



ExxonMobil Oil Corporation

22777 Springwoods Village Parkway
Spring, TX 77389

Attention : **Delores Lewis**

MOVEMENT : Discharge
VESSEL : **Kirby - 28061 & 28169**
LOCATION : P66 - Beaumont, TX
File N° : PAR-77631
DATE : 03/26/2021 - 04/06/2021
REFERENCE N° : 5380341

Contents

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

Dear Client,

Please find attached our Inspection Report No. PAR-77631 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



VOYAGE ANALYSIS REPORT N° PAR-77631

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

LOAD	Port			VCF	Voyage#	Gauge Date	
DISCHARGE	:			6B	50 (6038153)	02-APR-2021	
Barrels @ 60 °F	API @ 60 °F	TCV	FW	GSV	S&W	NSV	Reference
I. SHORE/SHORE COMPARISON							
1. Loading Quantity	60.5	53,969.21	0.00	53,969.21	0.00	53,969.21	
2. Outturn	60.5	53,954.73	0.00	53,954.73	0.00	53,954.73	
3. Difference		-14.48	0.00	-14.48	0.00	-14.48	(2-1)
4. Difference %		-0.03		-0.03		-0.03	(3/1*100)
Adjusted TCV Difference		-14.48					(3-b+l)
II. VESSEL/SHORE COMPARISON AT LOADPORT							
a. After Loading		53,585.06	0.00	53,585.06	Liquid	Non-Liquid	
b. OBQ		0.00	0.00	0.00			
c. Vessel Received		53,585.06	0.00	53,585.06			(a-b)
d. Difference		-384.15		-384.15			(c-1)
e. Difference %		-0.71		-0.71			(d/1*100)
f. Load Ratio		0.99288					(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		53,617.15	0.00	53,617.15	Liquid	Non-Liquid	
l. ROB		0.00	0.00	0.00			
m. Vessel Delivered		53,617.15	0.00	53,617.15			(k-l)
n. Difference		337.58	0.00	337.58			(2-m)
o. Difference %		0.63		0.63			(n/2*100)
p. Discharge Ratio		0.99374					(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.		32.09	0.00	32.09			(k-a)
v. In-Transit Diff. %		0.06		0.06	Liquid	Non-Liquid (u/a*100)	
w. OBQ/ROB Difference		0.00	0.00	0.00	0.00	0.00	(b-l)
Adjusted TCV Difference		-14.48		S&W at Loadport	0.000 %	S&W at Disport	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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EXXM00-74 / 568438 / April 7, 2021

**QUANTITY CERTIFICATE N° PAR- 77631**

Based on Shore Measurements

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

	Gauge	TOV	Water Gauge	Water Vol.	CTSh	Roof Corr.	GOV	Amb. Temp	Temp.	API	VCF	GSV	S&W	S&W Vol.	NSV
Tank: 119		Ref. Gauge Ht: 56-08 03/08					Gauge Date Open: 01-Apr 05:10				Gauge Date Close: 02-Apr 06:45				
	Ft-In (Inn.)	Bbls	Ft-In	Bbls	Factor	Bbls	Bbls	°F	°F	@ 60°F	6B	Bbls @ 60°F	%	@ 60°F	Bbls @ 60°F
O	24-06 01/04	64,692.23	00-01 03/04	145.27	1.00007	-16.25	64,535.23	54.0	68.2	60.6 (T)	0.99436	64,171.25	---	---	64,171.25
C	42-04 03/04	113,057.73	00-01 03/04	145.27	1.00005	-15.16	112,902.95	44.0	67.0	60.5 (C)	0.99519	112,359.88	---	---	112,359.88
		48,365.50		0			48,367.72					48,188.63			48,188.63
Line:													---		
Adjustment:													---		
Tank: 118		Ref. Gauge Ht: 55-10 01/04					Gauge Date Open: 02-Apr 00:30				Gauge Date Close: 02-Apr 06:15				
	Ft-In (Ull.)	Bbls	Ft-In	Bbls	Factor	Bbls	Bbls	°F	°F	@ 60°F	6B	Bbls @ 60°F	%	@ 60°F	Bbls @ 60°F
O	03-08 01/02	6,904.95	00-01 03/04	171.90	0.99998	4.03	6,736.95	52.0	58.9	56.0 (T)	1.00073	6,741.86	---	---	6,741.86
C	06-04 01/02	12,676.65	00-01 03/04	171.90	0.99996	-2.17	12,502.08	44.0	59.3	58.0 (C)	1.00047	12,507.96	---	---	12,507.96
		5,771.70		0			5,765.13					5,766.10			5,766.10
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.

