



ExxonMobil Oil Corporation

22777 Springwoods Village Parkway
Spring, TX 77389

Attention : Scott Friedman

MOVEMENT : Discharge
VESSEL : **FMT - 3011 & 3174**
LOCATION : P66 - Beaumont, TX
File N° : PAR-76102
DATE : 08/20/2020 - 08/24/2020
REFERENCE N° : 4938464

Contents

Certificate of Quantity
Voyage Analysis Report
Shore Tank Quantity
Vessel Quantity Report
Line Displacement
Timelog
LOP/NAD
Analytical Report

Dear Client,

Please find attached our Inspection Report No. PAR-76102 corresponding to the Discharge operation of the captioned vessel, at place and date(s) shown above. The complete report is composed of individual field reports, which we believe are self-explanatory.

We trust that this report supplies the proper input needed so that we comply with your requirements. Should there be any points that need further clarification, please do not hesitate to contact us.

All Camin Cargo Control 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)

Yours Sincerely,

Camin Cargo Control

1550 Industrial Drive Nederland, TX 77627
Phone: 409-729-3399
Opsparthur@camincargo.com

www.camincargo.com

EXXM01-33 / 537443



CERTIFICATE OF QUANTITY N° PAR-76102

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

OUTTURN

	GSV	NSV
Barrels @ 60 °F	45,325.25	45,325.25
Gallons @ 60 °F	1,903,660.50	1,903,660.50
Cubic Meters @ 60 °F	7,206.137	7,206.137
Liters @ 60 °F	7,206,137.0	7,206,137.0
Imperial Gallons @ 60 °F	1,585,129.05	1,585,129.05
Barrels @ 15 °C	45,306.69	45,306.69
Gallons @ 15 °C	1,902,880.98	1,902,880.98
Cubic Meters @ 15 °C	7,203.186	7,203.186
Liters @ 15 °C	7,203,186.0	7,203,186.0
Barrels @ 20 °C	45,473.11	45,473.11
Gallons @ 20 °C	1,909,870.62	1,909,870.62
Cubic Meters @ 20 °C	7,229.646	7,229.646
Liters @ 20 °C	7,229,646.0	7,229,646.0
	GSW	NSW
Long Tons - Air	6,640.879	6,640.879
Metric Tons - Air	6,747.445	6,747.445
Short Tons - Air	7,437.784	7,437.784
Kilograms - Air	6,747,445.0	6,747,445.0
Pounds - Air	14,875,569.0	14,875,569.0
	GSM	NSM
Long Tons - Vac	6,648.389	6,648.389
Metric Tons - Vac	6,755.075	6,755.075
Kilograms - Vac	6,755,075.0	6,755,075.0
API Gravity @ 60 °F	19.3	
Density @ 15 °C - Vac	937.8	
Density @ 15 °C - Air	936.7	
Density @ 20 °C - Air	933.3	
Density @ 20 °C - Vac	934.4	
Free Water Barrels	Nil	
S&W %	0.000	
S&W Barrels	Nil	
Figures Based on :	Shore Tank	
Quality Based on :	Vessel composite after Loading	
Operation Completed :	08/21/2020 08:15	
Cargo Hoses Disconnected :	08/21/2020 09:15	

