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Date	25-Jun-14
Operation	RTC discharge (shipment 1)
Location	ZAO "Tamaneftegaz" Terminal
Product	Crude Oil
Discharge date	24-Jun-14
Client	Tengizchevroil

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 "Tamaneftegaz"



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-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	4,110.093	4,104.489	5,202,649	32,741.683
Surveyor's figures	4,061.958	4,056.407	5,151,503	32,419.814
Difference	-48.135	-48.082	-51,146	-321.869
%	-1.171%	-1.171%	-0.983%	-0.983%
Outturn figures	4,085.084	4,079.499	5,169,030	32,530.110
Surveyor's figures	4,061.958	4,056.407	5,151,503	32,419.814
Difference	-23.126	-23.092	-17,527	-110.296
%	-0.566%	-0.566%	-0.339%	-0.339%
RWB figures	4,110.093	4,104.489	5,202,649	32,742
Outturn figures	4,085.084	4,079.499	5,169,030	32,530.110
Difference	-25.009	-24.990	-33,619	-211.573
%	-0.608%	-0.609%	-0.646%	-0.646%

Net Calculation

	Metric Tons Vacuo	Metric Tons Air	NSV at 15°C	US Barrels at 60°F
RWB figures	4,108.022	4,102.421	5,200,783	32,730.027
Surveyor's figures	4,059.934	4,054.386	5,149,662	32,408.269
Difference	-48.088	-48.035	-51,121	-321.758
Difference, %	-1.171%	-1.171%	-0.983%	-0.983%
Outturn figures	4,083.039	4,077.460	5,167,236	32,518.821
Surveyor's figures	4,059.934	4,054.386	5,149,662	32,408
Difference	-23.105	-23.074	-17,574	-110.552
Difference, %	-0.566%	-0.566%	-0.340%	-0.340%
RWB figures	4,108.022	4,102.421	5,200,783	32,730.027
Outturn figures	4,083.039	4,077.460	5,167,236	32,518.821
Difference	-24.983	-24.961	-33,547	-211.206
Difference, %	-0.608%	-0.608%	-0.645%	-0.645%

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

Outturn figures are based on SGS calculations.

TIME LOG

	Time	Date
RTCs arrived at RTC rack	11:42	24-Jun-14
Inspector arrived at RTC rack	11:45	24-Jun-14
Measurements Completed	13:15	24-Jun-14
Commenced Discharge	13:20	24-Jun-14
Completed Discharge	14:50	24-Jun-14
Rail Tank Cars Inspected	15:40	24-Jun-14
RTCs departed	16:10	24-Jun-14

Railway Bill
 By Surveyor
 Outturn

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
0.7900	47.54	6.293272071
0.7885	47.88	6.293272071
0.7903	47.47	6.293272071

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



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-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	4,110.093	4,104.489	5,202,649	32,741.410
Surveyor's figures	4,063.473	4,057.919	5,142,330	32,362.309
Difference	-46.620	-46.570	-60,319	-379.101
%	-1.134%	-1.135%	-1.159%	-1.158%
Outturn figures	4,085.084	4,079.499	5,169,030	32,529.928
Surveyor's figures	4,063.473	4,057.919	5,142,330	32,362.309
Difference	-21.611	-21.580	-26,700	-167.619
%	-0.529%	-0.529%	-0.517%	-0.515%
RWB figures	4,110.093	4,104.489	5,202,649	32,741.410
Outturn figures	4,085.084	4,079.499	5,169,030	32,529.928
Difference	-25.009	-24.990	-33,619	-211.482
%	-0.608%	-0.609%	-0.646%	-0.646%

Net Calculation

	Metric Tons Vacuo	Metric Tons Air	NSV at 15°C	US Barrels at 60°F
RWB figures	4,108.022	4,102.421	5,200,783	32,729.754
Surveyor's figures	4,061.448	4,055.896	5,140,494	32,350.786
Difference	-46.574	-46.525	-60,289	-378.968
Difference, %	-1.134%	-1.134%	-1.159%	-1.158%
Outturn figures	4,083.039	4,077.460	5,167,236	32,518.639
Surveyor's figures	4,061.448	4,055.896	5,140,494	32,350.786
Difference	-21.591	-21.564	-26,742	-167.853
Difference, %	-0.529%	-0.529%	-0.518%	-0.516%
RWB figures	4,108.022	4,102.421	5,200,783	32,729.754
Outturn figures	4,083.039	4,077.460	5,167,236	32,518.639
Difference	-24.983	-24.961	-33,547	-211.115
Difference, %	-0.608%	-0.608%	-0.645%	-0.645%

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 figures are based on SGS calculations.

TIME LOG

	Time	Date
RTCs arrived at RTC rack	11:42	24-Jun-14
Inspector arrived at RTC rack	11:45	24-Jun-14
Measurements Completed	13:15	24-Jun-14
Commenced Discharge	13:20	24-Jun-14
Completed Discharge	14:50	24-Jun-14
Rail Tank Cars Inspected	15:40	24-Jun-14
RTCs departed	16:10	24-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	0.7900	47.54	7.9661
By Surveyor	0.7902	47.49	7.9641
Outturn	0.7903	47.47	7.9631

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



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC MEASURED DATA

Manual Measurements, (Page 1 of 2)

