

EXXONMOBIL OIL CORPORATION
22777 SPRINGWOODS VILLAGE PARKWAY
77389-1425 Spring
United States
Ms. J. Ryle
Trip: 2021-BR-SNO-AC600-01



Job No 13074/00001961.0000/01/I/21
Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Contents page

Saybolt LP 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 16 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: Larry Hodson

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.

All manual gauges, temp. and samples in accordance with API MPMS Ch. 3 for Manual Gauging, Ch. 7 for Temperature Measurement, Ch. 8 for Sampling, Ch. 12 for Calculations and Ch. 17 for Marine Measurement. Vol corr. for temp. based on ASTM D 1250 or terminal/customer supplied tables, for which Saybolt can assume no responsibility. All Saybolt measurement devices and methods used for quantity and quality determination meet the pertinent requirements of 40 CFR 98.3 et. Seq. (Greenhouse Gas Mandatory Reporting Rule)

Handled by: Larry Hodson

Saybolt LP, 201 Deerwood Glen Dr., 77536 Deer Park, Tx, U.S.A.
Tel. 281-478 1300 FAX
Website: E-mail:

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SAIL4 CNT V4.1.1.2 2020/05/18

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Installation Houston, United States of America, Vopak Terminal Deer Park

Barge **CBC 307**
Product **AC 600**

Cover Page Discharge

Discharge data

Quantity data

Outturn date 24 Feb 2021
Loadport
Average product temperature onboard °F 47.4

Calculation data

Shore tank Volume conversion table used 6D
Vessel Volume conversion table used 6D

Shore data

Discharge Installation Vopak Terminal Deer Park
Shore tank number(s) 724

Vessel data

Cargo stowed in cargo tanks 1P, 1S, 2P, 2S, 3P, 3S
Type of standpipes of vessel tanks None
Vessel tank measurement were carried out with Saybolt equipment by Manual tape
Vessel tank measurement equipment number 5518
Vessel tank temperatures were carried out with Saybolt equipment by Portable Electronic Thermometer
Vessel tank temperature equipment number 1C0413891
Sea Condition Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)
Weather condition Clear Sky

Operational data

Ambient outside temperature at discharge °F 72.00

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Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Time Log

14 Jan 2021 (Thursday)	
04:30	Notice of Readiness Tendered
22 Feb 2021 (Monday)	
16:30	Object arrived at Installation
16:40	Moored Alongside Berth (All Fast)
18:15	Commenced Initial Inspection
18:50	Completed Initial Inspection and Calculations, Tank(s) Measured and Sampled
18:50	Saybolt onboard before Operation
18:50	Hose / Arm Connected
19:50	COMMENCED DISCHARGE
19:55	Suspended for nitrogen issues
20:05	Resume after nitrogen issues
21:45	Suspended Discharge
22:05	Resumed Discharge
24 Feb 2021 (Wednesday)	
08:10	COMPLETED DISCHARGE
08:25	Saybolt onboard after Operation
08:26	Commenced Final Inspection
08:40	Completed Final Inspection and Calculations, Tank(s) Inspected on Emptiness
08:50	Hose / Arm Disconnected
12:00	Object Sailed / Departed
14:00	Gauged Shore Tank Closed

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Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Certificate of Quantity

The undersigned Independent Saybolt Surveyor herewith declares that the quantity of product discharged by the above mentioned object amounts to:

	Gross	Net
Liters 15°C	3,888,358	3,888,358
Cubic meters 15°C	3,888.358	3,888.358
Cubic meters 60°F	3,889.914	3,889.914
Barrels 60°F	24,466.82	24,466.82
US Gallons 60°F	1,027,606.30	1,027,606.30
Metric Tons vac	3,413.288	3,413.288
Metric Tons air	3,409.136	3,409.136
Long Tons	3,355.290	3,355.290
Short Tons	3,757.930	3,757.930
Pounds	7,515,860	7,515,860

These quantities have been determined by measurement of shore tanks.