FULL RANGE NAPHTHA - TOTAL QUANTITIES - RECEIVED

TCV, Barrels @ 60 °F	53,954.73	S&W	---	
Free Water Barrels	0.00		---	
	GSV	NSV		
Barrels @ 60 °F	53,954.73	53,954.73	Long Tons - Air	6,206.732
Gallons @ 60 °F	2,266,098.66	2,266,098.66	Metric Tons - Air	6,306.331
API Gravity @ 60 °F (S)	60.5		Short Tons - Air	6,951.540
Lb/Gal @ 60 °F	6.135248890		Kilograms - Air	6,306,331.0
			Pounds - Air	13,903,079.0
				NSW
				6,206.732
				6,306.331
				6,951.540
				6,306,331.0
				13,903,079.0

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



VESSEL QUANTITY REPORT N° PAR-77631

VESSEL : Kirby - 28061
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

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	16-07 01/02	16-07 01/02	03-10 01/04	4,556.42	----	Nil	69.7	0.99333	4,526.03
1S	16-07 05/08	16-07 05/08	03-06 00/00	4,671.18	----	Nil	69.6	0.99340	4,640.35
2P	16-07 01/04	16-07 01/04	03-10 00/00	4,577.64	----	Nil	69.4	0.99354	4,548.07
2S	16-07 01/02	16-07 01/02	03-09 01/02	4,614.15	----	Nil	69.7	0.99333	4,583.37
3P	16-06 00/00	16-06 00/00	03-08 01/04	4,294.59	----	Nil	69.5	0.99347	4,266.55
3S	16-06 00/00	16-06 00/00	03-08 03/04	4,307.04	----	Nil	69.4	0.99354	4,279.22
				27,021.02			69.6		26,843.59

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-00	09-00	09-00	09-00	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	26,843.59
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	26,843.59
Gallons @ 60 °F	1,127,430.78
API Gravity @ 60 °F	60.5 (S)
Lb/Gal @ 60 °F	6.135248890



VESSEL QUANTITY REPORT N° PAR-77631

VESSEL : Kirby - 28061
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

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	16-07 01/02	16-07 01/02	00-00 00/00	Nil	----	Nil			
1S	16-07 05/08	16-07 05/08	00-00 00/00	Nil	----	Nil			
2P	16-07 01/04	16-07 01/04	00-00 00/00	Nil	----	Nil			
2S	16-07 01/02	16-07 01/02	00-00 00/00	Nil	----	Nil			
3P	16-06 00/00	16-06 00/00	00-00 00/00	Nil	----	Nil			
3S	16-06 00/00	16-06 00/00	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-00	09-00	09-00	09-00	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	26,843.59	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV	GSW	NSW	
Barrels @ 60 °F	0.00	26,843.59	26,843.59	Long Tons - Air	3,087.977	3,087.977
Gallons @ 60 °F	0.00	1,127,430.78	1,127,430.78	Metric Tons - Air	3,137.529	3,137.529
API Gravity @ 60 °F		60.5 (S)		Short Tons - Air	3,458.534	3,458.534
Lb/Gal @ 60 °F		6.135248890		Kilograms - Air	3,137,529.0	3,137,529.0
				Pounds - Air	6,917,068.0	6,917,068.0

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

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EXXM00-74 / 568438 / April 7, 2021



VESSEL QUANTITY REPORT N° PAR-77631

VESSEL : Kirby - 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

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	16-07 01/02	16-07 01/02	03-09 00/00	4,590.50	----	Nil	69.5	0.99347	4,560.52
01S	16-07 01/02	16-07 01/02	03-09 01/04	4,585.30	----	Nil	69.0	0.99381	4,556.92
02P	16-07 00/00	16-07 00/00	03-07 03/04	4,627.24	----	Nil	69.2	0.99367	4,597.95
02S	16-07 01/04	16-07 01/04	03-08 01/04	4,636.43	----	Nil	69.6	0.99340	4,605.83
03P	16-05 03/04	16-05 03/04	03-10 01/02	4,244.28	----	Nil	69.2	0.99367	4,217.41
03S	16-05 01/04	16-05 01/04	03-10 01/04	4,261.91	----	Nil	69.2	0.99367	4,234.93
				26,945.66		Nil	69.3		26,773.56

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-00	09-00	09-00	09-00	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	26,773.56
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	26,773.56
Gallons @ 60 °F	1,124,489.52
API Gravity @ 60 °F	60.5 (S)
Lb/Gal @ 60 °F	6.135248890



