



Your Reference:

For the attention of

Report no. RU-0010-02-2018
Date of report 20-Apr-17
Vessel Seafaith II
Location Taman
Product Tengiz Crude Oil
B/Lading date 20-Apr-17

LOADED :

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

Please note the following with regard to the inspection carried out.

Letters of Protest were issued by ourselves regarding the following:

- the Letter of Protest on discrepancy between Bill of Lading and ship's figures
- the Letter of Protest on traces of water found in ship's tanks after loading.

Report distribution has been effected as follows:

To yourselves in original only together with our relevant invoice.

CC: . Attn

	Gross Metric Tons in Vacuo	Gross Metric Tons in Air
Bill of Lading	87,384.389	87,264.957
Vessel's loaded quantity	88,097.044	87,976.638
Difference	712.655	711.681
Difference, %	0.816%	0.816%
Bill of Lading	87,384.389	87,264.957
Vessel adjusted by VEF	87,824.787	87,704.753
Difference	440.398	439.796
Difference, %	0.504%	0.504%



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TIME LOG

Time	Date	Operations
08:00	18-Apr-17	Vessel arrived at "End of Sea Passage"
08:30	18-Apr-17	Notice of Readiness tendered
08:30	18-Apr-17	Pilot on board
10:00	18-Apr-17	First line ashore
11:00	18-Apr-17	All Fast
11:00	18-Apr-17	Gangway secured
11:54	18-Apr-17	Loading Master on board
12:00	18-Apr-17	Commenced vessel's tank inspection
13:00	18-Apr-17	Completed vessel's tank inspection
13:00	18-Apr-17	Hoses 2 x 16" connected
14:24	18-Apr-17	Notice of Readiness received
16:12	18-Apr-17	Commenced Loading
21:24	19-Apr-17	Completed Loading
21:24	19-Apr-17	Commenced sampling vessel's tanks
21:24	19-Apr-17	Completed sampling vessel's tanks
22:24	19-Apr-17	Commenced measuring vessel's tanks
22:24	19-Apr-17	Completed measuring vessel's tanks
22:42	19-Apr-17	Completed cargo calculations
23:55	19-Apr-17	Hoses disconnected
01:36	20-Apr-17	Official cargo documents on board
01:48	20-Apr-17	Surveyor's documents on board
03:30	20-Apr-17	Loading Master left vessel
04:12	20-Apr-17	Vessel sailed (ETS)

DELAYS				REASON
From		To		
18:12	18-Apr-17	20:30	18-Apr-17	Loading suspended for Line Displacement
14:56	19-Apr-17	20:30	19-Apr-17	Loading suspended by shore request

Remarks: (*) - As per information received from the Master of the vessel
 Average delivery rate for each grade is as follows:
 4096.143 Mt in vacuo per hour for Tengiz Crude Oil, i.e. BOL Mt in vacuo divided by 21 hours 20 minutes.

Master of MV "Seafaith II": Sergey Nikiforov
 ZAO "Tamanneftegas" Representative: Ivan Anikin



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SUMMARY OF QUANTITIES

Comparison of Ship's figures and Bill of Lading
 ASTM calculation by ASTM D 1250-2004