Outturn API 60°F	29.60
Outturn Density 15°C	0.8778
Outturn RD 60/60°F	0.8783

Criteria used

US Gallons 60°F to Liters 15°C	MPMS 11.5.1 - 4.19	3.783898225
Liters 15°C to Cu m 15°C	MPMS 11.5.3 - Annex A	0.001
US Barrels 60°F to Cu m 60°F	MPMS 11.5 - Annex D	0.158987304
US Barrels 60°F to US Gallons 60°F	MPMS 11.5 - Annex D	42
Metric Tons Air to Metric Tons Vac	MPMS 11.5.3 - 4.5	1.001217935
Pounds to Metric Tons Air	MPMS 11.5 - Annex D	453.59237
Pounds to Long Tons	MPMS 11.5 - Annex D	2,240

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Barge CBC 307
Product AC 600

Shore Tank Measurement Details

Shore tank 724

Measurement data (Ullage)		Open	Close
Average	FT/IN	47-7-15/16	26-1-7/8
Measurement Equipment Data		Open	Close
Water measurement used		Paste	
Water paste used		KK/MASTERS	
Gauging equipment type		Saybolt Equipment	Saybolt Equipment
Gauging Equipment used		Manual Tape	Manual Tape
Gauging equipment number		3871	5518
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	Portable Electronic Thermometer
Temperature equipment number		1E754098	1C0413891
Inspector Equipment used for verification?		No	
Inspector name		JOHN HARRIS	JO CAMPBELL

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Product AC 600

Outturn date: 24 Feb 2021

Shore Tank Report Single

Shore tank 724 at Vopak Terminal Deer Park

Shore tank measurement		Open	Close
Date / Time of measurement		22 Feb 2021 14:45	24 Feb 2021 14:00
Average Ullage	FT/IN	47-7-15/16	26-1-7/8
Average temp.	°F	54.6	53.5
T.O.V.	us gallons	229,207.00	1,255,357.00
Floating roof	us gallons		-1,286.40
Ambient temp.	°F	74.00	
G.O.V.	us gallons	229,207.00	1,254,070.60
API 60°F		29.60	29.60
V.C.F.	6D	1.00215	1.00258
G.S.V.	us gallons 60°F	229,699.80	1,257,306.10
Table 8	MPMS 11.5.1.4.4	7.313948366	7.313948366
Pounds		1,680,012	9,195,872

Totals			GSV	NSV
T.O.V.	us gallons	1,026,150.00	Liters 15°C	3,888,358
G.O.V.	us gallons	1,024,863.60	Cu m 15°C	3,888.358
			Cu m 60°F	3,889.914
Density 20°C	kg/l	0.8778	Barrels 60°F	24,466.82
RD 60/60°F		0.8783	US Gallons 60°F	1,027,606.30
API 60°F		29.60	Metric Tons Vac	3,413.288
			Metric Tons Air	3,409.136
Average Temp.	°F	53.3	Long Tons Air	3,355.290
			Short Tons Air	3,757.930
Tables used:	6D and W.C.F. MPMS 11.5.1.4.4.		Pounds	7,515,860

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Barge **CBC 307**
Product **AC 600**

Outturn date: 24 Feb 2021

Ullage Report Arrival

Survey Date and Time 22 Feb 2021 17:00

API 60°F

29.60

Tank	Innage FT (decimal)	Innage corr FT (decimal)	TOV us gallons	Free water FT (decimal)	us gallons	GOV us gallons	Temp °F	VCF table 6D	GSV US Gallons 60°F
1P	11 05-1/2		176,775.00	NIL		176,775.00	47.20	1.00508	177,673.02
1S	11 06-1/4		177,854.00	NIL		177,854.00	47.80	1.00484	178,714.81
2P	11 03-3/4		171,181.00	NIL		171,181.00	47.30	1.00504	172,043.75
2S	11 01-1/4		167,810.00	NIL		167,810.00	47.40	1.00500	168,649.05
3P	10 09-1/4		164,359.00	NIL		164,359.00	47.40	1.00500	165,180.79
3S	10 11-1/2		166,410.00	NIL		166,410.00	47.50	1.00496	167,235.39
Totals			1,024,389.00			1,024,389.00			1,029,496.81

