRIC TONS IN AIR (GROSS WEIGHT)						
Bill of Lading	5,499.199	4,907.448				10,406.647
Vessel's loaded quantity	5,495.089	4,912.379				10,407.468
Difference	-4.110	4.931				0.821
% Difference	-0.075%	0.100%				0.008%
Bill of Lading	5,499.199	4,907.448				10,406.647
Vessel adjusted by VEF	5,513.836	4,929.138				10,442.974
Difference	14.637	21.690				36.327
% Difference	0.266%	0.442%				0.349%
METRIC TONS IN VACUO (GROSS WEIGHT)						
Bill of Lading	5,507.355	4,914.707				10,422.062
Vessel's loaded quantity	5,503.237	4,919.645				10,422.882
Difference	-4.118	4.938				0.820
% Difference	-0.075%	0.100%				0.008%
Bill of Lading	5,507.355	4,914.707				10,422.062
Vessel adjusted by VEF	5,522.012	4,936.429				10,458.441
Difference	14.657	21.722				36.379
% Difference	0.300%	0.400%				0.300%

Quantities on board the Vessel are as calculated by "OilJar Ltd".

"OilJar Ltd" Representative: Nodar Guramishvili

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
B/Lading date 20-Apr-17

SUMMARY OF QUANTITIES
Comparison of Ship's figures and Bill of Lading
GOST calculation by GOST 3900-47

Gross Quantities

Totals of the Bills Of Lading	Gasoline Au-95	Gasoline Au-98				Total
CUBIC METRES AT 20°C (GROSS STANDARD VOLUME)						
Bill of Lading	7,521.654	6,694.874				14,216.528
Vessel's loaded quantity	7,519.971					7,519.971
Difference	-1.683					-6,696.557
% Difference	-0.022%					-47.104%
Bill of Lading	7,521.654	6,694.874				14,216.528
Vessel adjusted by VEF	7,545.626	6,730.640				14,276.266
Difference	23.972	35.766				59.738
% Difference	0.319%	0.534%				0.420%
CUBIC METRES AT 15°C (GROSS STANDARD VOLUME)						
Bill of Lading	7,480.786	6,658.592				14,139.378
Vessel's loaded quantity	7,473.021	6,665.986				14,139.007
Difference	-7.765	7.394				-0.371
% Difference	-0.104%	0.111%				-0.003%
Bill of Lading	7,480.786	6,658.592				14,139.378
Vessel adjusted by VEF	7,498.516	6,688.728				14,187.244
Difference	17.730	30.136				47.866
% Difference	0.237%	0.453%				0.339%
US BARRELS AT 60°C (GROSS STANDARD VOLUME)						
Bill of Lading	47,085.22	41,909.78				88,995.00
Vessel's loaded quantity	47,036.35	41,956.31				88,992.66
Difference	-48.87	46.53				-2.34
% Difference	-0.104%	0.111%				-0.003%
Bill of Lading	47,085.22	41,909.78				88,995.00
Vessel adjusted by VEF	47,196.82	42,099.45				89,296.27
Difference	111.60	189.67				301.27
% Difference	0.237%	0.453%				0.339%
METRIC TONS IN AIR (GROSS WEIGHT)						
Bill of Lading	5,499.199	4,907.448				10,406.647
Vessel's loaded quantity	5,497.973	4,916.875				10,414.848
Difference	-1.226	9.427				8.201
% Difference	-0.022%	0.192%				0.079%
Bill of Lading	5,499.199	4,907.448				10,406.647
Vessel adjusted by VEF	5,516.730	4,933.649				10,450.379
Difference	17.531	26.201				43.732
% Difference	0.319%	0.534%				0.420%
METRIC TONS IN VACUO (GROSS WEIGHT)						
Bill of Lading	5,507.355	4,914.707				10,422.062
Vessel's loaded quantity	5,506.122	4,924.163				10,430.285
Difference	-1.233	9.456				8.223
% Difference	-0.022%	0.192%				0.079%
Bill of Lading	5,507.355	4,914.707				10,422.062
Vessel adjusted by VEF	5,524.907	4,940.962				10,465.869
Difference	17.552	26.255				43.807
% Difference	0.319%	0.534%				0.420%

Quantities on board the Vessel are as calculated by "OilJar Ltd". GOST calculation by GOST 3900-47.

Conversion factor from Metric tons in vacuo to US Bbls at 60°F by GOST 8.595-2010

"OilJar Ltd" Representative: Nodar Guramishvili



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi

CERTIFICATE OF SHORE QUANTITY
Calculation by ASTM D 1250-2004
Gasoline Au-95

Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	5,522.012
Gross Metric Tons in air	5,513.836
Gross Long Tons	5,426.75
Gross US barrels at 60°F	47,210.53
Gross US gallons at 60°F	1,982,842.26
Gross Cubic Metres at at 15°C	7,500.695
Pro rata delivered Density at 15°C in vacuo	0.7362
API gravity from Density at 15°C as per Chapter 11.5.	60.65

Above quantities determined by "OilJar Ltd" on basis of shore measurements.

Metric Tons in Vacuo = Gross Standard Volume at 15°C * Density at 15°C in Vacuo

Metric Tons in Air = Gross Standard Volume at 15°C * Density at 15°C in Air

Criteria used for calculations:

US Barrels at 60°F / CuM at 15°C by Chapter 11.5
Conv. factor from US Bbls to US Gallons by Table 1
Average Density at 15°C (in air)
W.C.F. = Metric Tons in Air / Metric Tons in Vacuo =
Long Tons = Metric Tons in Air * by

6.294153738
42
0.73511
0.99852
0.984206



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
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Vessel Travestern
Location Batumi

CERTIFICATE OF SHORE QUANTITY
Calculation by ASTM D 1250-2004
Gasoline Au-98

Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	4,936.429
Gross Metric Tons in air	4,929.138
Gross Long Tons	4,851.29
Gross US barrels at 60°F	42,095.01
Gross US gallons at 60°F	1,767,990.42
Gross Cubic Metres at at 15°C	6,688.021
Pro rata delivered Density at 15°C in vacuo	0.7414
API gravity from Density at 15°C as per Chapter 11.5.	59.30

Above quantities determined by "OilJar Ltd" on basis of shore measurements.

Metric Tons in Vacuo = Gross Standard Volume at 15°C * Density at 15°C in Vacuo

Metric Tons in Air = Gross Standard Volume at 15°C * Density at 15°C in Air

Criteria used for calculations:

US Barrels at 60°F / CuM at 15°C by Chapter 11.5
Conv. factor from US Bbls to US Gallons by Table 1
Average Density at 15°C (in air)
W.C.F. = Metric Tons in Air / Metric Tons in Vacuo =
Long Tons = Metric Tons in Air * by

6.294090753
42
0.74031
0.99853
0.984206



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
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Vessel Travestern
Location Batumi

CERTIFICATE OF SHORE QUANTITY
GOST calculation by GOST 3900-47
Gasoline Au-95

Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	5,510.015
Gross Metric Tons in air	5,498.871
Gross Long Tons	5,412.02
Gross US barrels at 60°F	47,107.96
Gross US gallons at 60°F	1,978,534.32
Gross Cubic Metres at at 15°C	7,484.400
Gross Cubic Metres at at 20°C	7,525.287
Pro rata delivered Density at 15°C in vacuo	0.7362
Pro rata delivered Density at 20°C in vacuo	0.7322
API gravity from Density at 15°C as per Chapter 11.5.	60.65

Above quantities determined by "OilJar Ltd" on basis of shore measurements.
Metric Tons in Vacuo = Gross Standard Volume at 15°C * Density at 15°C in Vacuo
Metric Tons in Air = Gross Standard Volume at 15°C * Density at 15°C in Air

Criteria used for calculations:

US Bbls@60°F / Mt vacuo by GOST 8.595-2010
Conv. factor from US Bbls to US Gallons by Table 1
W.C.F. = Metric Tons in Air / Metric Tons in Vacuo =
Long Tons = Metric Tons in Air * by