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	54888870	17-Jun-14		90	30.2	5.3	99	Nil		264.3	72,952
2	51618528	17-Jun-14		86	30.2	8.2	377	Nil		265.1	71,152
3	51956373	17-Jun-14		66	30.2	9.9	438	Nil		268.3	76,146
4	51945210	17-Jun-14		66	30.4	4.2	46	Nil		266.4	75,661
5	51278216	17-Jun-14		79	30.9	6.2	384	Nil		259.3	68,671
6	51728293	17-Jun-14		72	30.9	14.1	823	Nil		263.7	67,057
7	51727352	17-Jun-14		72	30.9	8.2	272	Nil		259.2	66,119
8	54887948	17-Jun-14		90	30.9	10.3	483	Nil		265.9	73,391
9	51769180	17-Jun-14		66	29.5	7.4	231	Nil		271.2	76,872
10	51772358	17-Jun-14		86	29.5	5.5	172	Nil		263.1	70,728
11	51916476	17-Jun-14		86	29.5	2.3	30	Nil		261.3	70,338
12	51567048	17-Jun-14		66	29.5	12.3	679	Nil		268.1	76,095
13	51683993	17-Jun-14		66	29.4	9.8	429	Nil		267.9	76,045
14	51749323	17-Jun-14		85	29.4	9.3	374	Nil		260.8	67,862
15	50990456	17-Jun-14		62	29.4	7.3	216	Nil		263.4	67,632
16	51714194	17-Jun-14		66	29.4	2.9	14	Nil		266.1	75,584
17	51916500	17-Jun-14		86	30.2	4.8	129	Nil		263.2	70,750
18	51910859	17-Jun-14		86	30.2	8.2	377	Nil		265.4	71,215
19	54654231	17-Jun-14		66	30.2	8.0	275	Nil		262.7	74,697
20	51753127	17-Jun-14		66	30.2	7.4	231	Nil		270.2	76,624
21	50361021	17-Jun-14		86	29.6	5.8	191	Nil		260.8	70,229
22	51396133	17-Jun-14		62	29.6	7.2	209	Nil		267.3	68,420
23	54681143	17-Jun-14		66	29.6	4.3	51	Nil		264.2	75,090
24	51916054	17-Jun-14		85	29.6	7.1	203	Nil		264.0	68,539
25	58714718	17-Jun-14		66	29.4	4.3	51	Nil		271.2	76,872
26	55977151	17-Jun-14		66	29.4	3.3	22	Nil		265.3	75,377
27	54746979	17-Jun-14		66	29.4	2.4	6	Nil		264.1	75,064
28	51683761	17-Jun-14		66	29.4	5.3	97	Nil		268.3	76,146
29	50994706	17-Jun-14		62	30.8	3.3	21	Nil		260.6	67,044
30	55976468	17-Jun-14		66	30.8	3.2	20	Nil		264.8	75,247
31	50993567	17-Jun-14		62	30.8	2.3	5	Nil		260.2	66,958
32	50490523	17-Jun-14		66	30.8	2.4	6	Nil		265.4	75,403
33	50464056	17-Jun-14		66	29.8	8.2	292	Nil		267.7	75,994
34	51653210	17-Jun-14		66	29.8	4.5	59	Nil		268.2	76,121
35	50357722	17-Jun-14		85	29.8	5.0	79	Nil		263.1	68,351
36	50360080	17-Jun-14		85	29.8	3.1	17	Nil		259.8	67,645
Subtotals this page :							7,405		0		2,604,087

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



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC MEASURED DATA

Manual Measurements, (Page 2 of 2)

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
37	51768802	17-Jun-14		66	29.6	3.2	20	Nil		274.2	77,605
38	51718245	17-Jun-14		72	29.6	10.8	490	Nil		263.5	67,016
39	51634897	17-Jun-14		86	29.6	3.0	48	Nil		260.6	70,185
40	51591295	17-Jun-14		66	29.6	4.3	51	Nil		266.6	75,712
41	51259232	17-Jun-14		66	30.3	3.2	20	Nil		261.8	74,458
42	51648558	17-Jun-14		66	30.3	6.1	143	Nil		267.0	75,815
43	51909760	17-Jun-14		85	30.3	3.4	24	Nil		265.2	68,787
44	51455848	17-Jun-14		62	30.3	8.0	265	Nil		266.4	68,240
45	51482099	17-Jun-14		66	29.7	3.3	22	Nil		264.8	75,247
46	51910966	17-Jun-14		86	29.7	2.4	33	Nil		262.3	70,556
47	51628519	17-Jun-14		72	29.7	6.4	150	Nil		262.2	66,749
48	51969087	17-Jun-14		66	29.7	4.8	72	Nil		267.5	75,943
49	51564698	17-Jun-14		66	29.5	2.0		Nil		265.1	75,325
50	51782209	17-Jun-14		86	29.5	7.8	343	Nil		262.3	70,556
51	51956548	17-Jun-14		66	29.5	6.1	143	Nil		270.2	76,624
52	51715167	17-Jun-14		66	29.5	4.1	42	Nil		270.3	76,649
53	58707423	17-Jun-14		66	29.8	9.3	385	Nil		270.9	76,798
54	50362656	17-Jun-14		86	29.8	3.4	64	Nil		254.7	68,844
55	51749398	17-Jun-14		85	29.8	2.0		Nil		257.2	67,072
56	54887328	17-Jun-14		90	29.8	3.3	22	Nil		269.8	74,443
57	50738707	17-Jun-14		62	29.6	11.7	592	Nil		260.4	67,001
58	51722502	17-Jun-14		86	29.6	2.0	22	Nil		253.3	68,514
59	51695641	17-Jun-14		86	29.6	3.2	56	Nil		262.1	70,513
60	51651693	17-Jun-14		66	29.6	5.4	102	Nil		268.0	76,070
61	51567139	17-Jun-14		66	29.3	3.9	36	Nil		268.6	76,222
62	51567543	17-Jun-14		66	29.3	5.2	91	Nil		264.3	75,116
63	51424497	17-Jun-14		62	29.3	7.2	209	Nil		265.8	68,120
64	57699555	17-Jun-14		66	29.3	5.2	91	Nil		267.3	75,892
65	75025403	17-Jun-14		66	30.9	2.0		Nil		267.7	75,994
66	75025379	17-Jun-14		66	30.9	3.2	20	Nil		266.7	75,738
67	75025387	17-Jun-14		66	30.9	4.0	38	Nil		266.2	75,609
68	75025353	17-Jun-14		66	30.9	3.9	36	Nil		263.2	74,828
69	75025460	17-Jun-14		66	30.4	4.0	38	Nil		268.2	76,121
70	75025700	17-Jun-14		66	30.4	2.2	3	Nil		267.4	75,917
71	75025528	17-Jun-14		66	30.4	Nil		Nil		266.8	75,764
72	75025684	17-Jun-14		66	30.4	3.0	15	Nil		266.3	75,635
Totals of Pages 1 and 2 :						11,088				5,239,761	



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC DISCHARGE REPORT

Manual measurements, ASTM Calculation (Page 1 of 2)