Summary Totals

On-board figures	ROB Information	Draft	Correction
GSV US Gallons 60°F 1,029,496.81	ROB LIQUID OIL 996.00	FORE FT/IN	9-6 TRIM FT/IN 0 1
TCV US Gallons 60°F 1,029,496.81	ROB TOTAL VOLUME 996.00	AFT FT/IN	10-0 LIST °

On-board figures	Discharged figures
GSV Liters 15°C 3,895,511	GSV Disch. Ltrs 15°C 3,891,742
GSV Cu m 15°C 3,895.511	Cu m 15°C Disch. 3,891.742
GSV Cu m 60°F 3,897.070	Cu m 60°F Disch. 3,893.299
GSV Barrels 60°F 24,511.83	GSV Disch. Bbls 60°F 24,488.11
GSV US gallons 60 1,029,496.81	GSV Disch. US Glns 60°F 1,028,500.81
MT vac 3,419.568	MT Vac Disch. 3,416.260
MT air 3,415.408	MT Air Disch. 3,412.104
LT 3,361.470	LT Disch. 3,358.215
ST 3,764.844	ST Disch. 3,761.201
Pounds 7,529,687	Pounds Disch. 7,522,402

Signed by: Ship's representative
Name:
Rank: *Barge Master*

Saybolt representative
JO CAMPBELL
Saybolt Inspector

Measurements in accordance with API standards.

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Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

ROB Report

Survey Date and Time 24 Feb 2021 08:40

Tank	Total Observed Volume sounding FT (decimal)	Volume us gallons	Liquid Oil sounding FT (decimal)	Volume us gallons	Non-Liquid sounding FT (decimal)	Volume us gallons	Free water sounding FT (decimal)	Volume us gallons
1P	NIL		NIL		NIL		NIL	
1S	NIL		NIL		NIL		NIL	
2P	NIL		NIL		NIL		NIL	
2S	NIL		NIL		NIL		NIL	
3P	NIL		NIL		NIL		NIL	
3S	NIL	996.00	0-0 1/2	996.00	NIL		NIL	

Summary Totals

On-board figures			Draft		Corrections			
Total Observed Volume	us gallons	996.00	Fore	FT/IN	2.00	Trim	FT/IN	0 0
Free Water	us gallons		Aft	FT/IN	2.00	List	°	
Gross Observed Volume	us gallons	996.00	Sea water temperature				°F	60
Liquid Volume	us gallons	996.00	Ambient temperature				°F	65
Non-Liquid Volume	us gallons		Trim/List correction applied?					No
			Wedge formula applied?					No

Remarks

1. Above volumes presumed to be at standard temperature unless otherwise noted.
2. Above volumes exclude any clingage.
3. Measurements are taken at one point only unless otherwise stated.

Signed by: Ship's representative
Name:
Rank: *Barge Master*

Saybolt representative
Tim Wedman
Saybolt Inspector

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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
AC 600	Tb CBC 307:Running from barge tanks 1P, 1S, 2P, 2S, 3P, 3S before discharge	Open	Retain	12	1 Quarts
AC 600	Tb CBC 307:Composite from barge tanks before discharge	Open	Lab	1	1 Quarts
AC 600	Shore tank 724:Running from shore tank after discharge	Open	Retain	4	1 Quarts
AC 600	Shore tank 724:Running from shore tank after discharge	Open	Exxon Mobil	4	1 Quarts
AC 600	Shore tank 724:Running from shore tank after discharge	Open	Exxon Mobil	1	1 Gallons
AC 600	Shore tank 724:Running from shore tank after discharge	Open	RetainExxon Mobil	1	1 Gallons
Total Samples				23	