VESSEL QUANTITY REPORT N° PAR-77631

VESSEL : Kirby - 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

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	16-07 01/02	16-07 01/02	00-00 00/00	Nil	----	Nil			
01S	16-07 01/02	16-07 01/02	00-00 00/00	Nil	----	Nil			
02P	16-07 00/00	16-07 00/00	00-00 00/00	Nil	----	Nil			
02S	16-07 01/04	16-07 01/04	00-00 00/00	Nil	----	Nil			
03P	16-05 03/04	16-05 03/04	00-00 00/00	Nil	----	Nil			
03S	16-05 01/04	16-05 01/04	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-00	09-00	09-00	09-00	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	26,773.56	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV	GSW	NSW	
Barrels @ 60 °F	0.00	26,773.56	26,773.56	Long Tons - Air	3,079.921	3,079.921
Gallons @ 60 °F	0.00	1,124,489.52	1,124,489.52	Metric Tons - Air	3,129.344	3,129.344
API Gravity @ 60 °F		60.5 (S)		Short Tons - Air	3,449.512	3,449.512
Lb/Gal @ 60 °F		6.135248890		Kilograms - Air	3,129,344.0	3,129,344.0
				Pounds - Air	6,899,023.0	6,899,023.0

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

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EXXM00-74 / 568438 / April 7, 2021



LINE DISPLACEMENT REPORT N° PAR-77631

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

Shore Tank		Observed Gauges	TOV	Temp.	API	VCF	TCV
Gauge Date: 01-APR-2021		Ft-In (Inn.)	Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
119	O	24-05 14/16	64,607.68	68.2	60.5	0.99436	1,653.13
	C	25-01 01/04	66,270.19				
			1,662.51				
Total			1,662.51				1,653.13

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

Vessel		Observed Gauges	TOV	Temp.	API	VCF	TCV
Kirby - 28169		Ft-In (Ull.)	Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
03P	O	03-10 01/02	4,244.28	69.3	60.5	0.99360	784.06
	C	06-09 01/02	3,455.17				
			789.11				
03S	O	03-10 01/04	4,261.91	69.3	60.5	0.99360	802.03
	C	06-10 00/00	3,454.71				
			807.20				
Total			1,596.31	1,586.09			

Vessel's System	Condition Before	Condition After	Nominal Capacity	Adjusted Volume Displaced
	Full	Full	0.00 Bbls	0.00

	TCV	
	Barrels @ 60 °F	Gallons @ 60 °F
Total Tank	1,653.13	69,431.46
Total Vessel	1,586.09	66,615.78
Volume Difference	67.04	2,815.68
% Difference	4.06	4.06

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.

**TIME LOG REPORT N° PAR-77631**

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021
REFERENCE N° : 5380341

Date	Time	Description
26-MAR-2021	20:00	Barges Tendered (Per Kirby Dispatch)
01-APR-2021	03:15	Barge(s) Arrived
	03:30	Barge(s) Docked
	05:10	Shore Tank 119 Gauged Open
	06:00	Preliminary Inspection Commenced
	07:30	Preliminary Inspection Completed
	07:35	Preliminary Calculations Commenced
	08:00	Preliminary Calculations Completed
	08:30	Delay (Hose Connection Issues)
	09:40	Cargo Hose(s) Connected
	10:20	Delay (Hose Connection Issues)
	10:25	Discharge Commenced (Line Displacement)
	11:05	Discharge Suspended (Line Displacement)
	12:15	Discharge Resumed
02-APR-2021	00:30	Shore Tank 118 Gauged Open
	03:52	Inspector Notified
	04:50	Discharge Completed
	04:55	Inspector Arrived at Terminal
	04:55	Inspector on Board
	05:00	Final Inspection Commenced
	05:10	Final Inspection Completed
	05:10	Final Calculations Commenced
	05:20	Final Calculations Completed
	05:40	Cargo Hose(s) Disconnected
	05:45	Barge Released
	06:15	Shore Tank 118 Gauged Close
	06:45	Shore Tank 119 Gauged Close
04-APR-2021	16:33	Sent for/Awaiting Confirmation
06-APR-2021	15:09	Received confirmation from the terminal

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



LETTER OF PROTEST ° PAR-77631

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021

TO : Terminal

REFERENCE : Vessel Intransit Difference

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

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-77631

VESSEL : Kirby - 28061 & 28169
LOCATION : P66 - Beaumont, TX
PRODUCT : FULL RANGE NAPHTHA

MOVEMENT : Discharge
JOB COMPLETED : 02-APR-2021

TO : Vessel

REFERENCE : Vessel to Shore variance after Discharge

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

VESSEL TO SHORE VARIANCE AFTER DISCHARGE

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