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 54A	G.S.V. ltr	Mt vacuo (Gross)	Mt vacuo (Gross)	Difference			
									Mt	%		
1	5488870	72,952	0.7900	0.7902	0.98498	71,758	56.625	59.378	-2.753	-4.64%	58.417	
2	51618528	71,152	0.7900	0.7902	0.98498	69,712	54.788	55.158	-0.370	-0.67%	55.386	
3	51956373	76,146	0.7900	0.7902	0.98498	74,571	58.580	59.401	-0.821	-1.38%	59.232	
4	51945210	75,661	0.7900	0.7902	0.98478	74,464	58.805	59.440	-0.635	-1.07%	58.822	
5	51278216	68,671	0.7900	0.7902	0.98429	67,215	52.810	54.182	-1.372	-2.53%	53.382	
6	51728293	67,057	0.7900	0.7902	0.98429	65,193	50.865	52.202	-1.337	-2.56%	52.226	
7	51727352	66,119	0.7900	0.7902	0.98429	64,812	50.999	52.210	-1.211	-2.32%	51.415	
8	54887948	73,391	0.7900	0.7902	0.98429	71,762	56.324	59.390	-3.066	-5.16%	58.782	
9	51769180	76,872	0.7900	0.7902	0.98568	75,544	59.513	59.421	0.092	0.15%	59.858	
10	51772358	70,728	0.7900	0.7902	0.98568	69,546	54.820	55.166	-0.346	-0.63%	55.094	
11	51916476	70,338	0.7900	0.7902	0.98568	69,302	54.739	55.161	-0.422	-0.77%	54.755	
12	51567048	76,095	0.7900	0.7902	0.98568	74,337	58.205	59.427	-1.222	-2.06%	59.272	
13	51683993	76,045	0.7900	0.7902	0.98578	74,540	58.562	59.405	-0.843	-1.42%	59.278	
14	51749323	67,862	0.7900	0.7902	0.98578	66,528	52.275	53.329	-1.054	-1.98%	52.915	
15	50990456	67,632	0.7900	0.7902	0.98578	66,457	52.344	52.710	-0.366	-0.69%	52.638	
16	51714194	75,584	0.7900	0.7902	0.98578	74,496	58.856	59.422	-0.566	-0.95%	58.879	
17	51916500	70,750	0.7900	0.7902	0.98498	69,560	54.864	55.193	-0.329	-0.60%	55.056	
18	51910859	71,215	0.7900	0.7902	0.98498	69,773	54.837	55.191	-0.354	-0.64%	55.386	
19	54654231	74,697	0.7900	0.7902	0.98498	73,304	57.708	59.441	-1.733	-2.92%	58.224	
20	51753127	76,624	0.7900	0.7902	0.98498	75,246	59.277	59.457	-0.180	-0.30%	59.624	
21	50361021	70,229	0.7900	0.7902	0.98558	69,028	54.395	55.183	-0.788	-1.43%	54.750	
22	51396133	68,420	0.7900	0.7902	0.98558	67,227	52.958	52.738	0.220	0.42%	53.259	
23	54681143	75,090	0.7900	0.7902	0.98558	73,958	58.402	59.420	-1.018	-1.71%	58.462	
24	51916054	68,539	0.7900	0.7902	0.98558	67,350	53.059	53.444	-0.385	-0.72%	53.399	
25	58714718	76,872	0.7900	0.7902	0.98578	75,729	59.801	59.466	0.335	0.56%	59.865	
26	55977151	75,377	0.7900	0.7902	0.98578	74,283	58.681	59.509	-0.828	-1.39%	58.677	
27	54746979	75,064	0.7900	0.7902	0.98578	73,991	58.463	59.465	-1.002	-1.69%	58.474	
28	51683761	76,146	0.7900	0.7902	0.98578	74,968	59.163	59.456	-0.293	-0.49%	59.278	
29	50994706	67,044	0.7900	0.7902	0.98439	65,977	52.118	52.759	-0.641	-1.21%	52.240	
30	55976468	75,247	0.7900	0.7902	0.98439	74,053	58.501	59.475	-0.974	-1.64%	58.596	
31	50993567	66,958	0.7900	0.7902	0.98439	65,908	52.077	52.747	-0.670	-1.27%	52.073	
32	50490523	75,403	0.7900	0.7902	0.98439	74,220	58.644	59.544	-0.900	-1.51%	58.596	
33	50464056	75,994	0.7900	0.7902	0.98538	74,595	58.715	59.461	-0.746	-1.25%	59.255	
34	51653210	76,121	0.7900	0.7902	0.98538	74,950	59.179	59.476	-0.297	-0.50%	59.255	
35	50357722	68,351	0.7900	0.7902	0.98538	67,274	53.098	53.373	-0.275	-0.52%	53.226	
36	50360080	67,645	0.7900	0.7902	0.98538	66,639	52.645	53.371	-0.726	-1.36%	52.719	
Subtotals this page :		2,604,087				2,558,270	2,015.695	2,043.571	-27.876	-1.36%	2,030.765	

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 "Tamaneftegaz": Andrey Filimonov



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC DISCHARGE REPORT

Manual measurements, ASTM Calculation (Page 2 of 2)