8.549516079
42
0.99852
0.984206



OILJAR
OPTIMISING MARGINS

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Vessel Travestern
Location Batumi

CERTIFICATE OF SHORE QUANTITY
GOST calculation by GOST 3900-47
Gasoline Au-98

Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	4,017.725
Gross Metric Tons in air	4,007.835
Gross Long Tons	3,944.54
Gross US barrels at 60°F	34,108.35
Gross US gallons at 60°F	1,432,550.70
Gross Cubic Metres at at 15°C	5,419.105
Gross Cubic Metres at at 20°C	5,448.501
Pro rata delivered Density at 15°C in vacuo	0.7414
Pro rata delivered Density at 20°C in vacuo	0.7374
API gravity from Density at 15°C as per Chapter 11.5.	59.30

Above quantities determined by "OilJar Ltd" on basis of shore measurements.
Metric Tons in Vacuo = Gross Standard Volume at 15°C * Density at 15°C in Vacuo
Metric Tons in Air = Gross Standard Volume at 15°C * Density at 15°C in Air

Criteria used for calculations:

US Bbls@60°F / Mt vacuo by GOST 8.595-2010
Conv. factor from US Bbls to US Gallons by Table 1
W.C.F. = Metric Tons in Air / Metric Tons in Vacuo =
Long Tons = Metric Tons in Air * by

8.489466891
42
0.99853
0.984206



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95
B/Lading date 20-Apr-17

CERTIFICATE OF QUALITY

SAMPLE OF: Gasoline Au-95
SAMPLE DRAWN: by OilJar inspector
SAMPLE DESCRIPTION: Multiple Ship's Tank Composite Sample
(running) from each ship's tank
RECEIVED ON: 20-Apr-17
TESTING PERFORMED BY: Third Party Laboratory
ON THE: 20-Apr-17

Test	Method	Specification	Result
Density at 15°C in vac	kg/l	Table 53B ASTM D1250-04	0.7362
Density at 20°C in vac	kg/l	by GOST 3900-47	0.7322
API Gravity at 60°F	°API	API MPMS Chapter 11.5.	60.65
Appearance	Visual	Clear & Bright	Clear & Bright
Colour	Visual	Red	Red
Odour		Marketable	Marketable
Octane Number (RON)	ASTM D2699	min. 95	95.8
Copper Corrosion 3 hours at 50°C	ASTM D130	max. 1b	1a
Reid Vapour Pressure	kPa	GOST EN 13016-1	76
Distillation	ASTM D86		
recovered at 70°C	% volume	15 - 50	38
recovered at 100°C	% volume	40 - 70	62
recovered at 150°C	% volume	min. 75	90
FBP	°C	max. 215	196
Residue	% volume	max. 2	1
Lead content	g/l	ASTM D3348	nil
Existent gum (not washed)	mg / 100 ml	ASTM D381	max. 30
Existent gum (washed)	mg / 100 ml	ASTM D381	max. 5
Sulphur content	mg / kg	ASTM D4294	max. 8
Oxidation stability	minute	ASTM D525	min. 240
Benzene content	% volume	ASTM D3606	max. 1%
Water reaction	% volume	ASTM D 1094	nil
Ethanol content	% volume	GOST EN 13132	max. 5%



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-98
B/Lading date 20-Apr-17

CERTIFICATE OF QUALITY

SAMPLE OF: Gasoline Au-98
SAMPLE DRAWN: by OilJar inspector
SAMPLE DESCRIPTION: Multiple Ship's Tank Composite Sample
(Upper-Middle-Lower) from each ship's tank
RECEIVED ON: 20-Apr-17
TESTING PERFORMED BY: Third Party Laboratory
ON THE: 20-Apr-17

Test	Method	Specification	Result
Density at 15°C in vac	kg/l	Table 53B ASTM D1250-04	0.7381
Density at 20°C in vac	kg/l	by GOST 3900-47	0.7341
API Gravity at 60°F	°API	API MPMS Chapter 11.5.	60.15
Appearance	Visual	Clear & Bright	Clear & Bright
Colour	Visual	Green	Green
Odour		Marketable	Marketable
Octane Number (RON)	ASTM D2699	min. 98	98.3
Copper Corrosion 3 hours at 50°C	ASTM D130	max. 1b	1a
Reid Vapour Pressure	ASTM D323	35 - 100	64
Distillation	ASTM D86		
recovered at 5%	°C	max. 70	44
recovered at 90%	°C	max. 180	164
FBP	°C	max. 215	194
Residue	% volume	max. 2	
Lead content	g/l	ASTM D3348 nil	nil
Sulphur content	mg / kg	ASTM D4294 max. 8	8
Benzene content	% volume	ASTM D3606 max. 5%	
Water reaction	% volume	ASTM D 1094 nil	nil
Ethanol content	% volume	nil	nil

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 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

TIME LOG

Time	Date	Operations
02:20	19-Apr-17	Vessel arrived at "End of Sea Passage"
02:24	19-Apr-17	Pilot on board
05:45	19-Apr-17	Shore tanks gauged before
07:36	19-Apr-17	Notice of Readiness tendered
08:20	19-Apr-17	All Fast
08:20	19-Apr-17	Gangway secured
08:20	19-Apr-17	Notice of Readiness received
08:30	19-Apr-17	Surveyor on board
08:30	19-Apr-17	Completed vessel's tank inspection
08:54	19-Apr-17	Hoses 2 x 12" connected
09:36	19-Apr-17	Commenced Loading Gasoline Au-95
10:20	19-Apr-17	Completed Loading Gasoline Au-95
16:30	19-Apr-17	Commenced Loading Gasoline Au-98
16:50	19-Apr-17	Completed Loading Gasoline Au-98
23:59	19-Apr-17	Hoses disconnected
00:25	20-Apr-17	Completed measuring vessel's tanks
00:30	20-Apr-17	Completed sampling vessel's tanks
00:30	20-Apr-17	Completed cargo calculations
00:30	20-Apr-17	Surveyor's documents on board
01:15	20-Apr-17	Shore tanks gauged after
03:00	20-Apr-17	Vessel sailed (ETS)

DELAYS				REASON
From		To		

Remarks: (*) - As per information received from the Master of the vessel
 Average delivery rate for each grade is as follows:
 770.259 Mt in vacuo per hour for Gasoline Au-95, i.e. Mt in vacuo divided by 7 hours 9 minutes.
 796.98 Mt in vacuo per hour for Gasoline Au-98, i.e. Mt in vacuo divided by 6 hours 10 minutes.



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ULLAGE REPORT AFTER LOADING
Calculation by ASTM D 1250-2004

Draft: FWD: 11.00 m, AFT: 11.20 m, Trim: 0.20 m, List: Nil

Tank No	Ullage Mtrs		Total Obs. Volume Cu Mtrs	Free Water		Gross Obs. Volume Cu Mtrs	Temp °C	V.C.F. by T 54B	*	Gross Standard Volume Cu Mtrs
	Actual	Corrected		Dip Mtrs	Volume Cu Mtrs					
1P		1.100	612.354			612.354	16.5	0.99815	1	611.221
1S		1.050	616.669			616.669	16.5	0.99815	1	615.528
2P		1.090	1,043.170			1,043.170	17.0	0.99753	1	1,040.593
2S		1.080	1,044.410			1,044.410	17.0	0.99753	1	1,041.830
7P		1.440	1,139.891			1,139.891	16.5	0.99815	1	1,137.782
7S		1.720	1,105.871			1,105.871	16.0	0.99876	1	1,104.500
8P		1.330	980.429			980.429	17.0	0.99753	1	978.007
8S		1.620	948.074			948.074	17.0	0.99753	1	945.732
1C		7.900	454.301			454.301	18.5	0.99569	2	452.343
4P		1.110	1,219.452			1,219.452	23.0	0.99013	2	1,207.416
4S		1.140	1,215.792			1,215.792	23.0	0.99013	2	1,203.792
5P		1.130	1,279.023			1,279.023	23.0	0.99013	2	1,266.399
5S		1.120	1,280.303			1,280.303	23.0	0.99013	2	1,267.666
3C		1.120	1,280.303			1,280.303	23.0	0.99013	2	1,267.666
Totals			14,220.042			14,220.042				14,140.475

Product Code (*)	Product Name(s)	Factor by Chapt. 11.5	TOV Cu Mtrs	Free Water Cu Mtrs	GOV Cu Mtrs
1	Gasoline Au-95	6.29415	7,490.868		7,490.868
2	Gasoline Au-98	6.29409	6,729.174		6,729.174
Long Tons = Metric tons (air) x 0.984206		Totals:	14,220.042		14,220.042

Product Code (*)	Density @ 15°C	W.C.F. by Chapt. 11.5.	G.S.V. @15°C Cu Mtrs	OBQ (GOV) Cu Mtrs	G.S.V. @15°C Loaded, Cu Mtrs	G.S.V. @60°F Loaded, US bbls	Metric Tons (in air)
1	0.7362	0.73511	7,475.193		7,475.193	47,050.000	5,495.089
2	0.7381	0.73701	6,665.282		6,665.282	41,952.000	4,912.379
Totals:			14,140.475		14,140.475	89,002.000	10,407.468

Origin for Densities: Density at 15°C in vac is based on Bill of Lading density 15°C by T 53B.

