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Date	28-Jun-15
Operation	RTC discharge (shipment 1)
Location	ZAO "Tamanneftegas" Terminal
Product	Fuel Oil M-100
Discharge date	27-Jun-14
Client	Vitol

We have pleasure in enclosing herewith, our report for the above referenced inspection.
The inspection was carried out according to the following reports:

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Should you have any query, or require any additional information, please
contact ZAO "Tamanneftegas"



Report No. RU 0126
 Date 28-Jun-15
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

**SUMMARY OF QUANTITIES
 DISCHARGED
 By weighbridge**

ASTM Calculation

Gross Calculation

	Metric Tons Vacuo	Metric Tons Air	GSV at 15°C	US Barrels at 60°F
RWB figures	2,145.211	2,142.757	2,315,643	14,570.932
Weighbridge figures	2,173.058	2,170.600	2,316,200	14,574.436
Difference	27.847	27.843	557	3.504
%	1.298%	1.299%	0.024%	0.024%
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.728
Weighbridge figures	2,173.058	2,170.600	2,316,200	14,574.436
Difference	9.041	9.025	10,124	63.708
%	0.418%	0.418%	0.439%	0.439%
RWB figures	2,145.211	2,142.757	2,315,643	14,571
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.728
Difference	18.806	18.818	-9,567	-60.204
%	0.877%	0.878%	-0.413%	-0.413%

Volume correction factors used for ASTM calculations were received by means of ASTM D 1250-2004.

Outturn quantities are based on Intertek calculations.

TIME LOG

	Time	Date
RTCs arrived at RTC rack	05:00	27-Jun-14
Inspector arrived at RTC rack	05:00	27-Jun-14
Measurements Completed	06:30	27-Jun-14
Commenced Discharge	06:41	27-Jun-14
Completed Discharge	23:54	27-Jun-14
Rail Tank Cars Inspected	00:50	28-Jun-14
RTCs departed	01:10	28-Jun-14

	Average (pro rata) density at 15°C, kg/l	Average (pro rata) API at 60°F	Gross US barrels at 60°F from Gross Mt vac by Ch. 11.5 ex Cu M
Railway Bill	0.9264	21.15	6.292390652
Weighbridge	0.9382	19.23	6.292390652
Outturn	0.9384	19.20	6.292390652

For and on behalf of ZAO "Tamanneftegas": Andrey Filimonov



Report No. RU 0126
 Date 28-Jun-15
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 Location ZAO "Tamaneftegaz" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

**SUMMARY OF QUANTITIES
 DISCHARGED
 By weighbridge**

GOST Calculation

Gross Calculation

	Metric Tons Vacuo	Metric Tons Air	GSV at 15°C	US Barrels at 60°F
RWB figures	2,145.211	2,142.757	2,315,643	14,570.788
Weighbridge figures	2,173.058	2,170.600	2,316,200	14,574.176
Difference	27.847	27.843	557	3.388
%	1.298%	1.299%	0.024%	0.023%
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.361
Weighbridge figures	2,173.058	2,170.600	2,316,200	14,574.176
Difference	9.041	9.025	10,124	63.815
%	0.418%	0.418%	0.439%	0.440%
RWB figures	2,145.211	2,142.757	2,315,643	14,571
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.361
Difference	18.806	18.818	-9,567	-60.427
%	0.877%	0.878%	-0.413%	-0.415%

Densities used for GOST calculations were received by means of GOST R 8.595-2004.

Outturn quantities are based on Intertek calculations.

TIME LOG

	Time	Date
RTCs arrived at RTC rack	05:00	27-Jun-14
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Rail Tank Cars Inspected	00:50	28-Jun-14
RTCs departed	01:10	28-Jun-14

	Average (pro rata) density at 15°C, kg/l	Average (pro rata) API at 60°F	Gross US barrels at 60°F from Gross Mt vac by GOST 8.595-2010
Railway Bill	0.9264	21.15	6.79224
Weighbridge	0.9382	19.23	6.70676
Outturn	0.9384	19.20	6.70529

For and on behalf of ZAO "Tamaneftegaz": Andrey Filimonov



Report No. RU 0126
 Date 28-Jun-15
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegas" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