No	RTC No.	G.O.V. ltr	RWB	Surveyor's Calculations					RWB	Difference		Outturn
			Density at 15°C*	Density at 15°C*	V.C.F. T 54A	G.S.V. ltr	Mt vacuo (Gross)	Mt vacuo (Gross)	Mt	%	Mt vacuo (Gross)	
37	51768802	77,605	0.7900	0.7902	0.98558	76,467	60.409	59.560	0.849	1.43%	60.425	
38	51718245	67,016	0.7900	0.7902	0.98558	65,567	51.424	52.291	-0.867	-1.66%	52.292	
39	51634897	70,185	0.7900	0.7902	0.98558	69,125	54.584	55.243	-0.659	-1.19%	54.750	
40	51591295	75,712	0.7900	0.7902	0.98558	74,571	58.886	59.540	-0.654	-1.10%	59.067	
41	51259232	74,458	0.7900	0.7902	0.98488	73,313	57.916	59.485	-1.569	-2.64%	58.012	
42	51648558	75,815	0.7900	0.7902	0.98488	74,528	58.779	59.544	-0.765	-1.28%	59.027	
43	51909760	68,787	0.7900	0.7902	0.98488	67,723	53.496	53.387	0.109	0.20%	53.523	
44	51455848	68,240	0.7900	0.7902	0.98488	66,947	52.692	52.792	-0.100	-0.19%	53.067	
45	51482099	75,247	0.7900	0.7902	0.98548	74,133	58.563	59.492	-0.929	-1.56%	58.660	
46	51910966	70,556	0.7900	0.7902	0.98548	69,499	54.892	55.234	-0.342	-0.62%	54.914	
47	51628519	66,749	0.7900	0.7902	0.98548	65,632	51.744	52.267	-0.523	-1.00%	51.968	
48	51969087	75,943	0.7900	0.7902	0.98548	74,769	59.026	59.479	-0.453	-0.76%	59.260	
49	51564698	75,325	0.7900	0.7902	0.98568	74,246	58.669	59.488	-0.819	-1.38%	58.672	
50	51782209	70,556	0.7900	0.7902	0.98568	69,207	54.416	55.198	-0.782	-1.42%	54.925	
51	51956548	76,624	0.7900	0.7902	0.98568	75,386	59.457	59.453	0.004	0.01%	59.665	
52	51715167	76,649	0.7900	0.7902	0.98568	75,509	59.634	59.398	0.236	0.40%	59.665	
53	58707423	76,798	0.7900	0.7902	0.98538	75,296	59.195	59.400	-0.205	-0.35%	59.841	
54	50362656	68,844	0.7900	0.7902	0.98538	67,774	53.505	55.016	-1.511	-2.75%	53.681	
55	51749398	67,072	0.7900	0.7902	0.98538	66,092	52.226	53.169	-0.943	-1.77%	52.212	
56	54887328	74,443	0.7900	0.7902	0.98538	73,332	57.929	59.395	-1.466	-2.47%	59.639	
57	50738707	67,001	0.7900	0.7902	0.98558	65,452	51.253	52.596	-1.343	-2.55%	52.133	
58	51722502	68,514	0.7900	0.7902	0.98558	67,504	53.324	55.056	-1.732	-3.15%	53.324	
59	51695641	70,513	0.7900	0.7902	0.98558	69,440	54.827	55.016	-0.189	-0.34%	54.920	
60	51651693	76,070	0.7900	0.7902	0.98558	74,872	59.083	59.406	-0.323	-0.54%	59.267	
61	51567139	76,222	0.7900	0.7902	0.98587	75,110	59.324	59.332	-0.008	-0.01%	59.481	
62	51567543	75,116	0.7900	0.7902	0.98587	73,965	58.375	59.359	-0.984	-1.66%	58.480	
63	51424497	68,120	0.7900	0.7902	0.98587	66,951	52.740	52.662	0.078	0.15%	53.119	
64	57699555	75,892	0.7900	0.7902	0.98587	74,729	58.979	59.340	-0.361	-0.61%	59.085	
65	75025403	75,994	0.7900	0.7902	0.98429	74,800	59.107	59.335	-0.228	-0.38%	59.191	
66	75025379	75,738	0.7900	0.7902	0.98429	74,529	58.877	59.344	-0.467	-0.79%	58.992	
67	75025387	75,609	0.7900	0.7902	0.98429	74,384	58.748	59.388	-0.640	-1.08%	58.792	
68	75025353	74,828	0.7900	0.7902	0.98429	73,618	58.145	59.352	-1.207	-2.03%	58.184	
69	75025460	76,121	0.7900	0.7902	0.98478	74,925	59.176	59.344	-0.168	-0.28%	59.220	
70	75025700	75,917	0.7900	0.7902	0.98478	74,759	59.072	59.396	-0.324	-0.55%	59.022	
71	75025528	75,764	0.7900	0.7902	0.98478	74,610	58.957	59.359	-0.402	-0.68%	59.022	
72	75025684	75,635	0.7900	0.7902	0.98478	74,469	58.834	59.406	-0.572	-0.96%	58.822	
Totals of pages 1 & 2:		5,239,761				5,151,503	4,061.958	4,108.022	-46.064	-1.12%	4,085.084	

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 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC DISCHARGE REPORT