Origin of Measurements: measured by ship's UTI tape and water finding paste.

Remarks: Measurements were taken from ship's hatches.

Sea valve Nos.: Starboard: Y12346 Port: Y12345

"OilJar Ltd" Representative: Nodar Guramishvili
 Master of MV "Travestern": Robert Johnston

Long Tons	*	Metric Tons (in vacuo)
5,408.30	1	5,503.237
4,834.79	2	4,919.645
10,243.09		10,422.882



OILJAR
OPTIMISING MARGINS

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Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

ULLAGE REPORT AFTER LOADING

GOST calculation by GOST 3900-47
US Bbls@60°F/Mt vac by GOST 8.595-2010

Draft: FWD: 11.00 m, AFT: 11.20 m, Trim: 0.20 m, List: Nil

Tank No	Ullage Mtrs		Total Obs. Volume Cu Mtrs	Free Water		Gross Obs. Volume Cu Mtrs	Temp °C	Density at °C	*	Metric Tonnes in Vacuo
	Actual	Corrected		Dip Mtrs	Volume Cu Mtrs					
1P		1.100	612.354			612.354	16.5	0.7352	1	450.203
1S		1.050	616.669			616.669	16.5	0.7352	1	453.375
2P		1.090	1,043.170			1,043.170	17.0	0.7348	1	766.521
2S		1.080	1,044.410			1,044.410	17.0	0.7348	1	767.432
7P		1.440	1,139.891			1,139.891	16.5	0.7352	1	838.048
7S		1.720	1,105.871			1,105.871	16.0	0.7356	1	813.479
8P		1.330	980.429			980.429	17.0	0.7348	1	720.419
8S		1.620	948.074			948.074	17.0	0.7348	1	696.645
1C		7.900	454.301			454.301	18.5	0.7354	2	334.093
4P		1.110	1,219.452			1,219.452	23.0	0.7315	2	892.029
4S		1.140	1,215.792			1,215.792	23.0	0.7315	2	889.352
5P		1.130	1,279.023			1,279.023	23.0	0.7315	2	935.605
5S		1.120	1,280.303			1,280.303	23.0	0.7315	2	936.542
3C		1.120	1,280.303			1,280.303	23.0	0.7315	2	936.542
Totals			14,220.042			14,220.042				10,430.285

Product Code (*)	Product Name(s)	Density @ 15°C	TOV Cu Mtrs	Free Water Cu Mtrs	OBQ (GOV) Cu Mtrs
1	Gasoline Au-95	0.73680	7,490.868		
2	Gasoline Au-98	0.73870	6,729.174		
Long Tons = Metric tons (air) x 0.984206		Totals:			
			14,220.042		

Product Code (*)	Density @ 20°C	Correction per 1°C	GOV Cu Mtrs	G.S.V. @20°C Cu Mtrs	G.S.V. @15°C Cu Mtrs	G.S.V. @60°F US bbls	Metric Tons (in vacuo)
1	0.7322		7,490.868	7519.971	7,473.021	47,036.350	5,506.122
2	0.7341		6,729.174	6707.756	6,665.986	41,956.310	4,924.163
Totals:			14,220.042	14227.727	14,139.007	88,992.660	10,430.285

Origin for Densities: Density at 15°C in vac is based on Bill of Lading density 15°C by T 53B.

Origin of Measurements: measured by ship's UTI tape and water finding paste.

Remarks: Measurements were taken from ship's hatches.

Sea valve Nos.: Starboard: Y12346 Port: Y12345

"OilJar Ltd" Representative: Nodar Guramishvili
Master of MV "Travestern": Robert Johnston

Long Tons	*	Metric Tons (in air)
5,411.14	1	5,497.973
4,839.22	2	4,916.875
10,250.36		10,414.848



Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi

VESSEL TANKS INSPECTION REPORT

Product Gasoline Au-95, Gasoline Au-98 Date of tank inspection: 19-Apr-17
 B/Lading date 20-Apr-17 Time of tank inspection: 08:54

We hereby report that we, "OilJar Ltd", attended on board the Vessel for the purpose of visually inspecting the nominated cargo tanks.

We report that the nominated cargo was to be loaded into the following Vessel tanks:

NOMINATED CARGO:	Gasoline Au-95	Gasoline Au-98			
PORTTANKS	1, 2, 7, 8	4, 5			
CENTRAL TANKS	Not applicable	1, 3			
STARBOARD TANKS	1, 2, 7, 8	4, 5			

Each of the listed tanks is equipped with vapour lock for manual measurements.

Each of the listed tanks were inspected by us. In our opinion the listed cargo tanks have been found to be well drained.

Inspection carried out from deck level.

PUMP(S) AND LINES

The line connections to the aforementioned cargo tanks were closed and/or blanked off at the time of inspection.

HEATING COILS WITHIN THE CARGO TANKS: None

TANK CONSTRUCTION MATERIAL reported by the Vessel to be:

Mild Steel

TANK COATING as reported by the Vessel ;

We have been informed that the interior of the cargo tanks is:

The type of coating was reported by the Vessel to be epoxy.

PREVIOUS 3 CARGOES CARRIED BY THE VESSEL reported to be

CARGO TANK	All cargo tanks
First Last Cargo	L.V. Naphtha
Second Last Cargo	Gas Oil
Third Last Cargo	Gas Oil

TANK CLEANING:

We have been informed by the vessel that tank cleaning was carried out as follows:

Well drained only.

TYPE OF OBQ:

This report does not cover the state of cleanliness and dryness of Vessel tanks, pump(s) and line systems at inaccessible spots and/or possible release of components of previous cargoes during loading, discharge or transport of the cargo, for which the Vessel is fully responsible. This report represents our findings at the time and on the date of our inspection

Master of MV "Travestern": Robert Johnston

"OilJar Ltd" Representative: Nodar Guramishvili



ON BOARD QUANTITY (OBQ) REPORT

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

Draft : FWD: m, AFT: m, Trim : m, List: Nil

Tank No	Innage Metres		Total Observed Volume	Free Water		Gross Observed Volume	Non-Liquid	Liquid, Cu Mtrs	
	Actual	Corrected	Cu Mtrs	Dip	Cu Mtrs	Cu Mtrs		by Trim correction	by Wedge formula
1P									
1S									
2P									
2S									
7P									
7S									
8P									
8S									
1C									
4P									
4S									
5P									
5S									
3C									
Tanks for reference only -			0.000		0.000	0.000	0.000	0.000	0.000

SUMMARY OF QUANTITY

Total Observed Cu Mtrs	Free Water Cu Mtrs	Gross Observed Cu Mtrs	Liquid Volume Cu Mtrs	Non-Liquid Volume Cu Mtrs
0.000	0.000	0.000	0.000	0.000

Previous product in tanks reported by the Vessel to be L.V. Naphtha

Measurements by representative of the vessel and witnessed by .

Calculations by .