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



VOYAGE ANALYSIS REPORT N° PAR-76102

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

LOAD	Port			VCF	Voyage#	Gauge Date	
DISCHARGE	:			6B	50 (6038153)		
	:			6B		21-AUG-2020	
Barrels @ 60 °F	API @ 60 °F	TCV	FW	GSV	S&W	NSV	Reference
I. SHORE/SHORE COMPARISON							
1. Loading Quantity	19.3	45,771.14	0.00	45,771.14	0.00	45,771.14	
2. Outturn	19.3	45,325.25	0.00	45,325.25	0.00	45,325.25	
3. Difference		-445.89	0.00	-445.89	0.00	-445.89	(2-1)
4. Difference %		-0.97		-0.97		-0.97	(3/1*100)
Adjusted TCV Difference		-474.04					(3-b+l)
II. VESSEL/SHORE COMPARISON AT LOADPORT							
a. After Loading		45,799.29	0.00	45,799.29	Liquid	Non-Liquid	
b. OBQ		28.15	0.00	28.15	28.15	0.00	
c. Vessel Received		45,771.14	0.00	45,771.14			(a-b)
d. Difference		0.00		0.00			(c-1)
e. Difference %		0.00		0.00			(d/1*100)
f. Load Ratio		1.00000					(c/1)
g. VEF							
h. Theoretical Shore							(c/g)
i. Theoretical Shore Diff.							(h-1)
j. Theoretical Shore Diff. %							(i/1*100)
III. VESSEL/SHORE COMPARISON AT DISPORT							
k. Before Discharge		45,625.97	0.00	45,625.97	Liquid	Non-Liquid	
l. ROB		0.00	0.00	0.00	0.00	0.00	
m. Vessel Delivered		45,625.97	0.00	45,625.97			(k-l)
n. Difference		-300.72	0.00	-300.72			(2-m)
o. Difference %		-0.66		-0.66			(n/2*100)
p. Discharge Ratio		1.00663					(m/2)
q. VEF							
r. Theoretical Shore							(m/q)
s. Theoretical Shore Diff.							(2-r)
t. Theoretical Shore Diff. %							(s/2*100)
IV. VESSEL IN TRANSIT COMPARISON							
u. In-Transit Diff.		-173.32	0.00	-173.32			(k-a)
v. In-Transit Diff. %		-0.38		-0.38	Liquid	Non-Liquid	(u/a*100)
w. OBQ/ROB Difference		28.15	0.00	28.15	28.15	0.00	(b-l)
Adjusted TCV Difference		-474.04			S&W at Loadport	S&W at Disport	
					0.000 %	0.000 %	

There are an insufficient number of voyages to compute a Load VEF.

There are an insufficient number of voyages to compute a Discharge VEF.

Calculated as per Chapter 17.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM01-33 / 537443 / August 24, 2020

**QUANTITY CERTIFICATE N° PAR- 76102**

Based on Shore Measurements

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

	Gauge	TOV	Water Gauge	Water Vol.	CTSh	Roof Corr.	GOV	Amb. Temp	Temp.	API	VCf	GSV	S&W	S&W Vol.	NSV
Tank: 210		Ref. Height: 52-08 01/04				Gauge Date Open: 20-Aug 18:40				Gauge Date Close: 21-Aug 09:30					
	Ft-In (Ull.)	Bbls	Ft-In	Bbls	Factor	Bbls	Bbls	°F	°F	@ 60°F	6B	Bbls @ 60°F	%	@ 60°F	Bbls @ 60°F
O	22-04 07/08	55,217.56	00-01 00/00	103.27	1.00032	141.28	55,273.21	92.0	84.8	21.8 (T)	0.98967	54,702.23	---	---	54,702.23
C	40-09 01/02	101,433.59	00-01 00/00	103.27	1.00042	142.82	101,515.70	81.0	95.5	20.7 (C)	0.98534	100,027.48	---	---	100,027.48
		46,216.03		0			46,242.49					45,325.25			45,325.25
Line:													---		
Adjustment:													---		

S=Submitted / C=Calculated / T=Tested by CCC / W=Tested by Terminal/Refinery & Witnessed by CCC

Totals computed using appropriate tables corresponding to Received API.

LCO - TOTAL QUANTITIES - RECEIVED

TCV, Barrels @ 60 °F	45,325.25	S&W	---		
Free Water Barrels	0.00		---		
	GSV	NSV		GSW	NSW
Barrels @ 60 °F	45,325.25	45,325.25	Long Tons - Air	6,640.879	6,640.879
Gallons @ 60 °F	1,903,660.50	1,903,660.50	Metric Tons - Air	6,747.445	6,747.445
API Gravity @ 60 °F (S)	19.3		Short Tons - Air	7,437.784	7,437.784
Lb/Gal @ 60 °F	7.814192176		Kilograms - Air	6,747,445.0	6,747,445.0
			Pounds - Air	14,875,569.0	14,875,569.0

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



VESSEL QUANTITY REPORT N° PAR-76102

VESSEL : FMT - 3011
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
01P	16-11 01/04	16-11 01/04	06-06 01/04	4,022.22	----	Nil	101.9	0.98289	3,953.40
01S	16-11 00/00	16-11 01/04	06-06 01/02	4,006.06	----	Nil	102.1	0.98280	3,937.16
02P	16-11 01/02	16-11 01/02	06-05 01/02	4,111.55	----	Nil	102.0	0.98284	4,041.00
02S	16-11 01/02	16-11 01/02	06-05 03/04	4,103.34	----	Nil	101.9	0.98289	4,033.13
03P	16-10 03/04	16-10 03/04	06-04 03/04	4,036.44	----	Nil	102.2	0.98276	3,966.85
03S	16-10 01/02	16-10 01/02	06-06 00/00	4,001.37	----	Nil	102.2	0.98276	3,932.39
				24,280.98		Nil	102.0		23,863.93