Manual measurements, GOST Calculation (Page 1 of 2)
 by GOST R 8.595-2004

No	RTC No.	G.O.V. ltr	Surveyor's Calculations					RWB		Difference		Outturn Mt vacuo (Gross)
			Density at 15°C	V.C.F. T 54A	G.S.V., ltr Discharged	G.S.V., ltr x Shell Correction	Mt vacuo (Gross)	Mt vacuo (Gross)	Mt	%		
1	54888870	72,952	0.7902	0.98498	71,659	71,687	56.647	59.378	-2.731	-4.60%	58.417	
2	51618528	71,152	0.7902	0.98498	69,335	69,361	54.809	55.158	-0.349	-0.63%	55.386	
3	51956373	76,146	0.7902	0.98498	74,133	74,161	58.602	59.401	-0.799	-1.35%	59.232	
4	51945210	75,661	0.7902	0.98478	74,418	74,447	58.828	59.440	-0.612	-1.03%	58.822	
5	51278216	68,671	0.7902	0.98429	66,831	66,859	52.832	54.182	-1.350	-2.49%	53.382	
6	51728293	67,057	0.7902	0.98429	64,370	64,396	50.886	52.202	-1.316	-2.52%	52.226	
7	51727352	66,119	0.7902	0.98429	64,540	64,566	51.020	52.210	-1.190	-2.28%	51.415	
8	54887948	73,391	0.7902	0.98429	71,279	71,308	56.348	59.390	-3.042	-5.12%	58.782	
9	51769180	76,872	0.7902	0.98568	75,313	75,340	59.534	59.421	0.113	0.19%	59.858	
10	51772358	70,728	0.7902	0.98568	69,374	69,399	54.839	55.166	-0.327	-0.59%	55.094	
11	51916476	70,338	0.7902	0.98568	69,272	69,297	54.758	55.161	-0.403	-0.73%	54.755	
12	51567048	76,095	0.7902	0.98568	73,658	73,685	58.226	59.427	-1.201	-2.02%	59.272	
13	51683993	76,045	0.7902	0.98578	74,111	74,137	58.583	59.405	-0.822	-1.38%	59.278	
14	51749323	67,862	0.7902	0.98578	66,154	66,177	52.293	53.329	-1.036	-1.94%	52.915	
15	50990456	67,632	0.7902	0.98578	66,241	66,264	52.362	52.710	-0.348	-0.66%	52.638	
16	51714194	75,584	0.7902	0.98578	74,483	74,509	58.877	59.422	-0.545	-0.92%	58.879	
17	51916500	70,750	0.7902	0.98498	69,431	69,457	54.885	55.193	-0.308	-0.56%	55.056	
18	51910859	71,215	0.7902	0.98498	69,396	69,422	54.857	55.191	-0.334	-0.61%	55.386	
19	54654231	74,697	0.7902	0.98498	73,029	73,057	57.730	59.441	-1.711	-2.88%	58.224	
20	51753127	76,624	0.7902	0.98498	75,015	75,044	59.300	59.457	-0.157	-0.26%	59.624	
21	50361021	70,229	0.7902	0.98558	68,837	68,862	54.415	55.183	-0.768	-1.39%	54.750	
22	51396133	68,420	0.7902	0.98558	67,018	67,042	52.977	52.738	0.239	0.45%	53.259	
23	54681143	75,090	0.7902	0.98558	73,907	73,934	58.423	59.420	-0.997	-1.68%	58.462	
24	51916054	68,539	0.7902	0.98558	67,147	67,171	53.079	53.444	-0.365	-0.68%	53.399	
25	58714718	76,872	0.7902	0.98578	75,678	75,705	59.822	59.466	0.356	0.60%	59.865	
26	55977151	75,377	0.7902	0.98578	74,261	74,287	58.702	59.509	-0.807	-1.36%	58.677	
27	54746979	75,064	0.7902	0.98578	73,985	74,011	58.483	59.465	-0.982	-1.65%	58.474	
28	51683761	76,146	0.7902	0.98578	74,871	74,898	59.184	59.456	-0.272	-0.46%	59.278	
29	50994706	67,044	0.7902	0.98439	65,956	65,983	52.140	52.759	-0.619	-1.17%	52.240	
30	55976468	75,247	0.7902	0.98439	74,033	74,063	58.525	59.475	-0.950	-1.60%	58.596	
31	50993567	66,958	0.7902	0.98439	65,904	65,930	52.098	52.747	-0.649	-1.23%	52.073	
32	50490523	75,403	0.7902	0.98439	74,214	74,244	58.668	59.544	-0.876	-1.47%	58.596	
33	50464056	75,994	0.7902	0.98538	74,303	74,331	58.736	59.461	-0.725	-1.22%	59.255	
34	51653210	76,121	0.7902	0.98538	74,891	74,919	59.201	59.476	-0.275	-0.46%	59.255	
35	50357722	68,351	0.7902	0.98538	67,195	67,220	53.117	53.373	-0.256	-0.48%	53.226	
36	50360080	67,645	0.7902	0.98538	66,622	66,646	52.664	53.371	-0.707	-1.32%	52.719	
Subtotals this page :		2,604,087			2,550,865		2,016.450	2,043.571	-27.121	-1.33%	2,030.765	

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 "Tamanneftegas": Andrey Filimonov



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamanneftegas" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

RTC DISCHARGE REPORT

Manual measurements, GOST Calculation (Page 2 of 2)
 by GOST R 8.595-2004

No	RTC No.	G.O.V. ltr	Surveyor's Calculations					RWB		Difference		Outturn Mt vacuo (Gross)
			Density at 15°C	V.C.F. T 54A	G.S.V., ltr	G.S.V., ltr x Shell Correction	Mt vacuo (Gross)	Mt vacuo (Gross)	Mt	%		
37	51768802	77,605	0.7902	0.98558	76,467	76,447	60.409	59.560	0.849	1.43%	60.425	
38	51718245	67,016	0.7902	0.98558	65,567	65,077	51.424	52.291	-0.867	-1.66%	52.292	
39	51634897	70,185	0.7902	0.98558	69,125	69,077	54.584	55.243	-0.659	-1.19%	54.750	
40	51591295	75,712	0.7902	0.98558	74,571	74,520	58.886	59.540	-0.654	-1.10%	59.067	
41	51259232	74,458	0.7902	0.98488	73,313	73,293	57.916	59.485	-1.569	-2.64%	58.012	
42	51648558	75,815	0.7902	0.98488	74,528	74,386	58.779	59.544	-0.765	-1.28%	59.027	
43	51909760	68,787	0.7902	0.98488	67,723	67,699	53.496	53.387	0.109	0.20%	53.523	
44	51455848	68,240	0.7902	0.98488	66,947	66,682	52.692	52.792	-0.100	-0.19%	53.067	
45	51482099	75,247	0.7902	0.98548	74,133	74,111	58.563	59.492	-0.929	-1.56%	58.660	
46	51910966	70,556	0.7902	0.98548	69,499	69,467	54.892	55.234	-0.342	-0.62%	54.914	
47	51628519	66,749	0.7902	0.98548	65,632	65,482	51.744	52.267	-0.523	-1.00%	51.968	
48	51969087	75,943	0.7902	0.98548	74,769	74,697	59.026	59.479	-0.453	-0.76%	59.260	
49	51564698	75,325	0.7902	0.98568	74,246	74,246	58.669	59.488	-0.819	-1.38%	58.672	
50	51782209	70,556	0.7902	0.98568	69,207	68,864	54.416	55.198	-0.782	-1.42%	54.925	
51	51956548	76,624	0.7902	0.98568	75,386	75,244	59.457	59.453	0.004	0.01%	59.665	
52	51715167	76,649	0.7902	0.98568	75,509	75,467	59.634	59.398	0.236	0.40%	59.665	
53	58707423	76,798	0.7902	0.98538	75,296	74,911	59.195	59.400	-0.205	-0.35%	59.841	
54	50362656	68,844	0.7902	0.98538	67,774	67,710	53.505	55.016	-1.511	-2.75%	53.681	
55	51749398	67,072	0.7902	0.98538	66,092	66,092	52.226	53.169	-0.943	-1.77%	52.212	
56	54887328	74,443	0.7902	0.98538	73,332	73,310	57.929	59.395	-1.466	-2.47%	59.639	
57	50738707	67,001	0.7902	0.98558	65,452	64,861	51.253	52.596	-1.343	-2.55%	52.133	
58	51722502	68,514	0.7902	0.98558	67,504	67,482	53.324	55.056	-1.732	-3.15%	53.324	
59	51695641	70,513	0.7902	0.98558	69,440	69,384	54.827	55.016	-0.189	-0.34%	54.920	
60	51651693	76,070	0.7902	0.98558	74,872	74,770	59.083	59.406	-0.323	-0.54%	59.267	
61	51567139	76,222	0.7902	0.98587	75,110	75,074	59.324	59.332	-0.008	-0.01%	59.481	
62	51567543	75,116	0.7902	0.98587	73,965	73,874	58.375	59.359	-0.984	-1.66%	58.480	
63	51424497	68,120	0.7902	0.98587	66,951	66,742	52.740	52.662	0.078	0.15%	53.119	
64	57699555	75,892	0.7902	0.98587	74,729	74,638	58.979	59.340	-0.361	-0.61%	59.085	
65	75025403	75,994	0.7902	0.98429	74,800	74,800	59.107	59.335	-0.228	-0.38%	59.191	
66	75025379	75,738	0.7902	0.98429	74,529	74,509	58.877	59.344	-0.467	-0.79%	58.992	
67	75025387	75,609	0.7902	0.98429	74,384	74,346	58.748	59.388	-0.640	-1.08%	58.792	
68	75025353	74,828	0.7902	0.98429	73,618	73,582	58.145	59.352	-1.207	-2.03%	58.184	
69	75025460	76,121	0.7902	0.98478	74,925	74,887	59.176	59.344	-0.168	-0.28%	59.220	
70	75025700	75,917	0.7902	0.98478	74,759	74,756	59.072	59.396	-0.324	-0.55%	59.022	
71	75025528	75,764	0.7902	0.98478	74,610	74,610	58.957	59.359	-0.402	-0.68%	59.022	
72	75025684	75,635	0.7902	0.98478	74,469	74,454	58.834	59.406	-0.572	-0.96%	58.822	
Totals of pages 1 & 2:		5,239,761			5,151,503		4,061.958	4,108.022	-46.064	-1.12%	4,085.084	