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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Product **AC 600**

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Line Displacement Report

Mineral

On your request a line displacement was carried out before discharge of the above mentioned vessel, in order to check the condition of the shoreline, and we report as follows:

Shore tank(s) used	724	0
Tanks API 60°F	29.44	
Shore line(s) used	80/67-1/67-2	
Shore line API 60°F	29.44	
Ship tank(s) used	3P,3S	
Ships API 60°F	29.44	

Shore Line Displacement Comparison

		Observed Volume Gallons	Temperature °F	Standard Volume Gallons
Shore				
A	Shore tank 724 quantity before	229,207.00	54.6	229,697.50
B	Shore tank 724 quantity after	236,980.00	54.6	237,487.14
C	Shore tank difference (B-A)	7,773.00		7,789.64
D	Shore tank 0 quantity before	0	0	0
E	Shore tank 0 quantity after	4,137.00	54.6	4,145.85
F	Shore tank difference (E-D)	4,137.00		4,145.85
G	Total shore difference (C+F)	11,910.00		11,935.49
Vessel				
K	Ship tanks quantity before	330,769.00	47.1	332,462.54
L	Ship tanks quantity after	318,033.00	47.1	319,661.33
M	Ships difference (K-L)	12,736.00		12,801.21
N	Ship line quantity			
O	Difference including Ship line (M-N)	12,736.00		12,801.21
Totals				
	Difference Ship vs Shore (O-G)	Δ Quantity	Δ %	
	Observed Volume Gallons	-826.00	-6.94	
	Standard Volume Gallons	-865.72	-7.25	

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative
john harris
Saybolt Inspector

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Notice of Apparent Discrepancy

TO: THE REPRESENTATIVE OF THE TERMINAL INDICATED ABOVE:

1. The designated shore tanks were gauged, sampled (if applicable) and temperatured (if applicable) before and after cargo transfer and found to have received 24,466.82 Bbl GSV at 60°F.
2. The designated vessel tanks were gauged, sampled (if applicable) and temperatured (if applicable) before and after cargo transfer and found to have delivered 24,488.11 Bbl GSV at 60°F, not applying the vessel's experience factor (VEF).
3. Please investigate the discrepancy between the volumes show above in items 1 and 2 which appears to be 21.29 Bbl and report your findings promptly.
4. The terminal representative designated shore tank(s) number(s) 724 to receive the above cargo.
The terminal representative informed us that the shore lines used to transfer the cargo were empty before and empty after transfer of the cargo.
5. Line fill was verified by the terminal using the following line fill verification procedure: Line displacement
6. There was no evidence of spillage at the terminal or the vessel.

Furthermore, on behalf of our client, we reserve the right to revert to this matter at a later date.

Signed by: Shore representative
Name:
Rank: *Loading Master*

Saybolt representative
Tim Wedman
Saybolt Inspector

Note: If the word "Refused" appears above under "Shore representative", it indicates that a copy of this document was left with the terminal on the date shown at the top, however, the terminal representative refused to acknowledge receipt of the document.

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Handled by: Larry Hodson

Saybolt LP, 201 Deerwood Glen Dr., 77536 Deer Park, Tx, U.S.A.
Tel. 281-478 1300 FAX
Website: E-mail:

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SAIL4 NOAD V4.0.10.0 2018/12/04

Date: 25 Feb 2021 11:09
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EXXONMOBIL OIL CORPORATION
22777 SPRINGWOODS VILLAGE PARKWAY
77389-1425 Spring
United States
Ms. J. Ryle
Trip: 2021-BR-SNO-AC600-01



Job No 13074/00001961.0000/01/I/21
Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Letter of Protest

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients do hereby lodge protest in respect of:

1. ROB's of 23.71 Barrels After The Cargo Hose Blowback

Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.