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES

ARRIVAL

TCV, Barrels @ 60 °F	23,863.93
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	23,863.93
Gallons @ 60 °F	1,002,285.06
API Gravity @ 60 °F	19.3 (S)
Lb/Gal @ 60 °F	7.814192176



VESSEL QUANTITY REPORT N° PAR-76102

VESSEL : FMT - 3011
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Comp. No	Chart	RH	Gauge	TOV	Water	Water	Temp.	VCF	GSV @ 60 °F
	Ft-In		Ft-In	Bbls	Gauge	Bbls	°F	6B	Bbls
01P	16-11	01/04	00-00 00/00	Nil	----	Nil			
01S	16-11	00/00	00-00 00/00	Nil	----	Nil			
02P	16-11	01/02	00-00 00/00	Nil	----	Nil			
02S	16-11	01/02	00-00 00/00	Nil	----	Nil			
03P	16-10	03/04	00-00 00/00	Nil	----	Nil			
03S	16-10	01/02	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00
After	02-00	02-00	02-00	02-00	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	DELIVERED					
TCV, Barrels @ 60 °F	0.00	23,863.93	S&W	---			
Free Water Barrels	0.00	0.00		---			
	GSV	GSV	NSV		GSW	NSW	
Barrels @ 60 °F	0.00	23,863.93	23,863.93	Long Tons - Air	3,496.450	3,496.450	
Gallons @ 60 °F	0.00	1,002,285.06	1,002,285.06	Metric Tons - Air	3,552.557	3,552.557	
API Gravity @ 60 °F		19.3 (S)		Short Tons - Air	3,916.024	3,916.024	
Lb/Gal @ 60 °F		7.814192176		Kilograms - Air	3,552,557.0	3,552,557.0	
				Pounds - Air	7,832,048.0	7,832,048.0	

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM01-33 / 537443 / August 24, 2020



VESSEL QUANTITY REPORT N° PAR-76102

VESSEL : FMT - 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
1P	17-03-00/00	17-03 00/00	06-07 01/02	3,254.05	----	Nil	101.9	0.98289	3,198.37
1S	17-03-01/02	17-03 01/02	06-01 00/00	3,435.66	----	Nil	101.8	0.98293	3,377.01
2P	17-03-01/02	17-03 01/02	06-00 03/04	4,029.42	----	Nil	102.0	0.98284	3,960.28
2S	17-03-01/02	17-03 01/02	06-02 01/02	3,977.14	----	Nil	102.0	0.98284	3,908.89
3P	17-04-00/00	17-04 00/00	06-09 01/02	3,717.23	----	Nil	102.1	0.98280	3,653.29
3S	17-03-01/02	17-03 01/02	06-08 01/02	3,728.18	----	Nil	102.0	0.98284	3,664.20
				22,141.68		Nil	102.0		21,762.04

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES

ARRIVAL

TCV, Barrels @ 60 °F	21,762.04
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	21,762.04
Gallons @ 60 °F	914,005.68
API Gravity @ 60 °F	19.3 (S)
Lb/Gal @ 60 °F	7.814192176



VESSEL QUANTITY REPORT N° PAR-76102

VESSEL : FMT - 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Comp. No	Chart RH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
1P	17-03-00/00	00-00 00/00	Nil	----	Nil			
1S	17-03-01/02	00-00 00/00	Nil	----	Nil			
2P	17-03-01/02	00-00 00/00	Nil	----	Nil			
2S	17-03-01/02	00-00 00/00	Nil	----	Nil			
3P	17-04-00/00	00-00 00/00	Nil	----	Nil			
3S	17-03-01/02	00-00 00/00	Nil	----	Nil			
			Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00
After	02-00	02-00	02-00	02-00	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	DELIVERED				
TCV, Barrels @ 60 °F	0.00	21,762.04	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV	GSW	NSW	
Barrels @ 60 °F	0.00	21,762.04	21,762.04	Long Tons - Air	3,188.489	3,188.489
Gallons @ 60 °F	0.00	914,005.68	914,005.68	Metric Tons - Air	3,239.655	3,239.655
API Gravity @ 60 °F		19.3 (S)		Short Tons - Air	3,571.108	3,571.108
Lb/Gal @ 60 °F		7.814192176		Kilograms - Air	3,239,655.0	3,239,655.0
				Pounds - Air	7,142,216.0	7,142,216.0

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM01-33 / 537443 / August 24, 2020



