

EXXONMOBIL SALES & SUPPLY LLC
22777 Springwood Village Parkway
RU 4583
77389 Spring
United States
ExxonMobil Nwe Scheduler
NW20311



Job No 12004/00127982.0000/01/I/20
Report date 27 Nov 2020
Installation Vlaardingen, Netherlands, Vopak Terminal Vlaardingen

Barge Serenity
Product EHC 50

Outturn date:

Contents page

Saybolt Nederland BV has performed a survey of the above mentioned object, the findings of the survey are reflected in the following reports:

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This report consists of 9 pages.

A copy of this report and all field documents and related correspondence will be retained for a period of 10 years, unless local law requires otherwise

Handled by: Corla Lakerveld

This report reflects only the findings at the time and place of the inspection and testing. This report is not a guarantee or policy of insurance with respect to the goods or the contractual performance of any party. Any person relying upon this report should be aware that issuer's activities are carried out under their general terms and conditions.

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Cover Page Discharge

Discharge data

Quantity data			
Outturn figure amounts to Gross	Metric Tons Air	2,501.306	
Loadport		Rotterdam Botlek	
B/L Date		26 Nov 2020	
Average product temperature onboard	°C	38.90	
Calculation data			
Shore tank Volume conversion table used		54D	
Vessel Volume conversion table used		54D	
Shore data			
Discharge Installation		Vopak Terminal Vlaardingen	
Shore tank number(s)		6005, 6010	
Type of Standpipe of shore tank(s)		See Shore tank details report for data	
Shore tank measurements were carried out with		Shore equipment/ATG	by Automatic Tank Gauge
Shore tank temperatures were carried out with		Shore equipment/ATG	by Automatic Tank Temperature
Vessel data			
Cargo stowed in cargo tanks		C1, C2, C3, C4, C5, C6, C7, C8, C9	
Operational data			
Quality has been determined by		Shore	

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Time Log

26 Nov 2020 (Thursday)

05:50	Object arrived at Installation
06:30	Moored Alongside Berth (All Fast)
06:45	Saybolt onboard before Operation
06:46	Commenced Initial Inspection
07:15	Completed Initial Inspection and Calculations, Tank(s) Measured
07:45	Hose connected
07:54	COMMENCED DISCHARGE, filling shoreline
08:17	Completed filling shoreline
08:18	End of shoreline sample taken
08:35	Shoreline released
08:54	Resumed Discharge
13:19	Completed discharge into shore tank 6005
16:12	Commenced discharge into shore tank 6010
22:10	COMPLETED DISCHARGE
22:35	Saybolt onboard after Operation
22:35	Hose disconnected
22:40	Commenced Final Inspection
22:50	Completed Final Inspection and Calculations, Tank(s) Inspected on Emptiness
22:55	Documents on Board
23:20	Object Sailed / Departed

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Summary Discharge (GSV)

Gross Standard Volume Data

GSV Figures	Loadport Incl OBQ	Disport Incl ROB	Δ Quantity	Δ %
Liters 15°C	2,940,767	2,938,313	-2,454	-0.08
Barrels 60°F	18,504.45	18,489.01	-15.44	-0.08
US Gallons 60°F	777,187	776,539	-648	-0.08
Metric Tons Vac	2,501.716	2,499.628	-2.088	-0.08
Metric Tons Air	2,498.564	2,496.479	-2.085	-0.08
Long Tons Air	2,459.10	2,457.05	-2.05	-0.08

GSV Figures	Loadport Excl OBQ	Disport Excl ROB	Δ Quantity	Δ %
Liters 15°C	2,940,767	2,938,313	-2,454	-0.08
Barrels 60°F	18,504.45	18,489.01	-15.44	-0.08
US Gallons 60°F	777,187	776,539	-648	-0.08
Metric Tons Vac	2,501.716	2,499.628	-2.088	-0.08
Metric Tons Air	2,498.564	2,496.479	-2.085	-0.08
Long Tons Air	2,459.10	2,457.05	-2.05	-0.08

GSV Figures	Bill of Lading	Shore receipt	Δ Quantity	Δ %
Liters 15°C	2,931,644	2,927,783	-3,861	-0.13
Barrels 60°F	18,447.05	18,422.75	-24.30	-0.13
US Gallons 60°F	774,776	773,755	-1,021	-0.13
Metric Tons Vac	2,493.866	2,504.442	10.576	0.42
Metric Tons Air	2,490.724	2,501.306	10.582	0.42
Long Tons Air	2,451.39	2,461.80	10.41	0.42

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Discharged	0.8507		34.74	0.8512	
Bill of Lading	0.8507	0.8476	34.74	0.8512	
Shore Receipt	0.8554	0.8523	33.82	0.8559	

General Data

Loadport Rotterdam Botlek

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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
EHC 50	Shore tank 6005/6010:Running from shore tank before discharge	Open	Retain	2	1 liters
EHC 50	Shore tank 6005/6010:Dead Bottom from shore tank before discharge	Open	Retain	2	0.25 liters
EHC 50	Shore tank 6005/6010:Upper, middle, lower, STC from shore tank after discharge	Open	Retain	8	1.0 liters
EHC 50	Shore tank 6005/6010:Dead Bottom from shore tank after discharge	Open	Retain	2	0.25 liters
EHC 50	End of shoreline near tank during discharge	Open	Retain	1	1.0 liters
Total Samples				15	

Information

Samples drawn by	Saybolt Inspector
Shoretank sampling location	Top of tank
Type / condition of sampling containers	Clean glass bottles/tins
Loadport samples delivered by	Saybolt Inspector
received by	Vessel

Remarks:

Samples retained by Saybolt will be held for 90 days (unless otherwise specified) at the end of which they shall be disposed of.