Master of MV "Travestern": Robert Johnston
 "OilJar Ltd" Representative: Nodar Guramishvili



LIQUID OBQ CALCULATION BY WEDGE FORMULA

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

Draft (m) : FWD: AFT: Trim : List: Nil

Formulae : $((U - (D \times F)) \times F) + S = A$ $(A \times A \times W \times 0.5) / F = \text{Cubic Metres}$

Tank	L Metres	U Metres	D Metres	D x F	S Metres	A	A x A	W Metres	Volume Cu Mtrs
1P									
1S									
2P									
2S									
7P									
7S									
8P									
8S									
1C									
4P									
4S									
5P									
5S									
3C									

FIELD INFORMATION			L.B.P.	Length between perpendiculars
+Draft of ship Aft of		metres	L	Length of tank
-Draft of ship Forward of		metres	U	Distance from ullage point to aft bulkhead
=Trim of ship of		metres	D	Total gauge height
divided by L.B.P. of	0.00	metres	F	Trim factor
=Trim Factor of	0.00000	(F)	S	Sounding (Innage) of liquid oil
			A	Adjusted innage at aft bulkhead
			W	Width of tank

Measurements by representative of the vessel and witnessed by .
 Calculations by .

Master of MV "Travestern":

"OilJar Ltd" Representative: Nodar Guramishvili



REPORT OF SHORE BASED QUANTITY

Calculation by ASTM D 1250-2004

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95
 B/Lading date 20-Apr-17

Origin of	Before:	from analysis by Oil Terminal Laboratory
Densities:	After :	from analysis by Oil Terminal Laboratory
Pipelines (as reported by the Installation)	Before:	Full
	After :	Full
Average Density at 15°C (in vacuo):		0.7362

	Total Measured Mtrs	Free Water Mtrs	Total Observed Volume Cu Mtrs	Free Water Cu Mtrs	Floating Roof, Cu Mtrs	Shell correction	Gross Observed Volume Cu Mtrs	Actual Temp. °C	Density at 15 °C by T 53B	VCF by T 54B	Gross Standard Volume Cu Mtrs	Gross Metric Tons (in Vacuo)	Sediment mass%	Salts + Water mass%	Net Metric Tons (in Vacuo)
Tank 60	8.582		15,088.320		149.576	0.99992	14,937.549	16.6	0.7362	0.99802	14,907.973	10,975.250	-	-	10,975.250
	4.330		7,586.079		149.446	0.99990	7,435.889	15.9	0.7362	0.99889	7,427.635	5,468.225	-	-	5,468.225
Difference:			7,502.241				7,501.660				7,480.338	5,507.025			5,507.025
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
TOTAL			7,502.241				7,501.660				7,480.338	5,507.025			5,507.025



REPORT OF SHORE BASED QUANTITY

Calculation by ASTM D 1250-2004

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-98
 B/Lading date 20-Apr-17

Origin of	Before:	from analysis by Oil Terminal Laboratory
Densities:	After :	from analysis by Oil Terminal Laboratory
Pipelines (as reported by the Installation)	Before:	Full
	After :	Full
Average Density at 15°C (in vacuo):		0.7414

	Total Measured Mtrs	Free Water Mtrs	Total Observed Volume Cu Mtrs	Free Water Cu Mtrs	Floating Roof, Cu Mtrs	Shell correction	Gross Observed Volume Cu Mtrs	Actual Temp. °C	Density at 15 °C by T 53B	VCF by T 54B	Gross Standard Volume Cu Mtrs	Gross Metric Tons (in Vacuo)	Sediment mass%	Salts + Water mass%	Net Metric Tons (in Vacuo)
Tank 61	11.055		8,080.794		107.759	1.0001	7,973.753	23.7	0.7414	0.98933	7,888.673	5,848.662	-	-	5,848.662
	3.555		2,606.933		107.665	1.0001	2,499.468	23.0	0.7414	0.99019	2,474.948	1,834.926	-	-	1,834.926
Difference:			5,473.861				5,474.285				5,413.725	4,013.736			4,013.736
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
TOTAL			5,473.861				5,474.285				5,413.725	4,013.736			4,013.736



REPORT OF SHORE BASED QUANTITY

GOST calculation by GOST 3900-47

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95
 B/Lading date 20-Apr-17

Origin of Densities:	Before:	from analysis by Oil Terminal Laboratory
	After :	from analysis by Oil Terminal Laboratory
Pipelines (as reported by the Installation)	Before:	Full
	After :	Full
Average Density at 20°C (in vacuo):		0.7322

Tank	Total Measured Mtrs	Free Water Mtrs	Total Observed Volume Cu Mtrs	Free Water Cu Mtrs	Floating Roof, Cu Mtrs	Shell correction	Gross Observed Volume Cu Mtrs	Actual Temp. °C	Density at 20°C	Correction Factor per 1°C:	Actual Density	Gross Standard Volume at 20°C Cu Mtrs	Gross Metric Tons (in Vacuo)	BS +W + Salts mass%	Net Metric Tons (in Vacuo)
Tank 60	8.582		15,088.320		149.503	0.99992	14,937.622	16.6	0.7322	0.000857	0.7351	14,996.785	10,980.646	-	10,980.646
	4.330		7,586.079		149.382	0.99990	7,435.953	15.9	0.7322	0.000857	0.7357	7,471.498	5,470.631	-	5,470.631
Difference:			7,502.241				7,501.669					7,525.287	5,510.015		5,510.015
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
TOTAL			7,502.241				7,501.669					7,525.287	5,510.015		5,510.015

"OilJar Ltd" Representative: Nodar Guramishvili



REPORT OF SHORE BASED QUANTITY

GOST calculation by GOST 3900-47

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-98
 B/Lading date 20-Apr-17

Origin of Densities:	Before: from analysis by Oil Terminal Laboratory
	After : from analysis by Oil Terminal Laboratory
Pipelines (as reported by the Installation)	Before: Full
	After : Full
Average Density at 20°C (in vacuo):	0.7374

	Total Measured Mtrs	Free Water Mtrs	Total Observed Volume Cu Mtrs	Free Water Cu Mtrs	Floating Roof, Cu Mtrs	Shell correction	Gross Observed Volume Cu Mtrs	Actual Temp. °C	Density at 20°C	Correction Factor per 1°C:	Actual Density	Gross Standard Volume at 20°C Cu Mtrs	Gross Metric Tons (in Vacuo)	BS +W + Salts mass%	Net Metric Tons (in Vacuo)
Tank 61	11.055		8,080.794		107.655	1.0001	7,973.857	23.7	0.7374	0.000857	0.7342	7,939.254	5,854.406	-	5,854.406
	3.555		2,606.933		107.567	1.0001	2,499.566	23.0	0.7374	0.000857	0.7348	2,490.753	1,836.681	-	1,836.681
Difference:			5,473.861				5,474.291					5,448.501	4,017.725		4,017.725
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
Tank			-			-	-					-	-	-	-
Difference:			-			-	-					-	-	-	-
TOTAL			5,473.861				5,474.291					5,448.501	4,017.725		4,017.725

"OilJar Ltd" Representative: Nodar Guramishvili



Report No. GE-0188-04-2017
 Date 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

VESSEL EXPERIENCE REPORT

The following "Vessel Experience Factor" (VEF), has been calculated according to IP Petroleum Measurement Manual Part 16 (Annex C, Method 1), in which the following is noted (see also remarks, below):

- (a) There must be a minimum of five qualifying voyages, but more are preferred.
- (b) Voyages prior to any structural modification which may affect cargo capacities do not qualify.
- (c) Voyages where shore quantities are not available do not qualify.
- (d) No minimum percentage capacity is specified for qualification.
- (e) It is not advised whether quantities should be stated as weight or volume.