LINE DISPLACEMENT REPORT N° PAR-76102

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Shore Tank		Observed Gauges	TOV	Temp.	API	VCF	TCV
Gauge Date: 21-AUG-2020		Ft-In (Inn.)	Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
210	O	22-04 07/08	55,217.56	84.8	19.3	0.98989	1,681.47
	C	23-00 12/16	56,916.20				
			1,698.64				
Total			1,698.64				1,681.47

Shore Line	Length	Size	Nominal Capacity	Condition Before Displacement
	0 km	0"	1000.00 Bbls	Full

Vessel		Observed Gauges	TOV	Temp.	API	VCF	TCV
FMT - 3174		Ft-In (Ull.)	Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
2P	O	06-00 03/04	4,029.42	102.0	19.3	0.98284	807.36
	C	08-04 03/04	3,207.96				
			821.46				
2S	O	06-02 01/02	3,977.14	102.0	19.3	0.98284	726.61
	C	08-03 01/04	3,237.84				
			739.30				
3P	O	06-09 01/02	3,717.23	102.0	19.3	0.98284	23.49
	C	07-00 00/00	3,693.33				
			23.90				
3S	O	06-08 01/02	3,728.18	102.0	19.3	0.98284	78.29
	C	07-01 01/02	3,648.52				
			79.66				
		Total	1,664.32				1,635.75

TCV

	Barrels @ 60 °F	Gallons @ 60 °F
Total Tank	1,681.47	70,621.74
Total Vessel	1,635.75	68,701.50
Volume Difference	45.72	1,920.24
% Difference	2.72	2.72

As per API Ch. 17.6 TOV of the product displaced was at least 120% of the combined capacity of all designated vessel and shore transfer lines unless the conditions referred to in 17.6.8.1.1 applied, then 100 % of line capacity.

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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**TIME LOG REPORT N° PAR-76102**

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020
REFERENCE N° : 4938464

Date	Time	Description
20-AUG-2020	11:40	Barge Tendered
	16:30	Inspector Notified
	17:10	Barge(s) Arrived
	17:35	Barge(s) Docked
	17:50	Inspector Arrived
	18:15	Cargo Hose(s) Connected
	18:40	Shore Tank 210 Gauged Open
	18:50	Preliminary Inspection Commenced
	19:50	Preliminary Inspection Completed
	20:00	Preliminary Calculations Commenced
	20:30	Preliminary Calculations Completed
	20:45	Discharge Commenced
	21:15	Discharge Suspended For Line Displacement
	22:00	Discharge Resumed
21-AUG-2020	07:00	Inspector Notified
	08:15	Discharge Completed
	08:20	Inspector Arrived
	09:15	Cargo Hose(s) Disconnected
	09:30	Shore Tank 210 Gauged Close
	10:05	Final Inspection Commenced
	10:20	Final Inspection Completed
	10:25	Final Calculations Completed
	10:30	Released
	13:38	Sent for/Awaiting Confirmation
24-AUG-2020	11:12	Received confirmation from the terminal

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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LETTER OF PROTEST ° PAR-76102

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020

TO : Terminal

REFERENCE : Vessel to Shore variance after Discharge

On Behalf of our Principals, we do hereby note the following Protest:

Barge to shore variance.

Outturn: 45325.250

Vessel Delivered: 45625.970

Difference: -300.720

Difference %: -0.660

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

Signature:

Print Name:

Position:

Date/Time:

Camin Cargo Control



LETTER OF PROTEST ° PAR-76102

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
JOB COMPLETED : 21-AUG-2020

TO : Vessel

REFERENCE : Vessel Intransit Difference

On Behalf of our Principals, we do hereby note the following Protest:
Intransit variance.

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

Camin Cargo Control

**CERTIFICATE OF ANALYSIS N° PAR-76102**

VESSEL : FMT - 3011 & 3174
LOCATION : P66 - Beaumont, TX
PRODUCT : LCO

MOVEMENT : Discharge
REF. NO. : 4938464
JOB COMPLETED : 21-AUG-2020

TK :	210	Running	Before Discharge	Sample N° :	1	Sampled 20-AUG-2020 18:40
D 4052-11	API Gravity @ 60°F		21.8 °API			

The results apply to the samples as received and specifically to the items listed on this certificate.

This report may not be reproduced except in full without the written consent of the Camin Cargo Control. Data contained in this report is confidential to the addressee and shall not be disclosed to any other party without their approval

Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1)

All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated.

S M Nazmul Huda Nayem / Laboratory
Technician