Gross Quantities

Net Quantities

Totals of the Bills Of Lading	Tengiz Crude Oil					Total	Tengiz Crude Oil					Total
CUBIC METRES AT 15°C (GROSS STANDARD VOLUME)						CUBIC METRES AT 15°C (NET STANDARD VOLUME)						
Bill of Lading	110,585.154					110,585.154	110,582.942					110,582.942
Vessel's loaded quantity	111,487.021					111,487.021	111,484.791					111,484.791
Difference	901.867					901.867	901.849					901.849
% Difference	0.816%					0.816%	0.816%					0.816%
Bill of Lading	110,585.154					110,585.154	110,582.942					110,582.942
Vessel adjusted by VEF	111,142.479					111,142.479	111,140.256					111,140.256
Difference	557.325					557.325	557.314					557.314
% Difference	0.504%					0.504%	0.504%					0.504%
US BARRELS AT 60°C (GROSS STANDARD VOLUME)						US BARRELS AT 60°C (NET STANDARD VOLUME)						
Bill of Lading	695,942.46					695,942.46	695,928.54					695,928.54
Vessel's loaded quantity	701,587.82					701,587.82	701,573.79					701,573.79
Difference	5,645.36					5,645.36	5,645.25					5,645.25
% Difference	0.811%					0.811%	0.811%					0.811%
Bill of Lading	695,942.46					695,942.46	695,928.54					695,928.54
Vessel adjusted by VEF	699,419.62					699,419.62	699,405.63					699,405.63
Difference	3,477.16					3,477.16	3,477.09					3,477.09
% Difference	0.500%					0.500%	0.500%					0.500%
METRIC TONS IN AIR (GROSS WEIGHT)						METRIC TONS IN AIR (NET WEIGHT)						
Bill of Lading	87,264.957					87,264.957	87,260.594					87,260.594
Vessel's loaded quantity	87,976.638					87,976.638	87,972.679					87,972.679
Difference	711.681					711.681	712.085					712.085
% Difference	0.816%					0.816%	0.816%					0.816%
Bill of Lading	87,264.957					87,264.957	87,260.594					87,260.594
Vessel adjusted by VEF	87,704.753					87,704.753	87,700.806					87,700.806
Difference	439.796					439.796	440.212					440.212
% Difference	0.504%					0.504%	0.504%					0.504%
METRIC TONS IN VACUO (GROSS WEIGHT)						METRIC TONS IN VACUO (NET WEIGHT)						
Bill of Lading	87,384.389					87,384.389	87,380.419					87,380.419
Vessel's loaded quantity	88,097.044					88,097.044	88,093.080					88,093.080
Difference	712.655					712.655	712.661					712.661
% Difference	0.816%					0.816%	0.816%					0.816%
Bill of Lading	87,384.389					87,384.389	87,380.419					87,380.419
Vessel adjusted by VEF	87,824.787					87,824.787	87,820.835					87,820.835
Difference	440.398					440.398	440.416					440.416
% Difference	0.504%					0.504%	0.504%					0.504%

Quantities on board the Vessel are as calculated by ZAO "Tamanneftegas". ASTM calculation by ASTM D 1250-2004.

ZAO "Tamanneftegas" Representative: Ivan Anikin



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 Vessel Seafait II
 Location Taman
 B/Lading date 20-Apr-17

SUMMARY OF QUANTITIES

Calculation of Net figures
 ASTM calculation by ASTM D 1250-2004

Tengiz Crude Oil				
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CUBIC METRES AT 15°C

							Total
Bill of Lading	Gross	110,585.154					110,585.154
	Sediments & Water	2.212					2.212
	Net	110,582.942					110,582.942
Shore quantities	Gross	110,589.886					110,589.886
	Sediments & Water	2.212					2.212
	Net	110,587.674					110,587.674
Vessel's loaded quantity	Gross	111,487.021					111,487.021
	Sediments & Water	2.230					2.230
	Net	111,484.791					111,484.791

US BARRELS AT 60°C

							Total
Bill of Lading	Gross	695,942.46					695,942.46
	Sediments & Water	13.920					13.920
	Net	695,928.54					695,928.54
Shore quantities	Gross	695,972.14					695,972.14
	Sediments & Water	13.930					13.930
	Net	695,958.21					695,958.21
Vessel's loaded quantity	Gross	701,587.82					701,587.82
	Sediments & Water	14.030					14.030
	Net	701,573.79					701,573.79

METRIC TONS IN AIR

							Total
Bill of Lading	Gross	87,264.957					87,264.957
	Sediments & Water	4.363					4.363
	Net	87,260.594					87,260.594
Shore quantities	Gross	87,269.081					87,269.081
	Sediments & Water	4.364					4.364
	Net	87,264.717					87,264.717
Vessel's loaded quantity	Gross	87,976.638					87,976.638
	Sediments & Water	3.959					3.959
	Net	87,972.679					87,972.679