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 "Tamanneftegas": Andrey Filimonov



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

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

No	RTC No.	Surveyor's Calculations		Surveyor's Calculations		RWB Barrels		Difference	
		ASTM Calculation		GOST Calculation		GOST Calculation		(GOST Calculation)	
		Gross US Barrels	Net US Barrels	Gross US Barrels	Net US Barrels	Gross US Barrels	Net US Barrels	Net US Barrels	% to RWB
1	54888870	451.593	451.432	451.148	450.987	473.011	472.843	-21.856	-4.62%
2	51618528	438.717	438.561	436.510	436.355	439.394	439.238	-2.883	-0.66%
3	51956373	469.296	469.129	466.718	466.552	473.194	473.026	-6.474	-1.37%
4	51945210	468.622	468.455	468.518	468.351	473.505	473.336	-4.985	-1.05%
5	51278216	423.002	422.851	420.765	420.615	431.619	431.465	-10.850	-2.51%
6	51728293	410.277	410.131	405.266	405.122	415.846	415.698	-10.576	-2.54%
7	51727352	407.880	407.735	406.333	406.188	415.910	415.762	-9.574	-2.30%
8	54887948	451.618	451.457	448.767	448.607	473.107	472.939	-24.332	-5.14%
9	51769180	475.419	475.250	474.141	473.972	473.354	473.185	0.787	0.17%
10	51772358	437.672	437.516	436.749	436.594	439.458	439.302	-2.708	-0.62%
11	51916476	436.136	435.981	436.104	435.949	439.418	439.262	-3.313	-0.75%
12	51567048	467.823	467.656	463.724	463.559	473.401	473.232	-9.673	-2.04%
13	51683993	469.101	468.934	466.567	466.401	473.226	473.058	-6.657	-1.41%
14	51749323	418.679	418.530	416.472	416.324	424.824	424.673	-8.349	-1.97%
15	50990456	418.232	418.083	417.021	416.873	419.893	419.744	-2.871	-0.68%
16	51714194	468.824	468.657	468.908	468.741	473.362	473.193	-4.452	-0.94%
17	51916500	437.760	437.604	437.115	436.959	439.673	439.516	-2.557	-0.58%
18	51910859	439.100	438.944	436.892	436.736	439.657	439.500	-2.764	-0.63%
19	54654231	461.322	461.158	459.773	459.609	473.513	473.344	-13.735	-2.90%
20	51753127	473.544	473.375	472.277	472.109	473.640	473.471	-1.362	-0.29%
21	50361021	434.412	434.257	433.372	433.218	439.593	439.437	-6.219	-1.42%
22	51396133	423.078	422.927	421.919	421.769	420.116	419.966	1.803	0.43%
23	54681143	465.438	465.272	465.292	465.126	473.346	473.177	-8.051	-1.70%
24	51916054	423.852	423.701	422.732	422.582	425.740	425.588	-3.006	-0.71%
25	58714718	476.583	476.413	476.434	476.264	473.712	473.543	2.721	0.57%
26	55977151	467.483	467.317	467.514	467.348	474.055	473.886	-6.538	-1.38%
27	54746979	465.645	465.479	465.770	465.604	473.704	473.535	-7.931	-1.67%
28	51683761	471.794	471.626	471.353	471.185	473.632	473.463	-2.278	-0.48%
29	50994706	415.211	415.063	415.253	415.105	420.283	420.133	-5.028	-1.20%
30	55976468	466.036	465.870	466.105	465.939	473.784	473.615	-7.676	-1.62%
31	50993567	414.777	414.629	414.919	414.771	420.188	420.038	-5.267	-1.25%
32	50490523	467.087	466.921	467.244	467.078	474.333	474.164	-7.086	-1.49%
33	50464056	469.447	469.280	467.785	467.618	473.672	473.503	-5.885	-1.24%
34	51653210	471.681	471.513	471.489	471.321	473.792	473.623	-2.302	-0.49%
35	50357722	423.374	423.223	423.034	422.883	425.175	425.024	-2.141	-0.50%
36	50360080	419.377	419.228	419.427	419.278	425.159	425.008	-5.730	-1.35%
Subtotals thi:		16,099.892	16,094.158	16,059.410	16,053.692	16,279.289	16,273.490	-219.798	-1.35%

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.