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Shore Tank Report Single

Shore tank 6005

Shore tank measurement		Open	Close
Date / Time of measurement		26 Nov 2020 02:54	27 Nov 2020 07:40
Average Innage	m m	VMS	VMS
Average temp.	°C	15.00	19.20
T.O.V.	Liters	3,274,539	4,453,482
G.O.V.	Liters	3,274,539	4,453,482
Dens 15°C	kg/l	0.8509	0.8530
V.C.F.	54D	1.00000	0.99691
G.S.V.	liters 15°C	3,274,539	4,439,890
Main Table 56		0.84980	0.85190
Metric Tons Air		2,782.703	3,782.342

Totals			GSV		NSV
T.O.V.	Liters	1,178,943	Liters 15°C	1,165,351	
G.O.V.	Liters	1,178,943	Barrels 60°F	7,332.84	
			US Gallons 60°F	307,979	
Density 15°C	kg/l	0.8589	Metric Tons Vac	1,000.887	
RD 60/60°F		0.8594	Metric Tons Air	999.639	
API 60°F		33.15	Long Tons Air	983.85	
Average Temp.	°C	30.87	S&W %		

Tables used:

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Product EHC 50

Outturn date:

Shore Tank Report Single

Shore tank 6010

Shore tank measurement		Open	Close
Date / Time of measurement		26 Nov 2020 02:54	27 Nov 2020 07:39
Average Innage	m m	VMS	VMS
Average temp.	°C	9.50	29.90
T.O.V.	Liters	82,829	1,867,696
G.O.V.	Liters	82,829	1,867,696
Dens 15°C	kg/l	0.8522	0.8531
V.C.F.	54D	1.00405	0.98900
G.S.V.	liters 15°C	83,170	1,845,602
Main Table 56		0.85110	0.85200
Metric Tons Air		70.786	1,572.453

Totals			GSV	NSV
T.O.V.	Liters	1,784,867	Liters 15°C	1,762,432
G.O.V.	Liters	1,784,867	Barrels 60°F	11,089.91
			US Gallons 60°F	465,776
Density 15°C	kg/l	0.8531	Metric Tons Vac	1,503.555
RD 60/60°F		0.8536	Metric Tons Air	1,501.667
API 60°F		34.27	Long Tons Air	1,477.95
Average Temp.	°C	30.85	S&W %	

Tables used:

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Outturn date:

Ullage Report Arrival

Survey Date and Time 26 Nov 2020 07:15

Dens. 15°C Vac

0.8507

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCf table 54D	GSV Liters 15°C
C1	2695		218,356			218,356	37.80	0.98309	214,664
C2	4451		353,059			353,059	39.00	0.98220	346,775
C3	4453		353,213			353,213	39.20	0.98205	346,873
C4	4451		352,761			352,761	38.80	0.98235	346,535
C5	4449		352,935			352,935	38.90	0.98227	346,677
C6	4437		352,040			352,040	39.30	0.98197	345,693
C7	4448		352,930			352,930	39.20	0.98205	346,595
C8	4446		352,422			352,422	39.20	0.98205	346,096
C9	3574		303,630			303,630	38.20	0.98279	298,405
Totals			2,991,346			2,991,346			2,938,313

Summary Totals

On-board figures	ROB Information	Draft	Correction
GSV Liters 15°C	2,938,313	FORE m	3.80 TRIM m
TCV Liters 15°C	2,938,313	AFT m	3.80 LIST °

On-board figures	Discharged figures
GSV Liters 15°C	2,938,313
GSV Barrels 60°F	18,489.01
GSV US gallons 60	776,539
MT vac	2,499.628
MT air	2,496.479
LT	2,457.05
GSV Disch. Ltrs 15°C	2,938,313
GSV Disch. Bbls 60°F	18,489.01
GSV Disch. US Glns 60°F	776,539
MT Vac Disch.	2,499.628
MT Air Disch.	2,496.479
LT Disch.	2,457.05

Signed by: Ship's representative

Name:

Rank: *Barge Master*

Saybolt representative

Saybolt Inspector

Measurements in accordance with API standards.

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Outturn date:

Ullage Report LoadPort

Survey Date and Time 26 Nov 2020 04:53

Dens. 15°C Vac

0.8507

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCF table 54D	GSV Liters 15°C
C1	2697		218,523			218,523	38.20	0.98279	214,762
C2	4454		353,300			353,300	39.30	0.98197	346,930
C3	4457		353,535			353,535	39.50	0.98182	347,108
C4	4455		353,083			353,083	39.10	0.98212	346,770
C5	4453		353,257			353,257	39.20	0.98205	346,916
C6	4450		353,086			353,086	39.70	0.98168	346,617
C7	4451		353,172			353,172	39.60	0.98175	346,727
C8	4450		352,744			352,744	39.50	0.98182	346,331
C9	3578		303,925			303,925	38.60	0.98250	298,606
Totals			2,994,625			2,994,625			2,940,767

Summary Totals

On-board figures	OBQ Information	Draft	Correction
GSV Liters 15°C	2,940,767	FORE m	3.20 TRIM m
TCV Liters 15°C	2,940,767	AFT m	3.20 LIST °

On-board figures

GSV Liters 15°C	2,940,767	Average Product Temp °C	39.24
GSV Barrels 60°F	18,504.45		
GSV US gallons 60	777,187		
MT vac	2,501.716		
MT air	2,498.564		
LT	2,459.10		

Remarks

Ullages and temperatures copied from load port, recalculated by Saybolt.

Signed by: Ship's representative

Name:

Rank: *Barge Master*

Saybolt representative

Saybolt Inspector

Measurements in accordance with API standards.