Voyage	Date	Port	Cargo	Vessel's figure (A) Metric tons	Shore Figure (B) Metric tons	Vessel Load/Disch Ratio	Qualify
Last	7-Apr-17	Arkhangelsk	Gas Oil	16,185.893	16,219.781	0.99790	Yes
2nd last	22-Mar-17	St. Petersburg	Gas Oil	15,039.957	15,027.052	1.00087	No
3rd last	8-Mar-17	Donges	Naphtha	10,008.690	10,005.434	1.00040	No
4th last	4-Mar-17	Pembroke	Gas Oil	16,123.012	16,213.426	0.99445	Yes
5th last	26-Feb-17	Mongstad	Multigrade	13,277.646	13,308.735	0.99767	Yes
6th last	16-Feb-17	Wilhelmshaven	Gas Oil	13,191.496	13,194.836	0.99970	Yes
7th last	11-Feb-17	Le Havre	Naphtha	12,754.882	12,834.611	0.99377	No
8th last	8-Feb-17	Wilhelmshaven	Gas Oil	14,456.485	14,505.649	0.99655	Yes
9th last	2-Feb-17	Rotterdam	Gas Oil	16,166.701	16,236.449	0.99575	Yes
10th last	23-Jan-17	St. Petersburg	Gas Oil	16,063.000	16,145.150	0.99492	Yes

Step (b) - Totals, excluding present cargo	143,267.762	143,691.123
Step (c) - Average Vessel Load Ratio (VLR), (A)/(B)	0.99705	
Permissible VLR range (plus / minus 0.3%)	1.00004	0.99406
Step (g) - Totals of qualifying voyages only	105,464.233	105,824.026
Step (h) - Average VLR as step (c), qualifying voyages only	0.99660	
VLR (VEF) range (plus / minus 0.3%)	0.99959	0.99361

Vessel's figures this voyage (Excluding OBQ)	10,422.882
Bill of Lading this voyage	10,422.062
Vessel loaded ratio this voyage	1.0001

Number of qualifying voyages: 7

Vessel Experience Factor 0.9966
--

The above mentioned quantities are for the last 0 voyages as obtained from ship's record and cannot be guaranteed as accurate by "OilJar Ltd". No liability can be assumed for errors resulting from improper information supplied by the vessel. Cargo information must be verified in accordance with IP Petroleum manual Manual Part 16 (Annex C, Method 1). Shore quantities derived from ship cargo measurements do not qualify, whether adjusted for VEF or not.

Remarks:

Master of MV "Travestern": Robert Johnston
 "OilJar Ltd" Representative: Nodar Guramishvili



Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

**BUNKER REPORT
(Marine Diesel Oil)**

Calculation by ASTM D 1250-2004

Average Bunker consumption per day, according to Vessel's Officer (Quantities in MT VAC)										
While at Sea:	3.0 - 3.5 Mt	While at Port:	2.5 - 3.0 Mt	While at Anchor:	2.5 - 3.0 Mt					
Last Port of Call:	Arkhangelsk	Time / Date of Sailing:	12:30	7-Apr-17						
Bunker on Sailing from last port, Mt (vac)	(as advised by Vessel)							150.000		

UPON BERTHING		Date & Time of inspection				19-Apr-17	08:30	Trim Correction applied		Yes
Draft	FWD	3.00 m	AFT	7.00 m	Trim	4.00	m	List	Nil	
Tank No	Innage Mtrs	G.O.V. Cu Mtrs	Temp °C	Density 15 °C	Density 15°C	VCF Table 54B	G.S.V. Cu Mtrs	Metric Tons (Air)	Metric Tons (Vacuo)	
Double bottom	0.180	5.300	15.0	0.8327	0.8327	1	5.300	4.408	4.413	
Bunker 2	Visual	39.000	25.0	0.8335	0.8335	0.99142	38.665	32.186	32.227	
Bunker 3	Visual	45.000	25.0	0.8325	0.8325	0.9914	44.613	37.093	37.140	
Overflow	Empty									
Service 1	Visual	8.200	25.0	0.8325	0.8325	0.9914	8.129	6.759	6.767	
Service 2	Visual	9.000	25.0	0.8575	0.8575	0.99177	8.926	7.644	7.654	
Totals:		106.500					105.633	88.090	88.201	

UPON SAILING		Date & Time of inspection				20-Apr-17	00:25	Trim Correction applied		Yes
Draft	FWD	11.00 m	AFT	11.20 m	Trim		m	List	Nil	
Tank No	Innage Mtrs	G.O.V. Cu Mtrs	Temp °C	Density 15 °C	Density 15°C	VCF Table 54B	G.S.V. Cu Mtrs	Metric Tons (Air)	Metric Tons (Vacuo)	
Double bottom	Empty									
Bunker 2	Visual	33.500	25.0	0.8335	0.8335	0.99142	33.213	27.647	27.683	
Bunker 3	Visual	45.000	25.0	0.8325	0.8325	0.9914	44.613	37.093	37.140	
Overflow	Empty									
Service 1	Visual	7.000	25.0	0.8325	0.8325	0.9914	6.940	5.770	5.778	
Service 2	Visual	9.000	25.0	0.8575	0.8575	0.99177	8.926	7.644	7.654	
Totals:		94.500					93.692	78.154	78.255	

Bunker loaded at this port: None Aforementioned densities are as advised by the Vessel.
 Remarks: Densities are as advised by ship's Chief Engineer

Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

**BUNKER REPORT
(Heavy Fuel Oil)**

Calculation by ASTM D 1250-2004

Average Bunker consumption per day, according to Vessel's Officer (Quantities in MT VAC)									
While at Sea:	22.0 - 24.0 Mt	While at Port:	2.5 - 3.0 Mt	While at Anchor:	2.5 - 3.0 Mt				
Last Port of Call:	Arkhangelsk	Time / Date of Sailing:	12:30	7-Apr-17					
Bunker on Sailing from last port, Mt (vac)	(as advised by Vessel)								

UPON BERTHING		Date & Time of inspection				19-Apr-17	08:30	Trim Correction applied		Yes
Draft	FWD	3.00 m	AFT	7.00 m	Trim	4.00	m	List	Nil	
Tank No	Innage Mtrs	G.O.V. Cu Mtrs	Temp °C	Density 15 °C	Density 15°C	VCF Table 54B	G.S.V. Cu Mtrs	Metric Tons (Air)	Metric Tons (Vacuo)	
Deeptank	Empty									
Overflow 1	Empty									
Bunker 2	4.570	119.500	45.0	0.9650	0.9650	0.97873	116.958	112.742	112.864	
Bunker 3	3.300	136.000	45.0	0.9650	0.9650	0.97873	133.107	128.308	128.448	
Settling	Visual	31.500	60.0	0.9650	0.9650	0.96801	30.492	29.393	29.425	
Service 1	Visual	30.000	75.0	0.9650	0.9650	0.95723	28.717	27.682	27.712	
Service 2	Visual	33.000	75.0	0.9545	0.9545	0.95662	31.568	30.098	30.132	
Overflow 2	Empty									
Bunker Service	Visual	12.500	70.0	0.9650	0.9650	0.96083	12.010	11.577	11.590	
Totals:		362.500					352.852	339.800	340.171	

UPON SAILING		Date & Time of inspection				20-Apr-17	00:25	Trim Correction applied		Yes
Draft	FWD	11.00 m	AFT	11.20 m	Trim	0.20	m	List	Nil	
Tank No	Innage Mtrs	G.O.V. Cu Mtrs	Temp °C	Density 15 °C	Density 15°C	VCF Table 54B	G.S.V. Cu Mtrs	Metric Tons (Air)	Metric Tons (Vacuo)	
Deeptank	Empty									
Overflow 1	Empty									
Bunker 2	4.570	119.500	45.0	0.9650	0.9650	0.97873	116.958	112.742	112.864	
Bunker 3	2.930	117.700	45.0	0.9650	0.9650	0.97873	115.197	111.044	111.165	
Settling	Visual	27.800	60.0	0.9650	0.9650	0.96801	26.911	25.941	25.969	
Service 1	Visual	30.000	75.0	0.9650	0.9650	0.95723	28.717	27.682	27.712	
Service 2	Visual	33.000	75.0	0.9545	0.9545	0.95662	31.568	30.098	30.132	
Overflow 2	Empty									
Bunker Service	Visual	10.200	70.0	0.9650	0.9650	0.96083	9.800	9.447	9.457	
Totals:		338.200					329.151	316.954	317.299	