**SUMMARY OF QUANTITIES
 DISCHARGED**
By manual measurements

ASTM Calculation

Gross Calculation

	Metric Tons Vacuo	Metric Tons Air	GSV at 15°C	US Barrels at 60°F
RWB figures	2,145.211	2,142.757	2,315,643	14,570.932
Surveyor's figures	2,161.862	2,159.421	2,304,889	14,503.266
Difference	16.651	16.664	-10,754	-67.666
%	0.776%	0.778%	-0.464%	-0.464%
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.728
Surveyor's figures	2,161.862	2,159.421	2,304,889	14,503.266
Difference	-2.155	-2.154	-1,187	-7.462
%	-0.100%	-0.100%	-0.051%	-0.051%
RWB figures	2,145.211	2,142.757	2,315,643	14,571
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.728
Difference	18.806	18.818	-9,567	-60.204
%	0.877%	0.878%	-0.413%	-0.413%

Volume correction factors used for ASTM calculations were received by means of ASTM D 1250-2004.

Outturn quantities are based on Intertek calculations.

TIME LOG

	Time	Date
RTCs arrived at RTC rack	05:00	27-Jun-14
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RTCs departed	01:10	28-Jun-14

	Average (pro rata) density at 15°C, kg/l	Average (pro rata) API at 60°F	Gross US barrels at 60°F from GSV at 15°C by Ch. 11.5 ex Cu M
Railway Bill	0.9264	21.15	6.292390652
By Surveyor	0.9379	19.28	6.292390652
Outturn	0.9384	19.20	6.292390652

For and on behalf of ZAO "Tamaneftegas": Andrey Filimonov



Report No. RU 0126
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 Product Fuel Oil M-100
 Discharge date 27-Jun-14

**SUMMARY OF QUANTITIES
 DISCHARGED**
By manual measurements

GOST Calculation
 by GOST R 8.595-2004

Gross Calculation

	Metric Tons Vacuo	Metric Tons Air	GSV at 15°C	US Barrels at 60°F
RWB figures	2,145.211	2,142.757	2,315,643	14,570.788
Surveyor's figures	2,162.862	2,160.421	2,305,332	14,506.965
Difference	17.651	17.664	-10,311	-63.823
%	0.823%	0.824%	-0.445%	-0.438%
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.361
Surveyor's figures	2,162.862	2,160.421	2,305,332	14,506.965
Difference	-1.155	-1.154	-744	-3.396
%	-0.053%	-0.053%	-0.032%	-0.023%
RWB figures	2,145.211	2,142.757	2,315,643	14,570.788
Outturn figures	2,164.017	2,161.575	2,306,076	14,510.361
Difference	18.806	18.818	-9,567	-60.427
%	0.877%	0.878%	-0.413%	-0.415%

Densities at 15°C and VCF (CTPL) used for calculations by GOST R 8.595-2004 received by means of ASTM D 1250-2004

Outturn quantities are based on Intertek calculations.

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	Time	Date
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	Average (pro rata) density at 15°C, kg/l	Average (pro rata) API at 60°F	Gross US barrels at 60°F from Gross Mt vac by GOST 8.595-2010
Railway Bill	0.9264	21.15	6.79224
By Surveyor	0.9382	19.23	6.70676
Outturn	0.9384	19.20	6.70529

For and on behalf of ZAO "Tamaneftegaz": Andrey Filimonov



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 Product Fuel Oil M-100
 Discharge date 27-Jun-14