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

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

No	RTC No.	Surveyor's Calculations		Surveyor's Calculations		RWB Barrels		Difference	
		ASTM Calculation		GOST Calculation		GOST Calculation		(GOST Calculation)	
		Gross US Barrels	Net US Barrels	Gross US Barrels	Net US Barrels	Gross US Barrels	Net US Barrels	Net US Barrels	% to RWB
37	51768802	481.228	481.057	481.285	481.114	474.461	474.292	6.822	1.44%
38	51718245	412.631	412.484	409.694	409.548	416.555	416.407	-6.859	-1.65%
39	51634897	435.022	434.867	434.877	434.722	440.071	439.914	-5.192	-1.18%
40	51591295	469.296	469.129	469.147	468.980	474.302	474.133	-5.153	-1.09%
41	51259232	461.379	461.215	461.438	461.274	473.863	473.694	-12.420	-2.62%
42	51648558	469.025	468.858	468.311	468.144	474.333	474.164	-6.020	-1.27%
43	51909760	426.199	426.047	426.212	426.060	425.286	425.135	0.925	0.22%
44	51455848	421.316	421.166	419.817	419.668	420.546	420.396	-0.728	-0.17%
45	51482099	466.539	466.373	466.575	466.409	473.919	473.750	-7.341	-1.55%
46	51910966	437.376	437.220	437.338	437.182	440.000	439.843	-2.661	-0.60%
47	51628519	413.040	412.893	412.243	412.096	416.364	416.216	-4.120	-0.99%
48	51969087	470.542	470.374	470.270	470.103	473.816	473.647	-3.544	-0.75%
49	51564698	467.250	467.084	467.419	467.253	473.887	473.718	-6.465	-1.36%
50	51782209	435.538	435.383	433.539	433.385	439.713	439.556	-6.171	-1.40%
51	51956548	474.425	474.256	473.695	473.526	473.609	473.440	0.086	0.02%
52	51715167	475.199	475.030	475.104	474.935	473.170	473.002	1.933	0.41%
53	58707423	473.858	473.689	471.616	471.448	473.186	473.018	-1.570	-0.33%
54	50362656	426.520	426.368	426.276	426.124	438.263	438.107	-11.983	-2.74%
55	51749398	415.935	415.787	416.090	415.942	423.550	423.399	-7.457	-1.76%
56	54887328	461.498	461.334	461.533	461.369	473.147	472.979	-11.610	-2.45%
57	50738707	411.907	411.760	408.332	408.187	418.985	418.836	-10.649	-2.54%
58	51722502	424.821	424.670	424.834	424.683	438.582	438.426	-13.743	-3.13%
59	51695641	437.005	436.849	436.812	436.656	438.263	438.107	-1.451	-0.33%
60	51651693	471.190	471.022	470.724	470.556	473.234	473.066	-2.510	-0.53%
61	51567139	472.688	472.520	472.627	472.459	472.645	472.477	-0.018	0.00%
62	51567543	465.482	465.316	465.077	464.911	472.860	472.692	-7.781	-1.65%
63	51424497	421.341	421.191	420.175	420.025	419.511	419.362	0.663	0.16%
64	57699555	470.290	470.123	469.880	469.713	472.708	472.540	-2.827	-0.60%
65	75025403	470.737	470.569	470.931	470.763	472.669	472.501	-1.738	-0.37%
66	75025379	469.031	468.864	469.107	468.940	472.740	472.572	-3.632	-0.77%
67	75025387	468.119	467.952	468.072	467.905	473.091	472.923	-5.018	-1.06%
68	75025353	463.298	463.133	463.262	463.097	472.804	472.636	-9.539	-2.02%
69	75025460	471.523	471.355	471.473	471.305	472.740	472.572	-1.267	-0.27%
70	75025700	470.479	470.312	470.644	470.476	473.154	472.986	-2.510	-0.53%
71	75025528	469.541	469.374	469.729	469.562	472.860	472.692	-3.130	-0.66%
72	75025684	468.654	468.487	468.741	468.574	473.234	473.066	-4.492	-0.95%
Totals, Pages		32,419.814	32,419.814	32,427.337	32,415.791	32,741.410	32,729.754	-313.963	-1.00%

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.



Report No. RU 0125
Date 25-Jun-14
Operation RTC discharge (shipment 1)
Location ZAO "Tamaneftegaz" Terminal
Product Crude Oil
Discharge date 24-Jun-14