Bunker loaded at this port: None Aforementioned densities are as advised by the Vessel.
 Remarks: Densities are as advised by ship's Chief Engineer



Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95, Gasoline Au-98
 B/Lading date 20-Apr-17

RECEIPT FOR DOCUMENTS

To: Master of MV Travestern (Robert Johnston)

Please sign for receipt of the documents listed below:

OBQ report	One
Time Log	One
Void/Ballast Tank Report	One
Vessel Experience Report	One
Ullage Report	One
Document & Sample Receipt	One
Bunker Inspection Reports	Two
Letter of Protest	One
Tank Inspection Report	One
Statement of Facts	One

Instructions regarding documents: 1 set for Vessel's own use

Master of MV "Travestern": Robert Johnston
 "OilJar Ltd" Representative: Nodar Guramishvili

RECEIPT FOR SAMPLES

To: Master of mv Travestern (Robert Johnston)

Please sign for receipt of the samples listed below:

Sample Size, Ltr	Number of Samples	Seal Numbers	Sample Description
1.000	2	10620, 10621 - for vessel	Multiple Ship's Tank Composite Samples (UML after loading) of Gasoline Au-95 ex: 1P, 1S, 2P, 2S, 7P, 7S, 8P, 8S,
			Multiple Ship's Tank Composite Sample (after loading) of Gasoline Au-98 ex: 1C, 4P, 4S, 5P, 5S, 3C,
1.000	1	234567	Multiple Shore tank composite sample (before discharge)
TOTAL	3		

Instruction regarding samples: to be held within a period of 90 days.

Master of MV "Travestern": Robert Johnston
 "OilJar Ltd" Representative: Nodar Guramishvili



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi

CERTIFICATE OF QUANTITY

Gasoline Au-95

Bill of Lading No.	1
Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	5,507.355
Gross Metric Tons in air	5,499.199
Gross Long Tons	5,412.34
Gross US barrels at 60°F	47,085.22
Gross US gallons at 60°F	1,977,579.24
Gross Cubic Metres at at 15°C	7,480.786
Gross Cubic Metres at at 20°C	7,521.654
B/L Density at 15°C in vacuo	0.7362
B/L Density at 20°C in vacuo	0.7322
API gravity from Density at 15°C as per Chapter 11.5.	60.65

Above quantities determined by "OilJar Ltd".

Criteria used for calculations:

Conv. factor US Bbls at 60°F / Mt in vacuo by GOST 8.595-2010
Conv. factor from US Bbls to US Gallons by Table 1
Metric Tons in Air = Metric tons in vacuo * WCF (by Chapter 11.5)
Long Tons = Metric Tons in Air * by

8.549516079
42
0.998519
0.984206

B/L Gross Metric tons (vac) were determined by loadport Oil Terminal.
Bill of Lading GSV at 15°C= B/L Metric Tons vacuo / B/L density at 15°C.



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi

CERTIFICATE OF QUANTITY

Gasoline Au-98

Bill of Lading No.	2
Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	4,914.707
Gross Metric Tons in air	4,907.448
Gross Long Tons	4,829.94
Gross US barrels at 60°F	41,909.78
Gross US gallons at 60°F	1,760,210.76
Gross Cubic Metres at at 15°C	6,658.592
Gross Cubic Metres at at 20°C	6,694.874
B/L Density at 15°C in vacuo	0.7381
B/L Density at 20°C in vacuo	0.7341
API gravity from Density at 15°C as per Chapter 11.5.	60.15

Above quantities determined by "OilJar Ltd".

Criteria used for calculations:

Conv. factor US Bbls at 60°F / Mt in vacuo by GOST 8.595-2010
Conv. factor from US Bbls to US Gallons by Table 1
Metric Tons in Air = Metric tons in vacuo * WCF (by Chapter 11.5)
Long Tons = Metric Tons in Air * by

8.527422779
42
0.998523
0.984206

B/L Gross Metric tons (vac) were determined by loadport Oil Terminal.
Bill of Lading GSV at 15°C = B/L Metric Tons vacuo / B/L density at 15°C.
Bill of Lading GSV at 20°C = B/L Metric Tons vacuo / B/L density at 20°C.



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

STATEMENT OF FACTS

To: Whom it may concern

We have been appointed as Inspectors on the aforementioned shipment. On behalf of our Principals we wish to draw attention of all parties to the following:

The following cargo manifold valves were sealed by "OilJar Ltd" Representative after loading:

Port FWD:	OilJar 12345
Port AFT :	OilJar 56732
Starboard FWD:	OilJar 35267
Starboard AFT :	OilJar 78654

We hereby reserve the right of our Principals to make reference to the above at a later date.

"OilJar Ltd" Representative: Nodar Guramishvili

Master of MV "Travestern": Robert Johnston

Shore representative: Sidor Ko Sidor Kovpak



Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

STATEMENT OF FACTS

To: Whom it may concern

We have been appointed as Inspectors on the aforementioned shipment. On behalf of our Principals we wish to draw attention of all parties to the following:

The shore line fullness has been verified by high point bleed valve method as per API MPMS 17.6. The data illustrating the verification of fullness of lines for gasoli and gasoline are shown below: Shore tanks nominated for the receipt of gasoil are TK XX, TK XX and TK XX. The capacity of the gasoil shore line is XX cubic metres.

	Shore tank No.	Innage (Dip)	TOV
Before	XX	X.XXX m	XXX.XXX cu m
After	XX	X.XXX m	XXX.XXX cu m
Difference observed by the shore line is			XX.XXX cu m

The shore tank nominated for gasoline is TK XX, the capacity of gasoline line is XX.XXX cu m.

	Shore tank No.	Innage (Dip)	TOV
Before	XX	X.XXX m	XXX.XXX cu m
After	XX	X.XXX m	XXX.XXX cu m
Difference observed by the shore line is			X.XXX cu m

We opened high point bleed valves to remain open until liquid appeared in steady stream. We sealed the outlet valves of the nominated shore tanks TK XX, XX and XX (for gasoil) and XX (for gasoline) and sealed the inter valves of the shore tanks TK XX (for gasoil), XX and XX (for gasoline) which have not been nominated to receive the above mentioned cargoes.

We hereby reserve the right of our Principals to make reference to the above at a later date.

"OilJar Ltd" Representative: Nodar Guramishvili
Master of MV "Travestern": Robert Johnston
Shore representative: Sidor Kovpak



Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-95
 B/Lading date 20-Apr-17

LETTER OF PROTEST

To: Whom it may concern

We have been appointed as Inspectors on the aforementioned shipment. On behalf of our Principals we do hereby lodge protest in respect of:

The apparent ship/shore difference noted between the Bill of Lading Quantity and the Quantity measured on board the above named Vessel.

	ASTM Calculation		GOST Calculation	
	<u>GROSS WEIGHT</u>		<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	5,507.355	5,499.199	5,507.355	5,499.199
Vessel's loaded quantity	5,503.237	5,495.089	5,506.122	5,497.973
Difference	-4.118	-4.110	-1.233	-1.226
Difference, %	-0.075%	-0.075%	-0.022%	-0.022%

	<u>GROSS WEIGHT</u>		<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	5,507.355	5,499.199	5,507.355	5,499.199
Vessel loaded quantity adjusted bv VEF	5,522.012	5,513.836	5,524.907	5,516.730
Difference	14.657	14.637	17.552	17.531
Difference, %	0.266%	0.266%	0.319%	0.319%

We hereby reserve the right of our Principals to make reference to the above at a later date.

Calculation by ASTM D 1250-2004
GOST calculation by GOST 3900-47

The shore tank nominated for gasoline is TK XX, the capacity of gasoline line is XX.XXX cu m.