RTC DISCHARGE REPORT

Weighbridge Measurements

No	RTC No.	Weighbridge Before	Weighbridge After	Mt air (Gross)	Outturn		Surveyor's Calculations			Outturn	
					Density at 15°C*	Density at 15°C*	vac-to-air by Ch. 11.5.3.	Mt vacuo (Gross)	Mt vacuo (Gross)	Diff. Mt	Diff. %
1	51908788	87.150	25.450	61.700	0.9384	0.9382	0.99887	61.770	61.649	0.121	0.20%
2	53853776	87.600	26.400	61.200	0.9384	0.9382	0.99887	61.269	61.005	0.264	0.43%
3	53854451	87.300	26.000	61.300	0.9384	0.9382	0.99887	61.369	61.286	0.083	0.14%
4	50066414	80.300	22.450	57.850	0.9384	0.9382	0.99887	57.915	57.791	0.124	0.21%
5	50095793	80.000	22.900	57.100	0.9384	0.9382	0.99887	57.165	56.968	0.197	0.35%
6	51908135	90.150	25.700	64.450	0.9384	0.9382	0.99887	64.523	64.442	0.081	0.13%
7	54724364	89.250	25.700	63.550	0.9384	0.9382	0.99887	63.622	63.223	0.399	0.63%
8	57254500	78.350	22.100	56.250	0.9384	0.9382	0.99887	56.314	55.686	0.628	1.13%
9	57698730	79.800	22.500	57.300	0.9384	0.9382	0.99887	57.365	57.351	0.014	0.02%
10	50232750	80.050	22.650	57.400	0.9384	0.9382	0.99887	57.465	57.414	0.051	0.09%
11	51055887	81.700	22.800	58.900	0.9384	0.9382	0.99887	58.967	58.549	0.418	0.71%
12	50956127	82.150	22.950	59.200	0.9384	0.9382	0.99887	59.267	59.041	0.226	0.38%
13	51072395	84.000	25.300	58.700	0.9384	0.9382	0.99887	58.766	58.599	0.167	0.28%
14	51861045	84.450	25.650	58.800	0.9384	0.9382	0.99887	58.867	58.611	0.256	0.44%
15	51875946	81.200	22.050	59.150	0.9384	0.9382	0.99887	59.217	59.041	0.176	0.30%
16	51887032	81.450	23.050	58.400	0.9384	0.9382	0.99887	58.466	58.252	0.214	0.37%
17	51976249	81.500	22.750	58.750	0.9384	0.9382	0.99887	58.816	58.399	0.417	0.71%
18	57373177	80.950	21.950	59.000	0.9384	0.9382	0.99887	59.067	58.841	0.226	0.38%
19	73501967	82.700	22.550	60.150	0.9384	0.9382	0.99887	60.218	60.026	0.192	0.32%
20	73529901	81.600	22.650	58.950	0.9384	0.9382	0.99887	59.017	58.873	0.144	0.24%
21	50205285	88.150	26.100	62.050	0.9384	0.9382	0.99887	62.120	61.800	0.320	0.52%
22	50205418	88.200	25.500	62.700	0.9384	0.9382	0.99887	62.771	62.379	0.392	0.63%
23	50205681	88.300	25.850	62.450	0.9384	0.9382	0.99887	62.521	62.215	0.306	0.49%
24	51973279	82.950	22.700	60.250	0.9384	0.9382	0.99887	60.318	60.182	0.136	0.23%
25	53853677	86.800	26.300	60.500	0.9384	0.9382	0.99887	60.568	60.579	-0.011	-0.02%
26	73629107	81.800	22.300	59.500	0.9384	0.9382	0.99887	59.567	59.298	0.269	0.45%
27	50077189	88.500	25.750	62.750	0.9384	0.9382	0.99887	62.821	62.301	0.520	0.83%
28	50080019	88.050	26.450	61.600	0.9384	0.9382	0.99887	61.670	61.621	0.049	0.08%
29	50205251	87.950	26.300	61.650	0.9384	0.9382	0.99887	61.720	61.371	0.349	0.57%
30	50205541	89.150	26.450	62.700	0.9384	0.9382	0.99887	62.771	62.457	0.314	0.50%
31	53853842	88.950	26.350	62.600	0.9384	0.9382	0.99887	62.671	62.381	0.290	0.46%
32	53853925	87.500	24.900	62.600	0.9384	0.9382	0.99887	62.671	62.269	0.402	0.65%
33	53854410	88.100	25.300	62.800	0.9384	0.9382	0.99887	62.871	62.219	0.652	1.05%
34	50966175	85.250	25.450	59.800	0.9384	0.9382	0.99887	59.868	59.356	0.512	0.86%
35	73449969	82.800	24.000	58.800	0.9384	0.9382	0.99887	58.867	58.833	0.034	0.06%
36	74257411	84.900	25.150	59.750	0.9384	0.9382	0.99887	59.818	59.709	0.109	0.18%
Totals :				2,170.600				2,173.058	2,164.017	9.041	0.42%

For and on behalf of ZAO "Tamaneftegaz": Andrey Filimonov



Report No. RU 0126
Date 28-Jun-15
Operation RTC discharge (shipment 1)
Location ZAO "Tamanneftegas" Terminal
Product Fuel Oil M-100
Discharge date 27-Jun-14