METRIC TONS IN VACUO

							Total
Bill of Lading	Gross	87,384.389					87,384.389
	Sediments & Water	3.970					3.970
	Net	87,380.419					87,380.419
Shore quantities	Gross	87,388.517					87,388.517
	Sediments & Water	123.806					123.806
	Net	87,264.711					87,264.711
Vessel's loaded quantity	Gross	88,097.044					88,097.044
	Sediments & Water	3.964					3.964
	Net	88,093.080					88,093.080

Criteria used for calculations:

Density at 15°C: (BOL)	0.7902					
Average Sediments & Water, % mass:	0.00450					
Average Sediments & Water, % vol.:	0.00200					
US Bbls@60°F/CuM@15°C by Ch. 11.5	6.293272071					
Density at 15°C: (Shore)	0.7902					
Average Sediments & Water, % mass:	0.14170					
Average Sediments & Water, % vol.:	0.00200					
US Bbls@60°F/CuM@15°C by Ch. 11.5	6.293272071					
Density at 15°C: (Ship)	0.7902					
Average Sediments & Water, % mass:	0.00450					
Average Sediments & Water, % vol.:	0.00200					
US Bbls@60°F/CuM@15°C by Ch. 11.5	6.293272071					
						Remarks:
						based on BOL

ZAO "Tamanneftgas" Representative: Ivan Anikin



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CERTIFICATE OF QUANTITY

Tengiz Crude Oil

Bill of Lading No.	226/1-H
Bill of Lading date	20-Apr-17
Gross Metric Tons in vacuo	87,384.389
Net Metric Tons in vacuo	87,380.419
Gross Metric Tons in air	87,264.957
Net Metric Tons in air	87,260.594
Gross Long Tons	85,886.69
Net Long Tons	85,882.40
Gross US barrels at 60°F	695,942.46
Net US barrels at 60°F	695,928.54
Gross US gallons at 60°F	29,229,583.32
Net US gallons at 60°F	29,228,998.68
Gross Cubic Metres at at 15°C	110,587.970
Net Cubic Metres at at 15°C	110,582.942
B/L Density at 15°C in vacuo	0.7902
API gravity from Density at 15°C as per Chapter 11.5.	47.49

Above quantities determined by ZAO "Tamanneftegas".

Criteria used for calculations:

Conv. factor from cu m at 15°C to US Bbls as per Chapter 11.5
 Conv. factor from US Bbls to US Gallons by Table 1
 Metric Tons in Air = GSV at 15°C * by Density at 15°C in air
 Long Tons = Metric Tons in Air * by

6.293272071
42
0.78912
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.

Net Volume (Cu M or Bbls or Gall) = Gross Volume (Cu M or Bbls or Gall) * ((100 - (S + W)vol%)/100)
 Net Metric Tons (in vacuo or in air) = Gross Metric Tons (in vacuo or in air) * ((100 - (S + W)mass%)/100)

Test results by loadport Oil Installation Laboratory:

Sediments, % mass	ASTM D4807	0.0050
Water, % mass	ASTM D4006	0
Sediments, % volume	calculated	0.0020
Water, % volume	calculated	0

ZAO "Tamanneftegas" Representative: Ivan Anikin



Report no. RU-0010-02-2018
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VESSEL TANKS INSPECTION REPORT

Product Tengiz Crude Oil Date of tank inspection:

B/Lading date 20-Apr-17 Time of tank inspection:

We hereby report that we, ZAO "Tamanneftegas", 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:	Tengiz Crude Oil				
PORTTANKS	1P, 2P, 3P, 4P, 5P, 6P, Slop P				
CENTRAL TANKS					
STARBOARD TANKS	1S, 2S, 3S, 4S, 5S, 6S, Slop S				

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	Aseng C.O.
Second Last Cargo	CPC Blend C.O.
Third Last Cargo	CPC Blend C.O.

TANK CLEANING:

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

Well drained only.

TYPE OF OBO:

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 "Seafaith II": Sergey Nikiforov

ZAO "Tamanneftegas" Representative: Ivan Anikin



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ON BOARD QUANTITY (OBQ) REPORT

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									
2P									
3P									
4P									
5P									
6P									
Slop P									
1S									
2S									
3S									
4S									
5S									
6S									
Slop S									
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 Aseng C.O.