"OilJar Ltd" Representative: Nodar Guramishvili

Master of MV "Travestern": Robert Johnston

Shore representative: Sidor Kovpak



Report no. GE-0188-04-2017
 Date of report 20-Apr-17
 Vessel Travestern
 Location Batumi
 Product Gasoline Au-98
 B/Lading date 20-Apr-17

LETTER OF PROTEST

To:	Whom it may concern
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We have been appointed as Inspectors on the aforementioned shipment. On behalf of our Principals we do hereby lodge protest in respect of:

The apparent ship/shore difference noted between the Bill of Lading Quantity and the Quantity measured on board the above named Vessel.

	ASTM Calculation		GOST Calculation	
	<u>GROSS WEIGHT</u>		<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	4,914.707	4,907.448	4,914.707	4,907.448
Vessel's loaded quantity	4,919.645	4,912.379	4,924.163	4,916.875
Difference	4.938	4.931	9.456	9.427
Difference, %	0.100%	0.100%	0.192%	0.192%

	<u>GROSS WEIGHT</u>		<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	4,914.707	4,907.448	4,914.707	4,907.448
Vessel loaded quantity adjusted hv VEF	4,936.429	4,929.138	4,940.962	4,933.649
Difference	21.722	21.690	26.255	26.201
Difference, %	0.442%	0.442%	0.534%	0.534%

We hereby reserve the right of our Principals to make reference to the above at a later date.

Calculation by ASTM D 1250-2004

GOST calculation by GOST 3900-47

The shore tank nominated for gasoline is TK XX, the capacity of gasoline line is XX.XXX cu m.

"OilJar Ltd" Representative: Nodar Guramishvili

Master of MV "Travestern": Robert Johnston

Shore representative: Sidor Kovpak



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

LETTER OF PROTEST

To: Whom it may concern

We have been appointed as Inspectors on the aforementioned shipment. On behalf of our Principals we do hereby lodge protest in respect of:

Line displacement was not performed because of lack of permission from Oil Terminal.

We hereby reserve the right of our Principals to make reference to the above at a later date.

"OilJar Ltd" Representative: Nodar Guramishvili

Master of MV "Travestern": Robert Johnston

Shore representative: Sidor Kovpak



OILJAR
OPTIMISING MARGINS

Report no. GE-0188-04-2017
Date of report 20-Apr-17
Vessel Travestern
Location Batumi
Product Gasoline Au-95, Gasoline Au-98
B/Lading date 20-Apr-17

SAMPLE LIST

Size, Ltr	Number of samples	Seal Number	Sample Description
2.500	1	Open	Multiple Ship's Tank Composite Sample (UML after loading) of Gasoline Au-95 ex: 1P, 1S, 2P, 2S, 7P, 7S, 8P, 8S,
0.450	8	Open	Single Ship's Tank Composite Samples (running after loading) of Gasoline Au-95 ex: 1P, 1S, 2P, 2S, 7P, 7S, 8P, 8S,
0.450	1	Open	Single Shore Tank Composite Samples (UML before loading) of Gasoline Au-95 ex shore tank(s): 7480.347
Total: 10 samples			

Retained samples are intended to be held within a period of 90 days.

"OilJar Ltd" Representative: Nodar Guramishvili

VITOL LOSS CONTROL FORM



Information to be reported ASAP by mail to Vitol Loss Control
 (reference code **LCL** ***** + vitol reference to be mentioned in subject line for Load reports at all times)
 (reference code **LCD** ***** + vitol reference to be mentioned in subject line for Discharge reports at all times)

Vitol INC xlosscontrolHOU@vitol.com
 Vitol ASIA xlosscontrolSIN@vitol.com
 Vitol SA xlosscontrolGVA@vitol.com
 Vitol BAHRAIN xlosscontrolBAH@vitol.com

Loadport data (*)		Disport data	
Vitol company	Vitol S.A. Geneva	Vitol company	Vitol S.A. Geneva
Vitol reference	LCL	Vitol reference	LCD
Product group	GLN	Product group	GLN
Grade	Gasoline Au-95	Grade	Gasoline Au-95
Vessel	Travestern	Vessel	Travestern
Country	United Kingdom	Country	United Kingdom
Port		Port	
Terminal name		Terminal name	
Bill of Lading details (*)		Outturn details	
Date (B/L)	20-Apr-17	Date (outturn)	20-Apr-17
Nett standard volume (N.S.V.) Cbm 15 oC	7,480.786	Nett standard volume (N.S.V.) Cbm 15 oC	
Gross standard Volume (G.S.V.) Cbm 15 oC	7,480.786	Gross standard Volume (G.S.V.) Cbm 15 oC	
Total calculated Volume (T.C.V.) Cbm 15 oC	7,480.786	Total calculated Volume (T.C.V.) Cbm 15 oC	0.581
Metric Tons Vacuo	5,507.355	Metric Tons Vacuo	
Metric Tons Air	5,499.199	Metric Tons Air	
B/L Density at 15 oC (kg/l)	0.7362	Outturn Density at 15 oC (kg/l)	
B/L API Gravity at 60 oF	60.65	Outturn API Gravity at 60 oF	
Bill of Lading based on	ASTM calc.	Outturn based on	ASTM calc.
Transfer of Bill(s) of Lading			
BS & W (*)		BS & W	
BS & W volume Cbm 15 oC		BS & W volume Cbm 15 oC	
BS & W (%)		BS & W (%)	
Sediments (%)		Sediments (%)	
Water (%)		Water (%)	
Ship's Details at loadport (*)		Ship's Details at disport	
OBQ (G.S.V. liquid volume) Cbm 15 oC		ROB (G.S.V. liquid volume) Cbm 15 oC	
OBQ (G.S.V. Non liquid volume) Cbm 15 oC		ROB (G.S.V. Non liquid volume) Cbm 15 oC	
Gross standard Volume (G.S.V.) Cbm 15 oC		Gross standard Volume (G.S.V.) Cbm 15 oC	
Free water volume after loading Cbm 15 oC		Free water volume before discharge Cbm 15 oC	
Total calculated Volume (T.C.V.) Cbm 15 oC		Total calculated Volume (T.C.V.) Cbm 15 oC	
Metric Tons Vacuo		Metric Tons Vacuo	
Metric Tons Air		Metric Tons Air	
Density at 15 oC		Density at 15 oC	
API Gravity at 60 oF		API Gravity at 60 oF	
Ship's Details (VEF Corrected) Ship's Details (VEF Corrected) (*)		Ship's Details (VEF Corrected)	
VEF	0.99660	VEF	
Qualified voyages	7	Qualified voyages	
Gross standard Volume (G.S.V.) Cbm 15 oC		Gross standard Volume (G.S.V.) Cbm 15 oC	
Total calculated Volume (T.C.V.) Cbm 15 oC		Total calculated Volume (T.C.V.) Cbm 15 oC	
Metric Tons Vacuo		Metric Tons Vacuo	
Metric Tons Air		Metric Tons Air	
COMPARISON (*)		COMPARISON	
SHIP (VEF corrected) VERSUS B/L COMPARISON			
Ship - B/L difference in volume Cbm 15 oC	-7,480.786	B/L - Outturn difference in volume Cbm 15 oC	
Ship - B/L difference in (%)	-100.00%	B/L - Outturn difference in (%)	
Ship - B/L difference in weight MTV	-5,507.355	B/L - Outturn difference in weight MTV	
Ship - B/L difference in (%)	-100.00%	B/L - Outturn difference in (%)	
SHIP (VEF corrected) VERSUS OUTTURN COMPARISON			
Ship arrival - Outturn difference in Cbm 15 oC		Ship LP - Ship DP difference in Cbm 15 oC	
Percentage		Ship LP - DP difference (%) <i>intransit</i>	
SHIP INTRANSIT COMPARISON			
General loadport details (*)		General disport details	
LOP issued (if yes to whom) (Y/N)		LOP issued (if yes to whom) (Y/N)	To whom it may concern
Line displacement performed (Y/N)		Line displacement performed (Y/N)	
Total volume of shoreline Cbm 15 oC		Total volume of shoreline Cbm 15 oC	
Superintend present (if yes fill in compan (Y/N)		Superintend present (if yes fill in compan (Y/N)	
Part cargo loaded (Y/N)		Part cargo discharged (Y/N)	
Shore tanks used for this loading		Shore tanks used for this discharge	
Ship's Tanks used for this loading		Ship's Tanks used for this discharge	
Open / Closed ship's tank sampling		Open / Closed ship's tank sampling	
No. of terminals / Jetties		No. of terminals / Jetties	
TIME LOG (*)		TIME LOG (*)	
NORT	(Date) (time)	NORT	(Date) (time)
Start loading		Start discharge	
End loading		End discharge	
PUMPING PERFORMANCE (*)		PUMPING PERFORMANCE (*)	
Average pumping rate (cbm/hr)	(hrs)	Average pumping rate (cbm/hr)	(hrs)
Time used (hrs)		Time used (hrs)	
Inspectors (*)		Inspectors	
Vitol loss control form validated and confirmed by:		Vitol loss control form validated and confirmed by:	
Inspection company at loadport		Inspection company at disport	
Inspectors Representative (Name)		Inspectors Representative (Name)	
Inspectors Representative (Title)		Inspectors Representative (Title)	
Date of reporting loss control form		Date of reporting loss control form	
Contact detail (mail)	graham@OilJar.com	Contact detail (mail)	vmcs-ops@hotmail.com
(*) Load-port data validated and confirmed to be in line with inspectors final reports		Dis-port data validated and confirmed to be in line with inspectors final reports	
		(*) Load-port data section filled with data gathered from load-port documents by surveyor at dis-port	