CERTIFICATE OF DISCHARGE

Page 1 of 2

All measurements are in Vacuo

No	Customs Declaration No.	RWB Date	RWB No.	RTC No.	RWB Gross Metric Tons	RWB Net Metric Tons	RWB Gross US Barrels	RWB Net US Barrels	API Gravity	Vapour Pressure, kPa
1		17-Jun-14	592365	54888870	59.378	59.348	473.011	472.843	47.54	
2		17-Jun-14	592365	51618528	55.158	55.130	439.394	439.238	47.54	
3		17-Jun-14	592365	51956373	59.401	59.371	473.194	473.026	47.54	
4		17-Jun-14	592365	51945210	59.440	59.410	473.505	473.336	47.54	
5		17-Jun-14	592365	51278216	54.182	54.155	431.619	431.465	47.54	
6		17-Jun-14	592365	51728293	52.202	52.176	415.846	415.698	47.54	
7		17-Jun-14	592365	51727352	52.210	52.184	415.910	415.762	47.54	
8		17-Jun-14	592365	54887948	59.390	59.360	473.107	472.939	47.54	
9		17-Jun-14	592365	51769180	59.421	59.391	473.354	473.185	47.54	
10		17-Jun-14	592365	51772358	55.166	55.138	439.458	439.302	47.54	
11		17-Jun-14	592365	51916476	55.161	55.133	439.418	439.262	47.54	
12		17-Jun-14	592365	51567048	59.427	59.397	473.401	473.232	47.54	
13		17-Jun-14	592365	51683993	59.405	59.375	473.226	473.058	47.54	
14		17-Jun-14	592365	51749323	53.329	53.302	424.824	424.673	47.54	
15		17-Jun-14	592365	50990456	52.710	52.684	419.893	419.744	47.54	
16		17-Jun-14	592365	51714194	59.422	59.392	473.362	473.193	47.54	
17		17-Jun-14	592365	51916500	55.193	55.165	439.673	439.516	47.54	
18		17-Jun-14	592365	51910859	55.191	55.163	439.657	439.500	47.54	
19		17-Jun-14	592365	54654231	59.441	59.411	473.513	473.344	47.54	
20		17-Jun-14	592365	51753127	59.457	59.427	473.640	473.471	47.54	
21		17-Jun-14	592365	50361021	55.183	55.155	439.593	439.437	47.54	
22		17-Jun-14	592365	51396133	52.738	52.712	420.116	419.966	47.54	
23		17-Jun-14	592365	54681143	59.420	59.390	473.346	473.177	47.54	
24		17-Jun-14	592365	51916054	53.444	53.417	425.740	425.588	47.54	
25		17-Jun-14	592365	58714718	59.466	59.436	473.712	473.543	47.54	
26		17-Jun-14	592365	55977151	59.509	59.479	474.055	473.886	47.54	
27		17-Jun-14	592365	54746979	59.465	59.435	473.704	473.535	47.54	
28		17-Jun-14	592365	51683761	59.456	59.426	473.632	473.463	47.54	
29		17-Jun-14	592365	50994706	52.759	52.733	420.283	420.133	47.54	
30		17-Jun-14	592365	55976468	59.475	59.445	473.784	473.615	47.54	
31		17-Jun-14	592365	50993567	52.747	52.721	420.188	420.038	47.54	
32		17-Jun-14	592365	50490523	59.544	59.514	474.333	474.164	47.54	
33		17-Jun-14	592365	50464056	59.461	59.431	473.672	473.503	47.54	
34		17-Jun-14	592365	51653210	59.476	59.446	473.792	473.623	47.54	
35		17-Jun-14	592365	50357722	53.373	53.346	425.175	425.024	47.54	
36		17-Jun-14	592365	50360080	53.371	53.344	425.159	425.008	47.54	
Subtotals this page :					2,043.571	2,042.542	16,279.289	16,273.490		

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 53A.

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



Report No. RU 0125
 Date 25-Jun-14
 Operation RTC discharge (shipment 1)
 Location ZAO "Tamaneftegaz" Terminal
 Product Crude Oil
 Discharge date 24-Jun-14

CERTIFICATE OF DISCHARGE

Page 2 of 2

All measurements are in Vacuo

No	Customs Declaration No.	RWB Date	RWB No.	RTC No.	RWB Gross Metric Tons	RWB Net Metric Tons	RWB Gross US Barrels	RWB Net US Barrels	API Gravity	Vapour Pressure, kPa
37		17-Jun-14	592365	51768802	59.560	59.530	474.461	474.292	47.54	
38		17-Jun-14	592365	51718245	52.291	52.265	416.555	416.407	47.54	
39		17-Jun-14	592365	51634897	55.243	55.215	440.071	439.914	47.54	
40		17-Jun-14	592365	51591295	59.540	59.510	474.302	474.133	47.54	
41		17-Jun-14	592365	51259232	59.485	59.455	473.863	473.694	47.54	
42		17-Jun-14	592365	51648558	59.544	59.514	474.333	474.164	47.54	
43		17-Jun-14	592365	51909760	53.387	53.360	425.286	425.135	47.54	
44		17-Jun-14	592365	51455848	52.792	52.766	420.546	420.396	47.54	
45		17-Jun-14	592365	51482099	59.492	59.462	473.919	473.750	47.54	
46		17-Jun-14	592365	51910966	55.234	55.206	440.000	439.843	47.54	
47		17-Jun-14	592365	51628519	52.267	52.241	416.364	416.216	47.54	
48		17-Jun-14	592365	51969087	59.479	59.449	473.816	473.647	47.54	
49		17-Jun-14	592365	51564698	59.488	59.458	473.887	473.718	47.54	
50		17-Jun-14	592365	51782209	55.198	55.170	439.713	439.556	47.54	
51		17-Jun-14	592365	51956548	59.453	59.423	473.609	473.440	47.54	
52		17-Jun-14	592365	51715167	59.398	59.368	473.170	473.002	47.54	
53		17-Jun-14	592365	58707423	59.400	59.370	473.186	473.018	47.54	
54		17-Jun-14	592365	50362656	55.016	54.988	438.263	438.107	47.54	
55		17-Jun-14	592365	51749398	53.169	53.142	423.550	423.399	47.54	
56		17-Jun-14	592365	54887328	59.395	59.365	473.147	472.979	47.54	
57		17-Jun-14	592365	50738707	52.596	52.570	418.985	418.836	47.54	
58		17-Jun-14	592365	51722502	55.056	55.028	438.582	438.426	47.54	
59		17-Jun-14	592365	51695641	55.016	54.988	438.263	438.107	47.54	
60		17-Jun-14	592365	51651693	59.406	59.376	473.234	473.066	47.54	
61		17-Jun-14	592365	51567139	59.332	59.302	472.645	472.477	47.54	
62		17-Jun-14	592365	51567543	59.359	59.329	472.860	472.692	47.54	
63		17-Jun-14	592365	51424497	52.662	52.636	419.511	419.362	47.54	
64		17-Jun-14	592365	57699555	59.340	59.310	472.708	472.540	47.54	
65		17-Jun-14	592365	75025403	59.335	59.305	472.669	472.501	47.54	
66		17-Jun-14	592365	75025379	59.344	59.314	472.740	472.572	47.54	
67		17-Jun-14	592365	75025387	59.388	59.358	473.091	472.923	47.54	
68		17-Jun-14	592365	75025353	59.352	59.322	472.804	472.636	47.54	
69		17-Jun-14	592365	75025460	59.344	59.314	472.740	472.572	47.54	
70		17-Jun-14	592365	75025700	59.396	59.366	473.154	472.986	47.54	
71		17-Jun-14	592365	75025528	59.359	59.329	472.860	472.692	47.54	
72		17-Jun-14	592365	75025684	59.406	59.376	473.234	473.066	47.54	
Totals of Pages 1 and 2 :					4,110.093	4,108.022	32,741.410	32,729.754		

GOST Calculation: 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 RWB Density at 15 °C by ASTM T51. RWB Density at 15°C converted from RWB Density
 at 20°C by ASTM T 53A.

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