Signature of this document is acknowledged of receipt only and not an admission of responsibility for the incident.

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative
Tim Wedman
Saybolt Inspector

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SAIL4 LOPA V4.0.10.0 2018/11/22

Date: 25 Feb 2021 11:09
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EXXONMOBIL OIL CORPORATION
22777 SPRINGWOODS VILLAGE PARKWAY
77389-1425 Spring
United States
Ms. J. Ryle
Trip: 2021-BR-SNO-AC600-01



Job No 13074/00001961.0000/01/I/21
Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge **CBC 307**
Product **AC 600**

Outturn date: 24 Feb 2021

Reference Height and Measurement data report

Manual Tank Heights

Tank	Calibrated Reference Height in FT (decimal)	Found Reference Height in FT (decimal)		Gauging Location
		Before	After	
1P	16-4-0	16 04-0/8	16-4-0	Center
1S	16-4-0	16 04-0/8	16-4-0	Center
2P	16-3-3/4	16 03-3/4	16-4-1/4	Center
2S	16-4-1/4	16 04-3/4	16-4-1/4	Center
3P	16-3-1/2	16 03-1/2	16-3-1/2	Center
3S	16-4-1/4	16 04-1/4	16-4-1/4	Center

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Draft		Before	After
FWD	FT/IN	9-6	FT/IN 2-6
AFT	FT/IN	10-0	FT/IN 2-0

Measurement data Before Operations

Survey Date and Time	22 Feb 2021 17:00	Gauge equipment type	Saybolt equipment
Calibration Table Number	0	Gauge equipment used	Manual tape
Inspector Equipment used for verification?	No	Gauge equipment number	5518
Water Measurement Method	UTI	Temp equipment type	Saybolt equipment
Connector Type	MMC	Temp equipment used	Portable Electronic Thermometer
Weather Condition	Clear Sky	Temp equipment number	1C0413891
Sea Condition	Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)		

Measurement data After Operations

Survey Date and Time	24 Feb 2021 08:40	Gauge equipment type	Saybolt equipment
Calibration Table Number	0	Gauge equipment used	Manual tape
Connector Type	MMC	Gauge equipment number	21649
Weather Condition	Cloudy	Temp equipment type	Saybolt equipment
Sea Condition	Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)		

Signed by: Ship's representative

Name:

Rank: *Barge Master*

Saybolt representative

TIM WEDMAN

Saybolt Inspector

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SAIL4 RH4RD V4.1.1.2 2020/06/08

Date: 25 Feb 2021 11:09

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EXXONMOBIL OIL CORPORATION
22777 SPRINGWOODS VILLAGE PARKWAY
77389-1425 Spring
United States
Ms. J. Ryle
Trip: 2021-BR-SNO-AC600-01



Job No 13074/00001961.0000/01/I/21
Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Temperature Determination Report

Operation: Arrival

Tank	Actual Vol.	Equipment Used	Upper °F	Middle °F	Lower °F	Average °F
1P		Portable Electronic Thermometer	47.3	47.2	47.1	47.20
1S		Portable Electronic Thermometer	47.7	47.8	46.8	47.43
2P		Portable Electronic Thermometer	47.4	47.3	47.3	47.33
2S		Portable Electronic Thermometer	48.0	47.7	47.4	47.70
3P		Portable Electronic Thermometer	47.6	47.4	47.1	47.37
3S		Portable Electronic Thermometer	47.9	47.6	47.2	47.57

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
Jo Campbell
Saybolt Inspector

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SAIL4 aTD V4.0.10.0 2018/12/04

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EXXONMOBIL OIL CORPORATION
22777 SPRINGWOODS VILLAGE PARKWAY
77389-1425 Spring
United States
Ms. J. Ryle
Trip: 2021-BR-SNO-AC600-01



Job No 13074/00001961.0000/01/I/21
Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge CBC 307
Product AC 600

Outturn date: 24 Feb 2021

Void Space/Ballast Reports

Compartment/ Tank	Product	Before	Quantity Product Liters	After	Quantity Liters
Forward Rake	Dry				
Port Voids	Dry				
Starboard Voids	Dry				
Aft Rake	Dry				

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Additional information

Quantity of Oil received from ballast pumped ashore Liters
Tanks used by ship for previous ballast voyage?