VITOL LOSS CONTROL FORM



Information to be reported ASAP by mail to Vitol Loss Control
 (reference code **LCL** ***** + vitol reference to be mentioned in subject line for Load reports at all times)
 (reference code **LCD** ***** + vitol reference to be mentioned in subject line for Discharge reports at all times)

Vitol INC xlosscontrolHOU@vitol.com
 Vitol ASIA xlosscontrolSIN@vitol.com
 Vitol SA xlosscontrolGVA@vitol.com
 Vitol BAHRAIN xlosscontrolBAH@vitol.com

Loadport data (*)		Disport data	
Vitol company	Vitol S.A. Geneva	Vitol company	Vitol S.A. Geneva
Vitol reference	LCL	Vitol reference	LCD
Product group	GO	Product group	GO
Grade	Gasoline Au-98	Grade	Gasoline Au-98
Vessel	Travestern	Vessel	Travestern
Country	United Kingdom	Country	United Kingdom
Port		Port	
Terminal name		Terminal name	
Bill of Lading details (*)		Outturn details	
Date (B/L)	20-Apr-17	Date (outturn)	20-Apr-17
Nett standard volume (N.S.V.)	Cbm 15 oC 6,658.592	Nett standard volume (N.S.V.)	Cbm 15 oC 6,658.592
Gross standard Volume (G.S.V.)	Cbm 15 oC 6,658.592	Gross standard Volume (G.S.V.)	Cbm 15 oC 6,658.592
Total calculated Volume (T.C.V.)	Cbm 15 oC 6,658.592	Total calculated Volume (T.C.V.)	Cbm 15 oC 6,658.592
Metric Tons	Vacuo 4,914.707	Metric Tons	Vacuo 4,914.707
Metric Tons	Air 4,907.448	Metric Tons	Air 4,907.448
B/L Density	at 15 oC (kg/l) 0.7381	Outturn Density	at 15 oC (kg/l) 0.7381
B/L API Gravity	at 60 oF 60.15	Outturn API Gravity	at 60 oF 60.15
Bill of Lading based on	ASTM calc.	Outturn based on	ASTM calc.
Transfer of Bill(s) of Lading			
BS & W (*)		BS & W	
BS & W volume	Cbm 15 oC	BS & W volume	Cbm 15 oC
BS & W (%)		BS & W (%)	
Sediments (%)		Sediments (%)	
Water (%)		Water (%)	
Ship's Details at loadport (*)		Ship's Details at disport	
OBQ (G.S.V. liquid volume)	Cbm 15 oC	ROB (G.S.V. liquid volume)	Cbm 15 oC
OBQ (G.S.V. Non liquid volume)	Cbm 15 oC	ROB (G.S.V. Non liquid volume)	Cbm 15 oC
Gross standard Volume (G.S.V.)	Cbm 15 oC	Gross standard Volume (G.S.V.)	Cbm 15 oC
Free water volume after loading	Cbm 15 oC	Free water volume before discharge	Cbm 15 oC
Total calculated Volume (T.C.V.)	Cbm 15 oC	Total calculated Volume (T.C.V.)	Cbm 15 oC
Metric Tons	Vacuo	Metric Tons	Vacuo
Metric Tons	Air	Metric Tons	Air
Density	at 15 oC	Density	at 15 oC
API Gravity	at 60 oF	API Gravity	at 60 oF
Ship's Details (VEF Corrected) Ship's Details (VEF Corrected) (*)		Ship's Details (VEF Corrected)	
VEF	0.99660	VEF	
Qualified voyages	7	Qualified voyages	
Gross standard Volume (G.S.V.)	Cbm 15 oC	Gross standard Volume (G.S.V.)	Cbm 15 oC
Total calculated Volume (T.C.V.)	Cbm 15 oC	Total calculated Volume (T.C.V.)	Cbm 15 oC
Metric Tons	Vacuo	Metric Tons	Vacuo
Metric Tons	Air	Metric Tons	Air
COMPARISON (*)		COMPARISON	
SHIP (VEF corrected) VERSUS B/L COMPARISON		B/L VERSUS OUTTURN COMPARISON	
Ship - B/L difference in volume	Cbm 15 oC -6,658.592	B/L - Outturn difference in volume	Cbm 15 oC
Ship - B/L difference in (%)	-100.00%	B/L - Outturn difference in (%)	
Ship - B/L difference in weight	MTV -4,914.707	B/L - Outturn difference in weight	MTV
Ship - B/L difference in (%)	-100.00%	B/L - Outturn difference in (%)	
SHIP (VEF corrected) VERSUS OUTTURN COMPARISON		SHIP INTRANSIT COMPARISON	
ShiR arrival - Outturn difference in	Cbm 15 oC	Ship LP - Ship DP difference in	Cbm 15 oC
Percentage		Ship LP - DP difference (%) intransit	
General loadport details (*)		General disport details	
LOP issued (if yes to whom)	(Y/N)	LOP issued (if yes to whom)	(Y/N)
Line displacement performed	(Y/N)	Line displacement performed	(Y/N)
Total volume of shoreline	Cbm 15 oC	Total volume of shoreline	Cbm 15 oC
Superintend present (if yes fill in compan	(Y/N)	Superintend present (if yes fill in compan	(Y/N)
Part cargo loaded	(Y/N)	Part cargo discharged	(Y/N)
Shore tanks used for this loading		Shore tanks used for this discharge	
Ship's Tanks used for this loading		Ship's Tanks used for this discharge	
Open / Closed ship's tank sampling		Open / Closed ship's tank sampling	
No. of terminals / Jetties		No. of terminals / Jetties	
TIME LOG (*)		TIME LOG (*)	
NORT	(Date) (time)	NORT	(Date) (time)
Start loading		Start discharge	
End loading		End discharge	
PUMPING PERFORMANCE (*)		PUMPING PERFORMANCE (*)	
Average pumping rate (cbm/hr)	(cbm/hr) (hrs)	Average pumping rate (cbm/hr)	(cbm/hr) (hrs)
Time used (hrs)		Time used (hrs)	
Inspectors (*)		Inspectors	
Vitol loss control form validated and confirmed by:		Vitol loss control form validated and confirmed by:	
Inspection company at loadport		Inspection company at disport	
Inspectors Representative (Name)		Inspectors Representative (Name)	
Inspectors Representative (Title)		Inspectors Representative (Title)	
Date of reporting loss control form		Date of reporting loss control form	
Contact detail (mail)	graham@OilJar.com	Contact detail (mail)	vmcs-ops@hotmail.com
(*) Load-port data validated and confirmed to be in line with inspectors final reports		Dis-port data validated and confirmed to be in line with inspectors final reports	
		(*) Load-port data section filled with data gathered from load-port documents by surveyor at dis-port	