Measurements by representative of the vessel and witnessed by .

Calculations by .

Master of MV "Seafaith II": Sergey Nikiforov

ZAO "Tamaneftegas" Representative: Ivan Anikin



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**LIQUID OBQ CALCULATION
 BY WEDGE FORMULA**

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									
2P									
3P									
4P									
5P									
6P									
Slop P									
1S									
2S									
3S									
4S									
5S									
6S									
Slop S									

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 .

Remarks

Master of MV "Seafait II": Sergey Nikiforov

ZAO "Tamanneftegas" Representative: Ivan Anikin



Report No. RU-0010-02-2018
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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) US barrels at 60°F	Shore Figure (B) US barrels at 60°F	Vessel Load/Disch Ratio	Qualify
Last	24-Feb-17	FPSO Aseng	Aseng C.O.	654,819.467	652,458.000	1.00362	Yes
2nd last	24-Jan-17	Novorossiysk	CPC Blend C.O.	633,629.207	631,669.768	1.00310	Yes
3rd last	24-Dec-16	Novorossiysk	CPC Blend C.O.	738,292.724	736,880.271	1.00192	Yes
4th last	6-Dec-16	Novorossiysk	REBCO	561,143.815	558,974.178	1.00388	Yes
5th last	22-Oct-16	Vysotsk	Fuel Oil	518,562.955	515,870.000	1.00522	Yes
6th last	25-Sep-16	Ceyhan	Azeri C.O.	686,405.293	684,325.992	1.00304	Yes
7th last	17-Sep-16	Sidi Kerir	Qarun C.O.	432,181.144	430,723.770	1.00338	Yes
8th last	30-Aug-16	Supsa	Azeri C.O.	602,403.000	600,383.000	1.00336	Yes
9th last	8-Aug-16	Kulevi	CPC Blend C.O.	579,945.000	578,694.000	1.00216	Yes
10th last	17-Jul-16	Supsa	Azeri C.O.	601,786.000	599,782.000	1.00334	Yes
11th last	23-Jun-16	Novorossiysk	CPC Blend C.O.	738,387.000	735,897.000	1.00338	Yes
12th last	6-Jun-16	Ceyhan	Azeri C.O.	603,756.000	601,384.000	1.00394	Yes
13th last	19-May-16	Ceyhan	Azeri C.O.	653,567.000	651,162.000	1.00369	Yes
14th last	30-Apr-16	Novorossiysk	CPC Blend C.O.	675,743.000	671,095.000	1.00693	No
15th last	10-Apr-16	Ras Lanuf	Amna C.O.	750,781.000	749,843.000	1.00125	Yes
16th last	17-Mar-16	Aseng	Aseng C.O.	683,995.000	682,473.000	1.00223	Yes
17th last	14-Feb-16	Novorossiysk	Siberian Light C.O.	593,820.000	591,702.000	1.00358	Yes
18th last	22-Jan-16	Es Sider	Es Sider C.O.	602,119.000	599,856.000	1.00377	Yes
19th last	1-Jan-16	Novorossiysk	Siberian Light C.O.	593,364.000	591,852.000	1.00255	Yes
20th last	27-Nov-15	Marsa El Brega	Brega C.O.	631,970.000	630,656.000	1.00208	Yes

Step (b) - Totals, excluding present cargo	12,536,670.605	12,495,680.979
Step (c) - Average Vessel Load Ratio (VLR), (A)/(B)	1.00328	
Permissible VLR range (plus / minus 0.3%)	1.00629	1.00027
Step (g) - Totals of qualifying voyages only	11,860,927.605	11,824,585.979
Step (h) - Average VLR as step (c), qualifying voyages only	1.00307	
VLR (VEF) range (plus / minus 0.3%)	1.00608	1.00006

Vessel's figures this voyage (Excluding OBQ)	88,097.044
Bill of Lading this voyage	87,384.389
Vessel loaded ratio this voyage	1.0082