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
JO CAMPBELL
Saybolt Inspector

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SAIL4 VBS V4.0.10.0 2018/12/04

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Report date 25 Feb 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Barge **CBC 307**
Product **AC 600**

Outturn date: 24 Feb 2021

API Checklist Discharge

Before Discharge	Standards Ref.	
Participated in the key meeting	API 17.1	Not Applicable
Closed / restricted measurement and sampling equipment used onboard	API 17.2	No
Vessel capacity tables apply, without adjustments, to gauge point used	US Customs	Yes
Recorded vessel capacity table reference gauge heights before gauging	API 17.1	Yes
Discussed measurements with US Customs inspector before proceeding	US Customs	Not Applicable
Used Saybolt calibrated gauging and temperature equipment	API 3.1a	Yes
Recorded shore automatic gauges and temperatures	API 17.1	Yes
Personally measured shore product, free water & temperature	API 3.1a	Yes
Verified shore line fill and capacity	API 17.1	Yes
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	Yes
Obtained shore samples using Manual sampling or Automatic sampling	API 8.1/8.2	Manual
Automatic sampling pot inspected for cleanliness	API 17.1	Yes
Shore line sample at dock taken before discharge	API 17.1	Not Applicable
Recorded vessel's draft readings before discharge	API 17.1	Yes
Check sea valve security and recorded seal numbers before discharge	API 17.1	Yes
All deck lines drained into the vessel's cargo tanks before gauging	API 17.1	Yes
Measured vessel's cargo, slops, free water, non-cargo areas & temperatures	API 17.2	Yes
Manual gauging not permitted / possible; vessel's automatic gauges used	API 17.2	Not Applicable
Inspected ballast tanks for presence of cargo	API 17.1	Yes
Sampled each cargo tank and slop tank individually; samples labeled	API 17.1	Yes
Collected load port samples from the vessel; signed receipt for vessel representative.	API 17.1	No
Bunker quantities were recorded	API 17.1	Yes
Volume calculated independently before discharging began	API 17.1	Yes
Transit differences protested, if found	API 17.1	Not Applicable
After Discharge	Standards Ref.	
Tanks COW'd during discharge	API 17.1	Not Applicable
Line sample taken during discharge	API 17.1	No
Time Log Prepared	API 17.1	Yes
Recorded vessel's draft readings after discharge	API 17.1	Yes
All deck lines drained into the vessel's cargo tanks before gauging	API 17.1	Yes
Check sea valve security and recorded seal numbers after discharge	API 17.1	Yes
Bunker quantities were recorded after discharge	API 17.1	Yes
Shore and vessel line fill verified after vessel discharge	API 17.6	Yes
Every cargo tank gauged or visually verified for ROB	API 17.4	Yes
Measured ROB using Saybolt equipment at low end of tank	API 17.4	Not Applicable
ROB measured at points other than the reference gauge point	API 17.4	Yes
ROB sampled / temperatured if necessary; samples labeled	API 17.4	Not Applicable
Calculations (or tables) for trim and wedge were used as applicable	API 17.4	Yes
Personally measured shore product, free water & temperature	API 3.1a	Yes
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	Yes
Shore tank samples taken after discharge	API 17.1	Yes
Automatic sampler inspected and appeared to be functioning properly	API 17.1	Not Applicable
Vessel Experience Factor data obtained from vessel's records	API 17.1	Yes
Appropriate Letters of Protest issued and signed before leaving job site	API 17.1	Yes
Copies of meter tickets and meter proving records obtained	API 17.1	Yes
Meters were proved before or after cargo transfer	API 17.1	Before

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