RTC MEASURED DATA

Manual Measurements

No	RTC No.	RWB Date	Seal No.	RTC Type	Temp. °C	R.O.B.		Water		T.O.V.	
						dip cm	Volume ltr	dip cm	Volume ltr	dip cm	Volume ltr
1	51908788	20-Jun-14	7592534	66	32.1	3.0	15	Nil		234.2	66,521
2	53853776	20-Jun-14	7592575	62	32.2	2.0		Nil		255.0	65,815
3	53854451	20-Jun-14	7592571	62	32.4	3.0	15	Nil		256.4	66,128
4	50066414	20-Jun-14	7592808	62	32.3	2.0		Nil		240.5	62,353
5	50095793	20-Jun-14	7591869	62	32.3	3.0	15	Nil		237.0	61,465
6	51908135	20-Jun-14	7591867	66	32.5	3.0	15	Nil		244.3	69,553
7	54724364	20-Jun-14	7591868	66	32.4	2.0		Nil		239.8	68,218
8	57254500	20-Jun-14	7591870	62	32.3	3.0	15	Nil		231.7	60,081
9	57698730	20-Jun-14	7591891	62	32.2	2.0		Nil		238.6	61,873
10	50232750	20-Jun-14	7593425	62	32.4	3.0	15	Nil		238.9	61,950
11	51055887	20-Jun-14	7593433	62	32.3	3.0	15	Nil		243.8	63,171
12	50956127	20-Jun-14	7593496	62	32.5	2.0		Nil		246.0	63,710
13	51072395	20-Jun-14	7593497	62	32.2	3.0	15	Nil		244.0	63,220
14	51861045	20-Jun-14	7593494	53	32.4	3.0	120	Nil		245.1	63,363
15	51875946	20-Jun-14	7593493	62	32.5	3.0	15	Nil		246.0	63,710
16	51887032	20-Jun-14	7593499	62	32.3	3.0	15	Nil		242.5	62,850
17	51976249	20-Jun-14	7593492	62	32.1	2.0		Nil		243.1	63,000
18	57373177	20-Jun-14	7593498	62	32.4	3.0	15	Nil		245.1	63,490
19	73501967	20-Jun-14	7593491	62	32.2	3.0	15	Nil		250.4	64,759
20	73529901	20-Jun-14	7593495	53	32.3	3.0	120	Nil		246.3	63,642
21	50205285	20-Jun-14	7591897	62	32.3	3.0	15	Nil		258.9	66,678
22	50205418	20-Jun-14	7591899	62	32.2	2.0		Nil		261.8	67,298
23	50205681	20-Jun-14	7591898	62	32.4	3.0	15	Nil		261.0	67,130
24	51973279	20-Jun-14	7591854	62	32.6	2.0		Nil		251.2	64,946
25	53853677	20-Jun-14	7591900	62	32.3	3.0	15	Nil		253.0	65,360
26	73629107	20-Jun-14	7591859	62	32.2	3.0	15	Nil		247.1	63,974
27	50077189	20-Jun-14	7592412	62	32.2	3.0	15	Nil		261.4	67,214
28	50080019	20-Jun-14	7592413	62	32.2	3.0	15	Nil		258.0	66,480
29	50205251	20-Jun-14	7592409	62	32.3	3.0	15	Nil		256.8	66,216
30	50205541	20-Jun-14	7592415	62	32.2	3.0	15	Nil		262.2	67,382
31	53853842	20-Jun-14	7592411	62	32.3	4.0	35	Nil		262.0	67,340
32	53853925	20-Jun-14	7592410	62	32.5	3.0	15	Nil		261.3	67,193
33	53854410	20-Jun-14	7592414	62	32.3	3.0	15	Nil		261.0	67,130
34	50966175	20-Jun-14	8365944	62	32.4	2.0		Nil		247.4	64,046
35	73449969	20-Jun-14	8365941	62	32.6	2.0		Nil		245.1	63,490
36	74257411	20-Jun-14	8365945	62	32.5	3.0	15	Nil		249.0	64,430
Totals :							620		0		2,335,176

For and on behalf of ZAO "Tamanneftegas": Andrey Filimonov



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 Date 28-Jun-15
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