Number of qualifying voyages: 19

Vessel Experience Factor 1.0031
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The above mentioned quantities are for the last 0 voyages as obtained from ship's record and cannot be guaranteed as accurate by ZAO "Tamaneftegas". 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 "Seafaiht II": Sergey Nikiforov

ZAO "Tamaneftegas" Representative: Ivan Anikin



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ULLAGE REPORT AFTER LOADING

**ASTM calculation by ASTM
 D 1250-2004**

Draft: FWD: 13.70 m, AFT: 13.70 m, Trim: 0.00 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 54A	*	Gross Standard Volume Cu Mtrs
	Actual	Corrected		Dip Mtrs	Volume Cu Mtrs					
1P	3.300	3.300	7,527.650			7,527.650	13.3	1.00167	1	7,540.221
2P	2.320	2.320	9,686.918			9,686.918	13.5	1.00147	1	9,701.158
3P	2.320	2.320	9,740.571			9,740.571	13.3	1.00167	1	9,756.838
4P	3.380	3.380	9,295.399			9,295.399	14.5	1.00049	1	9,299.954
5P	2.330	2.330	9,735.965			9,735.965	14.0	1.00098	1	9,745.506
6P	2.450	2.450	9,113.757			9,113.757	14.3	1.00069	1	9,120.045
Slop P	9.600	9.600	981.099			981.099	13.4	1.00157	1	982.639
1S	3.300	3.300	7,527.650			7,527.650	13.0	1.00197	1	7,542.479
2S	2.310	2.310	9,691.299			9,691.299	13.1	1.00187	1	9,709.422
3S	2.320	2.320	9,740.571			9,740.571	13.1	1.00187	1	9,758.786
4S	4.920	4.920	8,481.505			8,481.505	14.4	1.00059	1	8,486.509
5S	2.320	2.320	9,740.401			9,740.401	13.7	1.00128	1	9,752.869
6S	2.500	2.500	9,091.621			9,091.621	13.7	1.00128	1	9,103.258
Slop S	9.460	9.460	986.755			986.755	14.4	1.00059	1	987.337
Totals			111,341.161			111,341.161				111,487.021

Product Code (*)	Product Name(s)	Factor by Chapt. 11.5	TOV Cu Mtrs	Free Water Cu Mtrs	GOV Cu Mtrs
1	Tengiz Crude Oil	6.29327	111,341.161		111,341.161
Long Tons = Metric tons (air) x 0.984206		Totals:	111,341.161		111,341.161

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	0.7902	0.78912	111,487.021		111,487.021	701,618.000	87,976.638
Totals:			111,487.021		111,487.021	701,618.000	87,976.638

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

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: 006503 Port: 006504

ZAO "Tamaneftegas" Representative: Ivan Anikin

Master of MV "Seafaiht II": Sergey Nikiforov

Long Tons	*	Metric Tons (in vacuo)
86,587.13	1	88,097.044
86,587.13		88,097.044



Report no. RU-0010-02-2018
Date of report 20-Apr-17
Vessel Seafaith II
Location Taman
Product Tengiz Crude Oil
B/Lading date 20-Apr-17

RECEIPT FOR DOCUMENTS

To: Master of MV Seafaith II (Sergey Nikiforov)

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 "Seafaith II": Sergey Nikiforov

ZAO "Tamaneftegaz" Representative: Ivan Anikin

RECEIPT FOR SAMPLES

To: Master of mv Seafaith II (Sergey Nikiforov)

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 Tengiz Crude Oil ex: 1P, 2P, 3P, 4P, 5P, 6P, Slop P, 1S, 2S, 3S, 4S, 5S, 6S, Slop S,
1.000	1	234567	Multiple Shore tank composite sample (before loading)
TOTAL	3		

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

Master of MV "Seafaith II": Sergey Nikiforov

ZAO "Tamaneftegaz" Representative: Ivan Anikin



REPORT OF SHORE BASED QUANTITY

ASTM calculation by ASTM D 1250-2004

Report no. RU-0010-02-2018
 Date of report 20-Apr-17
 Vessel Seafairth II
 Location Taman
 Product Tengiz Crude Oil
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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):		0.7902