RTC DISCHARGE REPORT
 Manual measurements, ASTM Calculation

No	RTC No.	G.O.V. ltr	Surveyor's Calculations					RWB		Difference		Outturn Mt vacuo (Gross)
			Density at 15°C*	Density at 15°C*	V.C.F. T 54B	G.S.V. ltr	Mt vacuo (Gross)	Mt vacuo (Gross)	Mt	%		
1	51908788	66,521	0.9264	0.9382	0.98746	65,672	61.599	60.070	1.529	2.55%	61.649	
2	53853776	65,815	0.9264	0.9382	0.98739	64,985	60.969	60.936	0.033	0.05%	61.005	
3	53854451	66,128	0.9264	0.9382	0.98724	65,269	61.221	60.936	0.285	0.47%	61.286	
4	50066414	62,353	0.9264	0.9382	0.98731	61,561	57.757	57.629	0.128	0.22%	57.791	
5	50095793	61,465	0.9264	0.9382	0.98731	60,670	56.907	56.544	0.363	0.64%	56.968	
6	51908135	69,553	0.9264	0.9382	0.98716	68,645	64.389	63.939	0.450	0.70%	64.442	
7	54724364	68,218	0.9264	0.9382	0.98724	67,348	63.186	62.392	0.794	1.27%	63.223	
8	57254500	60,081	0.9264	0.9382	0.98731	59,303	55.624	55.882	-0.258	-0.46%	55.686	
9	57698730	61,873	0.9264	0.9382	0.98739	61,093	57.317	56.103	1.214	2.16%	57.351	
10	50232750	61,950	0.9264	0.9382	0.98724	61,144	57.351	57.203	0.148	0.26%	57.414	
11	51055887	63,171	0.9264	0.9382	0.98731	62,355	58.487	57.411	1.076	1.87%	58.549	
12	50956127	63,710	0.9264	0.9382	0.98716	62,892	59.005	58.312	0.693	1.19%	59.041	
13	51072395	63,220	0.9264	0.9382	0.98739	62,408	58.537	58.113	0.424	0.73%	58.599	
14	51861045	63,363	0.9264	0.9382	0.98724	62,436	58.465	58.126	0.339	0.58%	58.611	
15	51875946	63,710	0.9264	0.9382	0.98716	62,877	58.977	58.901	0.076	0.13%	59.041	
16	51887032	62,850	0.9264	0.9382	0.98731	62,038	58.190	57.909	0.281	0.49%	58.252	
17	51976249	63,000	0.9264	0.9382	0.98746	62,209	58.364	57.085	1.279	2.24%	58.399	
18	57373177	63,490	0.9264	0.9382	0.98724	62,665	58.778	58.511	0.267	0.46%	58.841	
19	73501967	64,759	0.9264	0.9382	0.98739	63,928	59.963	58.901	1.062	1.80%	60.026	
20	73529901	63,642	0.9264	0.9382	0.98731	62,716	58.728	58.507	0.221	0.38%	58.873	
21	50205285	66,678	0.9264	0.9382	0.98731	65,817	61.735	61.209	0.526	0.86%	61.800	
22	50205418	67,298	0.9264	0.9382	0.98739	66,449	62.342	61.041	1.301	2.13%	62.379	
23	50205681	67,130	0.9264	0.9382	0.98724	66,259	62.150	61.378	0.772	1.26%	62.215	
24	51973279	64,946	0.9264	0.9382	0.98709	64,108	60.146	59.971	0.175	0.29%	60.182	
25	53853677	65,360	0.9264	0.9382	0.98731	64,516	60.515	60.335	0.180	0.30%	60.579	
26	73629107	63,974	0.9264	0.9382	0.98739	63,152	59.235	59.216	0.019	0.03%	59.298	
27	50077189	67,214	0.9264	0.9382	0.98739	66,352	62.237	61.475	0.762	1.24%	62.301	
28	50080019	66,480	0.9264	0.9382	0.98739	65,627	61.557	61.306	0.251	0.41%	61.621	
29	50205251	66,216	0.9264	0.9382	0.98731	65,361	61.308	60.786	0.522	0.86%	61.371	
30	50205541	67,382	0.9264	0.9382	0.98739	66,518	62.393	61.639	0.754	1.22%	62.457	
31	53853842	67,340	0.9264	0.9382	0.98731	66,451	62.311	62.120	0.191	0.31%	62.381	
32	53853925	67,193	0.9264	0.9382	0.98716	66,315	62.203	60.608	1.595	2.63%	62.269	
33	53854410	67,130	0.9264	0.9382	0.98731	66,263	62.154	60.786	1.368	2.25%	62.219	
34	50966175	64,046	0.9264	0.9382	0.98724	63,229	59.321	61.032	-1.711	-2.80%	59.356	
35	73449969	63,490	0.9264	0.9382	0.98709	62,670	58.797	59.157	-0.360	-0.61%	58.833	
36	74257411	64,430	0.9264	0.9382	0.98716	63,588	59.644	59.742	-0.098	-0.16%	59.709	
Totals :		2,335,176				2,304,889	2,161.862	2,145.211	16.651	0.78%	2,164.017	

Densities at 15°C and VCF (CTPL) used for ASTM calculations were received by means of ASTM D 1250-2004.

For and on behalf of ZAO "Tamanneftegas": Andrey Filimonov



Report No. RU 0126
 Date 28-Jun-15
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegas" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

RTC DISCHARGE REPORT

Manual measurements, GOST Calculation
 by GOST R 8.595-2004

No	RTC No.	G.O.V. ltr	Surveyor's Calculations				RWB		Difference		Outturn
			Density at 15°C	V.C.F. T 54B	G.S.V., ltr Discharged	G.S.V., ltr x Shell Correction	Mt vacuo (Gross)	Mt vacuo (Gross)	Mt	%	Mt vacuo (Gross)
1	51908788	66,521	0.9382	0.98746	65,657	65,687	61.628	60.070	1.558	2.59%	61.649
2	53853776	65,815	0.9382	0.98739	64,985	65,015	60.997	60.936	0.061	0.10%	61.005
3	53854451	66,128	0.9382	0.98724	65,254	65,284	61.249	60.936	0.313	0.51%	61.286
4	50066414	62,353	0.9382	0.98731	61,561	61,589	57.783	57.629	0.154	0.27%	57.791
5	50095793	61,465	0.9382	0.98731	60,655	60,683	56.933	56.544	0.389	0.69%	56.968
6	51908135	69,553	0.9382	0.98716	68,630	68,662	64.419	63.939	0.480	0.75%	64.442
7	54724364	68,218	0.9382	0.98724	67,348	67,379	63.215	62.392	0.823	1.32%	63.223
8	57254500	60,081	0.9382	0.98731	59,288	59,315	55.649	55.882	-0.233	-0.42%	55.686
9	57698730	61,873	0.9382	0.98739	61,093	61,121	57.344	56.103	1.241	2.21%	57.351
10	50232750	61,950	0.9382	0.98724	61,129	61,157	57.377	57.203	0.174	0.30%	57.414
11	51055887	63,171	0.9382	0.98731	62,340	62,369	58.515	57.411	1.104	1.92%	58.549
12	50956127	63,710	0.9382	0.98716	62,892	62,921	59.032	58.312	0.720	1.23%	59.041
13	51072395	63,220	0.9382	0.98739	62,393	62,422	58.564	58.113	0.451	0.78%	58.599
14	51861045	63,363	0.9382	0.98724	62,316	62,345	58.492	58.126	0.366	0.63%	58.611
15	51875946	63,710	0.9382	0.98716	62,862	62,891	59.004	58.901	0.103	0.17%	59.041
16	51887032	62,850	0.9382	0.98731	62,023	62,052	58.217	57.909	0.308	0.53%	58.252
17	51976249	63,000	0.9382	0.98746	62,209	62,237	58.391	57.085	1.306	2.29%	58.399
18	57373177	63,490	0.9382	0.98724	62,650	62,679	58.805	58.511	0.294	0.50%	58.841
19	73501967	64,759	0.9382	0.98739	63,913	63,942	59.990	58.901	1.089	1.85%	60.026
20	73529901	63,642	0.9382	0.98731	62,596	62,625	58.755	58.507	0.248	0.42%	58.873
21	50205285	66,678	0.9382	0.98731	65,802	65,832	61.764	61.209	0.555	0.91%	61.800
22	50205418	67,298	0.9382	0.98739	66,449	66,479	62.371	61.041	1.330	2.18%	62.379
23	50205681	67,130	0.9382	0.98724	66,244	66,275	62.179	61.378	0.801	1.31%	62.215
24	51973279	64,946	0.9382	0.98709	64,108	64,138	60.174	59.971	0.203	0.34%	60.182
25	53853677	65,360	0.9382	0.98731	64,501	64,531	60.543	60.335	0.208	0.34%	60.579
26	73629107	63,974	0.9382	0.98739	63,137	63,166	59.262	59.216	0.046	0.08%	59.298
27	50077189	67,214	0.9382	0.98739	66,337	66,367	62.266	61.475	0.791	1.29%	62.301
28	50080019	66,480	0.9382	0.98739	65,612	65,642	61.585	61.306	0.279	0.46%	61.621
29	50205251	66,216	0.9382	0.98731	65,346	65,376	61.336	60.786	0.550	0.90%	61.371
30	50205541	67,382	0.9382	0.98739	66,503	66,533	62.421	61.639	0.782	1.27%	62.457
31	53853842	67,340	0.9382	0.98731	66,416	66,447	62.341	62.120	0.221	0.36%	62.381
32	53853925	67,193	0.9382	0.98716	66,300	66,331	62.232	60.608	1.624	2.68%	62.269
33	53854410	67,130	0.9382	0.98731	66,248	66,279	62.183	60.786	1.397	2.30%	62.219
34	50966175	64,046	0.9382	0.98724	63,229	63,258	59.349	61.032	-1.683	-2.76%	59.356
35	73449969	63,490	0.9382	0.98709	62,670	62,700	58.825	59.157	-0.332	-0.56%	58.833
36	74257411	64,430	0.9382	0.98716	63,573	63,603	59.672	59.742	-0.070	-0.12%	59.709
Totals :		2,335,176			2,304,269		2,162.862	2,145.211	17.651	0.82%	2,164.017

Densities at 15°C and VCF (CTPL) used for calculations by GOST R 8.595-2004 received by means of ASTM D 1250-2004.
 Measuring rod made of: Russian steel. Coefficient of thermal expansion of Russian steel is 0.0000125.
 RTC shell made of: Russian steel. Coefficient of thermal expansion of Russian steel is 0.0000125.

For and on behalf of ZAO "Tamaneftegas": Andrey Filimonov



Report No. RU 0126
 Date 28-Jun-15
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Fuel Oil M-100
 Discharge date 27-Jun-14

**RTC CALCULATED DATA
 (US Barrels Comparison)**

No	RTC No.	Surveyor's Calculations		Surveyor's Calculations		RWB Barrels			
		ASTM Calculation		GOST Calculation		GOST Calculation			
		Gross US Barrels		Gross US Barrels		Gross US Barrels			
1	51908788	413.234		413.357		408.010			
2	53853776	408.911		409.125		413.892			
3	53854451	410.698		410.815		413.892			
4	50066414	387.366		387.568		391.430			
5	50095793	381.759		381.867		384.060			
6	51908135	431.941		432.078		434.289			
7	54724364	423.780		424.002		423.781			
8	57254500	373.158		373.255		379.564			
9	57698730	384.421		384.623		381.065			
10	50232750	384.742		384.845		388.537			
11	51055887	392.362		392.478		389.949			
12	50956127	395.741		395.945		396.069			
13	51072395	392.696		392.806		394.717			
14	51861045	392.872		392.323		394.806			
15	51875946	395.647		395.758		400.070			
16	51887032	390.367		390.479		393.332			
17	51976249	391.443		391.646		387.735			
18	57373177	394.313		394.423		397.421			
19	73501967	402.260		402.371		400.070			
20	73529901	394.634		394.087		397.394			
21	50205285	414.146		414.270		415.746			
22	50205418	418.123		418.341		414.605			
23	50205681	416.928		417.053		416.894			
24	51973279	403.393		403.605		407.337			
25	53853677	405.960		406.080		409.810			
26	73629107	397.377		397.488		402.209			
27	50077189	417.513		417.637		417.553			
28	50080019	412.951		413.069		416.405			
29	50205251	411.277		411.399		412.873			
30	50205541	418.557		418.676		418.667			
31	53853842	418.136		418.140		421.934			
32	53853925	417.280		417.409		411.664			
33	53854410	416.953		417.080		412.873			
34	50966175	397.862		398.072		414.544			
35	73449969	394.344		394.557		401.809			
36	74257411	400.121		400.238		405.782			
Totals :		14,503.266		14,506.965		14,570.788			

GOST Calculation: Gross US barrels at 60°F were received from Gross Mt vac multiplied by the factor from GOST 8.595-2010.

ASTM Calculation: Gross US barrels at 60°F were received from GSV at 15°C multiplied by the factor from API MPMS Chapter 11.5.3.

For and on behalf of ZAO "Tamaneftegaz": Andrey Filimonov



CERTIFICATE OF QUALITY

Official Loading Certificate

Report No. RU 0126
Date 28-Jun-15
Operation RTC discharge (shipment 1)
Location ZAO "Tamanneftegas" Terminal
Product Fuel Oil M-100
Discharge date 27-Jun-14

SAMPLE OF: Fuel Oil M-100
SAMPLE DRAWN: by Shymkent refinery staff
SAMPLE DESCRIPTION: Single Shore Tank Composite
Sample ex Shore tank 675

RECEIVED ON: 20-Jun-15
TESTING PERFORMED BY: The analysis was carried out by Shymkent refinery Laboratory.
ON THE: 28-Jun-15

Test		Method	Specification	Result
Viscosity at 100°C	°Engler,	ASTM D 445	max. 6.8,	4.2
Ash	% mass	ASTM D 482	max. 0.05,	0.033
Water content	% mass	ASTM D 95	max. 1.0,	0.12
Sulphur	% mass	ASTM D 4294	max. 0.5,	0.33
Flash point in open cup	°C	ASTM D 92-12b	min. +110°C,	189
Sediments	% mass	ASTM D 473	max. 1.0,	0.14
Pour Point	°C	ASTM D 97-12	max. +42°C,	+26
Water-soluble Acids and Alkalis	% mass	GOST 6307	Nil,	Nil
Net Heat of Combustion on basis of dry fuel	kJ/kg	GOST 21261 / ASTM D 4868	min. 40530,	42046
Density at 20°C	kg/ltr	ASTM D 4052	no norm,	0.923

For and on behalf of ZAO "Tamanneftegas": Andrey Filimonov



Report No. RU 0126
Date 28-Jun-15
Operation RTC discharge (shipment 1)
Location ZAO "Tamaneftegaz" Terminal
Product Fuel Oil M-100
Discharge date 27-Jun-14

CERTIFICATE OF LOADING

Item No.	Customs Declaration No.	Railway Bill Date	RWB No.	RTC No.	RWB Quantity Mt	Surveyor's Quantity, Mt	Shipment No.
1	675889101254	20-Jun-14	403142	51908788	60.070	61.628	001
2	675889101254	20-Jun-14	403148	53853776	60.936	60.997	001
3	675889101254	20-Jun-14	403148	53854451	60.936	61.249	001
4	675889101254	20-Jun-14	403150	50066414	57.629	57.783	001
5	675889101254	20-Jun-14	403157	50095793	56.544	56.933	001
6	675889101254	20-Jun-14	403157	51908135	63.939	64.419	001
7	675889101254	20-Jun-14	403157	54724364	62.392	63.215	001
8	675889101254	20-Jun-14	403157	57254500	55.882	55.649	001
9	675889101254	20-Jun-14	403162	57698730	56.103	57.344	001
10	675889101254	20-Jun-14	403163	50232750	57.203	57.377	001
11	675889101254	20-Jun-14	403163	51055887	57.411	58.515	001
12	675889101254	20-Jun-14	403169	50956127	58.312	59.032	001
13	675889101254	20-Jun-14	403169	51072395	58.113	58.564	001
14	675889101254	20-Jun-14	403169	51861045	58.126	58.492	001
15	675889101254	20-Jun-14	403169	51875946	58.901	59.004	001
16	675889101254	20-Jun-14	403169	51887032	57.909	58.217	001
17	675889101254	20-Jun-14	403169	51976249	57.085	58.391	001
18	675889101254	20-Jun-14	403169	57373177	58.511	58.805	001
19	675889101254	20-Jun-14	403169	73501967	58.901	59.990	001
20	675889101254	20-Jun-14	403169	73529901	58.507	58.755	001
21	675889101254	20-Jun-14	403177	50205285	61.209	61.764	001
22	675889101254	20-Jun-14	403177	50205418	61.041	62.371	001
23	675889101254	20-Jun-14	403177	50205681	61.378	62.179	001
24	675889101254	20-Jun-14	403177	51973279	59.971	60.174	001
25	675889101254	20-Jun-14	403177	53853677	60.335	60.543	001
26	675889101254	20-Jun-14	403177	73629107	59.216	59.262	001
27	675889101254	20-Jun-14	403181	50077189	61.475	62.266	001
28	675889101254	20-Jun-14	403181	50080019	61.306	61.585	001
29	675889101254	20-Jun-14	403181	50205251	60.786	61.336	001
30	675889101254	20-Jun-14	403181	50205541	61.639	62.421	001
31	675889101254	20-Jun-14	403181	53853842	62.120	62.341	001
32	675889101254	20-Jun-14	403181	53853925	60.608	62.232	001
33	675889101254	20-Jun-14	403181	53854410	60.786	62.183	001
34	675889101254	20-Jun-14	403216	50966175	61.032	59.349	001
35	675889101254	20-Jun-14	403216	73449969	59.157	58.825	001
36	675889101254	20-Jun-14	403216	74257411	59.742	59.672	001
Totals :					2,145.211	2,162.862	

Remarks:

Gross US barrels at 60°F were received from Gross Mt vac multiplied by the factor from GOST 8.595-2010.
API Gravity converted from Railway Bill Density at 15°C by API MPMS Chapter 11.5.3.
Railway Bill Density at 15°C converted from Railway Bill Density at 20°C by ASTM T 53B.

For and on behalf of ZAO "Tamaneftegaz": Andrey Filimonov