	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 53A	VCF by T 54A	Gross Standard Volume Cu Mtrs	Gross Metric Tons (in Vacuo)	Sediment mass%	Water mass%	Net Metric Tons (in Vacuo)
Tank 1	17.333		28,220.708		6.500	0.99992	28,211.951	16.6	0.7909	0.99843	28,167.658	22,277.801	0.0050	-	22,246.266
	2.087		3,326.844		6.500	0.99976	3,319.547	9.7	0.7909	1.00520	3,336.809	2,639.082	0.0050	-	2,635.346
Difference:			24,893.864				24,892.404				24,830.849	19,638.719			19,610.920
Tank 2	23.184		37,785.313		6.500	0.99982	37,772.013	12.3	0.7895	1.00266	37,872.487	29,900.328	0.0050	-	29,857.931
	13.848		22,517.309		6.500	0.99983	22,506.982	12.8	0.7895	1.00217	22,555.822	17,807.821	0.0050	-	17,782.571
Difference:			15,268.004				15,265.031				15,316.665	12,092.507			12,075.360
Tank 3	23.181		37,741.527		6.500	0.99976	37,725.971	9.5	0.7907	1.00539	37,929.314	29,990.709	0.0050	-	29,948.246
	2.000		3,190.365		6.500	0.99974	3,183.037	8.5	0.7907	1.00637	3,203.313	2,532.860	0.0050	-	2,529.273
Difference:			34,551.162				34,542.934				34,726.001	27,457.849			27,418.973
Tank 5	23.120		37,662.405		-1.276	0.99983	37,657.278	12.8	0.7893	1.00217	37,738.994	29,787.388	0.0050	-	29,745.141
	2.001		3,186.120			0.99976	3,185.355	9.3	0.7893	1.00561	3,203.225	2,528.305	0.0050	-	2,524.720
Difference:			34,476.285				34,471.923				34,535.769	27,259.083			27,220.421
Line 106/13			1,026.719			1.00034	1,027.068	13.0	0.7898	1.00197	1,029.091	812.776	0.0050	-	811.624
			639.000			1.00034	639.217	13.0	0.7898	1.00197	640.476	505.848	0.0050	-	505.131
Difference:			387.719				387.851				388.615	306.928			306.493
Line 106/14 (2)			790.200			1.00034	790.469	13.0	0.7998	1.00192	791.987	633.431	0.0050	-	632.544
			-			-	-				-	-	-	-	-
Difference:			790.200				790.469				791.987	633.431			632.544
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
Tank			-			-	-				-	-	-	-	-
Difference:			-			-	-				-	-	-	-	-
TOTAL			110,367.234				110,350.612				110,589.886	87,388.517			87,264.711



Report no. RU-0010-02-2018
Date of report 20-Apr-17
Vessel Seafaiith II
Location Taman
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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 ZAO "Tamanneftegas" Representative after loading:

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

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

ZAO "Tamanneftegas" Representative: Ivan Anikin

Master of MV "Seafaiith II": Sergey Nikiforov

Shore representative:



Report no. RU-0010-02-2018
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Vessel Seafaith II
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Product Tengiz Crude Oil
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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:

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.

ZAO "Tamanneftegas" Representative: Ivan Anikin

Master of MV "Seafaith II": Sergey Nikiforov

Shore representative:



Report no. RU-0010-02-2018
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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 by ASTM D 1250-2004

	<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	87,384.389	87,264.957
Vessel's loaded quantity	88,097.044	87,976.638
Difference	712.655	711.681
Difference, %	0.816%	0.816%

	<u>GROSS WEIGHT</u>	
	Metric Tons in Vacuo	Metric Tons in Air
Bill of Lading	87,384.389	87,264.957
Vessel loaded quantity adjusted hv VEF	87,824.787	87,704.753
Difference	440.398	439.796
Difference, %	0.504%	0.504%

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

ZAO "Tamaneftegas" Representative: Ivan Anikin

Master of MV "Seafaith II": Sergey Nikiforov

Shore representative: