



**COASTAL GULF &
INTERNATIONAL, INC.**

"Precision"

Inspection & Analytical
Services

2104 S Southland, Gonzales, LA 70737
Phone (225) 231-4990 Fax (225) 231-7875

Assuring accuracy through expertise!

Vessel:	CBC 197	Date:	July 13, 2021
Product:	IPA	Terminal:	ExxonMobil
Subject:	Report of Loading	Port:	Baton Rouge, Louisiana
EMCC Ref. #:	5270944	File Number:	104885

RECAPITULATION

BARGE FIGURES

<i>Barrels</i>	14,432.58
<i>Gallons</i>	606,168.15
<i>Pounds</i>	3,990,405.00
<i>Metric Tons</i>	1,810.019
<i>Short Tons</i>	1,995.203
<i>Long Tons</i>	1,781.431

For Comparison only

VEF: 1.00080 Barge With VEF Applied: 14,421.04

BARGE FIGURES In Barrels

<u>BARGE</u>	<u>ARRIVAL</u>	<u>DEPARTURE</u>	<u>DIFFERENCE</u>
CBC 197	0.00	14,432.58	14,432.58

Survey was performed by CGI Surveyor A,B,C,and D TEAMS

Table IPA used for Volume Correction purposes

Surveyor equipment verified daily using Certified Thermometer

Conditions during the inspection were Calm; between 00' and 01' Seas

"Survey performed as per and strictly adhering to methods set forth by API Chapters 3,7,8,17 & 12"

"All CGI 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)"

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Version 7.1 04-19-20 JMH



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TIME LOG OF EVENTS

July 11, 2021	1340	hrs.	Barge(s) NOR Tendered
July 11, 2021	1344	hrs.	Barge(s) called in
July 11, 2021	1345	hrs.	Surveyor notified
July 11, 2021	1525	hrs.	Barge(s) arrived
July 11, 2021	1540	hrs.	Barge(s) docked
July 11, 2021	1615	hrs.	Commenced arrival barge inspection
July 11, 2021	1630	hrs.	Completed arrival barge inspection
July 11, 2021	2025	hrs.	Cargo hose(s) connected
July 11, 2021	2110	hrs.	Commenced transfer
July 12, 2021	0225	hrs.	Down for Heels
July 12, 2021	0340	hrs.	Resume transfer
July 13, 2021	0525	hrs.	Completed transfer
July 13, 2021	0545	hrs.	Surveyor notified
July 13, 2021	0605	hrs.	Commenced departure barge inspection
July 13, 2021	0625	hrs.	Cargo hose(s) disconnected
July 13, 2021	0655	hrs.	Completed departure barge inspection
July 13, 2021	0815	hrs.	Barge(s) Released
July 13, 2021	0920	hrs.	Barge(s) Sailed

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VESSEL MEASUREMENT REPORT

CBC 197 UPON ARRIVAL							<i>Ambient Temp °F: 90.0</i>	
Tank	Obs. Gauge Height	Gauge (Ft.) Innage	Temp. (°F)	T.O.V. Gallons	Water		V.C. F	G.S.V Gallons
					Gauge	Gallons		
1C	16' 10 3/4"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
2P	16' 05 3/4"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
2S	16' 07"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
3P	16' 05 3/4"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
3S	16' 07"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
4C	16' 11 1/2"	00' 00"	60.0	0.00	00' 00"	0.00	1.00000	0.00
Tape Serial #: 6144 Probe Serial #: 6144						0.00	Total:	0.00

Avg. Temp °F: 60.0

T.O.V. bbls Total 0.00

CBC 197 UPON DEPARTURE							<i>Ambient Temp °F: 78.0</i>	
Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Gallons	Water		V.C. F	G.S.V Gallons
					Gauge	Gallons		
1C	16' 10 3/4"	04' 07 1/8"	84.1	157,216.00	00' 00"	0.00	0.98630	155,062.14
2P	16' 06 1/2"	04' 05 7/8"	84.3	78,667.50	00' 00"	0.00	0.98630	77,589.76
2S	16' 07"	04' 04 3/4"	84.3	82,335.00	00' 00"	0.00	0.98630	81,207.01
3P	16' 05 3/4"	05' 02 1/2"	83.7	73,538.00	00' 00"	0.00	0.98630	72,530.53
3S	16' 07"	05' 02"	84.5	76,989.00	00' 00"	0.00	0.98630	75,934.25
4C	16' 11 3/4"	05' 02 5/8"	84.4	145,842.50	00' 00"	0.00	0.98630	143,844.46
Tape Serial #: 6144 Probe Serial #: 6144						0.00	Total:	606,168.15

Arrival: Avg. Temp °F: 84.2

T.O.V. bbls Total 14,633.05

TOTAL QUANTITY

Fwd Port: 02' 00" Fwd Stbd: 02' 00"
Aft Port: 02' 00" Aft Stbd.: 02' 00"

Barrels @ 60 °F 14,432.58
Gallons @ 60 °F 606,168.15
TCV Barrels 14,432.58
Pounds 3,990,405.00
Metric Tons 1,810.019
Short Tons 1,995.203
Long Tons 1,781.431
Lbs / Gallon 6.583

Departure:

Fwd Port: 08' 03" Fwd Stbd: 08' 03"
Aft Port: 08' 09" Aft Stbd.: 08' 09"

Trim or List Correction Applied: No

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Subject: *Report of Loading* **Port:** *Baton Rouge, Louisiana*
EMCC Ref. #: 5270944 **File Number:** *104885*

GAUGE HEIGHT REPORT

Barge Name: **CBC 197**

<i>Tank No.</i>	<i>Observed Gauge Height Open</i>	<i>Reference Gauge Height</i>	<i>Observed Gauge Height Close</i>
1C	16' 10 3/4"	16' 04 5/8"	16' 10 3/4"
2P	16' 05 3/4"	15' 11 3/8"	16' 06 1/2"
2S	16' 07"	16' 00 3/4"	16' 07"
3P	16' 05 3/4"	15' 11 1/2"	16' 05 3/4"
3S	16' 07"	16' 00 3/4"	16' 07"
4C	16' 11 1/2"	16' 05 1/8"	16' 11 3/4"

ANCILLARY TANK MEASUREMENTS

<i>Tank No.</i>	<i>Observed Arrival Measurement</i>	<i>Observed Departure Measurement</i>
FWD	00' 00"	00' 00"
AFT	00' 00"	00' 00"
PORT	00' 00"	00' 00"
STB	00' 00"	00' 00"

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**BARGE SEAL REPORT
CBC 197**

TANK MANWAYS

BALL VALVE

1 Center	0688103	1 Center	0688101
2 Port	0688105	2 Port	22467
2 Stbd	0688108	2 Stbd	22797
3 Port	0688111	3 Port	22267
3 Stbd	0688114	3 Stbd	22977
4 Center	0688117	4 Center	22626

SEAL NUMBERS

Port Manifold	22686	22705
Stbd Manifold	22360	0688125

BUTTERWORTHS

PORT

STBD

0688128	1 Fwd	0688129
0688130	1 Middle	0688131
0688132	1 Aft	0688133
0688134	2 Fwd	0688135
0688136	2 Middle	0688137
0688138	2 Aft	0688139
0688140	3 Fwd	0688141
0688142	3 Middle	0688143
N/A	3 Aft	N/A

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Vessel: **CBC 197**

Date: **July 13, 2021**

Product: **IPA**

Terminal: **ExxonMobil**

Subject: Report of Loading

Port: ***Baton Rouge, Louisiana***

EMCC Ref. #: 5270944

File Number: **104885**

NON COMMERCIAL BILL OF LADING

THE FOLLOWING FORM APPLIES TO THE TRANSPORTATION OF SAMPLES THAT HAVE NO COMMERCIAL VALUE.

CHAIN OF CUSTODY ☐ **SAMPLE TRANSPORTATION RECORD** ☐ **SAMPLE RECIEPT** ☐

DOT SHIPPING NAME:	IPA	HAZARD CLASS:	UN#	PKG GROUP:
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[illegible]

SIGNATURE BELOW IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICATION, REGULATION OF THE DEPARTMENT OF TRANSPORTATION.

THIS DOCUMENT IS TO BE RETAINED BY THE SHIPPER / RECIEVER FOR NO LESS THAN 365 DAYS.

FOR CGI

SIGNATURE IS TO VERIFY ABOVE
MENTIONED SAMPLES WHERE
RECEIVED BY YOUR FACILITY.

7/13/2021
DATE

TOLL FREE 24 HOUR EMERGENCY CONTACT (Fire, Accident, Exposure, Spill) CHEMTREC 1-800-424-9300

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Date: *July 13, 2021*

Product: *IPA*

Terminal: *ExxonMobil*

Subject: *Report of Loading*

Port: *Baton Rouge, Louisiana*

EMCC Ref. #: 5270944

File Number: *104885*

LETTER OF PROTEST

On Behalf of our principals, we hereby notify you that on the above date, the following occurred:

- ☒ Shore Tank was active during movement.
- ☒ Terminal would not allow a Line Displacement to take place
- ☐ Terminal didn't allow adequate settling time after movement.
- ☐ In transit Difference: GSV at Loadport Departure: _____
GSV at Disport Arrival: _____
Difference _____
- ☐ OBQ / ROB Difference: OBQ at Loadport: _____
ROB at Disport: _____
Difference _____
- ☐ Shore to Shore Difference: GSV at Loadport: _____
GSV on Disport: _____
Difference _____
- ☐ Vessel to Shore Difference: Vessel Del./Rec. _____
Shore Del./Rec.: _____
Difference _____
- ☐ Free Water: Opening Bbls. _____
Closing Bbls. _____
Difference _____
- ☒ CGI unable to validate all information found on Navarik VEF
Towing company did not provide sequential port log for the subject tow
NOR Tendered to All Fast 2 Hours
All Fast to Hose Connected 8.75 Hours
Hose Disconnected to Barge Released 1.5 Hours
Barge Released to Barge Sailed 1.1 Hours

Accordingly, we are holding your terminal, Operators, and other interested parties responsible for the loss and damage thereby sustained, as well as any consequential loss and damage arising therefrom. Will you kindly acknowledge receipt on the copy thereof and return to us. ***The signatures thus obtained are for receipt only and in no way acknowledge responsibility for the incident.***

Thomas M
CGI Inspector

Vessel / Terminal Rep.

7/13/2021
Date



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Product:	IPA	Terminal:	ExxonMobil
Subject:	Report of Loading	Port:	Baton Rouge, Louisiana
EMCC Ref. #: 5270944		File Number:	104885

INSPECTION REPORT SUMMARY

Job Conditions:			
Special Shore Conditions:	None		
Special Vessel Conditions:	None		
General Information:			
Type of Water Paste Used:	Kolor Kut		
Vessel:			
Gauge Location:	2" Ball Valve		
Stand Pipes:	None		
Measurement Type:	Ullage		
Temperature Type:	Per Compartment		
Measurement Equipment:	UTI / Hermetic / MMC		
Temperature Equipment:	UTI / Hermetic / MMC		
Equipment Owner:	Field Surveyor		
Equipment Operator:	Field Surveyor		
Shore:			
Gauge Location:	Active		
Stand Pipes:	Active		
Measurement Type:	Active		
Temperature Type:	Active		
Measurement Equipment:	Active		
Temperature Equipment:	Active		
Equipment Owner:	Active		
Equipment Operator:	Active		
Comments:			
Actual gauge correction applied to all gauges due to Hermetic Gauging			

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Phone (985)785-0765 Fax (985)785-1328

VESSEL EXPERIENCE FACTOR SEQUENTIAL

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Vessel: **CBC 197**

Date: **July 13, 2021**

Type of Movement: **Loading**

Cargo	Voyage Number	Cargo Description	Terminal or Port	Date	Enter all units as Barrels				Ratio	Step 1 Gross Error > 2%?	Qual Voy (+0.30 %) Y/N ?	Qualifying Voyages	
					Vessel Sailing TCV	Vessel OBQ	Vessel Load TCV	Outturn TCV				Vessel TCV	Shore TCV
Last		Benzene	Lemont (United States)	17-May-18	14,435.94	0	14,435.94	14,419.21	1.00116		YES	14,435.94	14,419.21
2nd		Xylene	Texas City (United	23-Oct-17	14,608.31	0	14,608.31	14,542.91	1.0045		NO		
3rd		Meta-Xylene	Texas City (United	16-Oct-16	14,616.48	0	14,616.48	14,619.64	0.99978		YES	14,616.48	14,619.64
4th		Benzene	Lemont (United States)	12-May-16	13,919.60	0	13,919.60	13,886.17	1.00241		YES	13919.6	13886.17
5th		Meta-Xylene	Texas City (United	31-Jan-16	14,228.29	0	14,228.29	14,235.47	0.9995		YES	14,228.29	14,235.47
6th		Benzene	Lemont (United States)	18-Dec-15	14,235.10	0	14,235.10	14,254.38	0.99865		YES	14,235.10	14,254.38
7th		Nonexempt	Lemont (United States)	6-Jun-15	15,068.40	0	15,068.40	14,970.56	1.00654		NO		
8th		Nonexempt	Lemont (United States)	27-Apr-15	10,005.12	0	10,005.12	10,030.12	0.99751		NO		
9th		Base Oil 100R	Pascagoula (United	19-Aug-14	14,984.85	0	14,984.85	14,957.65	1.00182		YES	14984.85	14957.65
10th		Base Oil 225N	Westlake (United States)	2-May-14	10,094.28	0	10,094.28	10,093.42	1.00009		YES	10,094.28	10,093.42
11th		Meta-Xylene	Texas City (United	13-Jul-13	13,948.16	0	13,948.16	13,908.90	1.00282		YES	13,948.16	13,908.90
12th		Meta-Xylene	Texas City (United	29-Jan-13			12,443.86	12,406.57	1.00301		YES	12,443.86	12,406.57
13th	12-Meta0	Meta-Xylene	Texas City (United	28-Nov-12			12,670.34	12,702.55	0.99746		NO		
14th		Meta-Xylene	Texas City (United	5-Jun-12	13,820.88	0	13,820.88	13,821.46	0.99996		YES	13820.88	13821.46
15th		Meta-Xylene	Texas City (United	27-Jan-12	13,824.62		13,824.62	13,823.78	1.00006		YES	13,824.62	13,823.78
16th		Meta-Xylene	Texas City (United	10-Nov-11	13,809.08		13,809.08	13,808.49	1.00004		YES	13809.08	13808.49
17th		Ethanol	St Louis (United States)	1-Jul-11	15,029.74	0	15,029.74	14,956.72	1.00488		NO		
18th	11-mx011	Meta-Xylene	Texas City (United	26-May-11	14,104.70		14,104.70	13,809.70	1.02136	YES	NO		
19th		Ethanol	Argo (United States)	17-Feb-11	15,496.25		15,496.25	15,569.51	0.99529		NO		
20th		Ethanol	Argo (United States)	13-Dec-10	15,258.54		15,258.54	15,102.94	1.0103		NO		
Totals:							262,497.84	262,110.45	Totals:			164,361.14	164,235.14
Voyages excluded							Average TCV Ratio:		1.00148	TCV vessel/ TCV shore:			1.00077

Voyages excluded

- A. Voyages where only vessel measurements were available
- B. Maiden voyage and voyage following dry dock
- C. Voyages prior to vessels last dry dock, unless verified that:

no desludging was performed

no significant structural, measurement equipment, tables
or procedural changes were made affecting vessel measurement

D. Voyages where the VLR or VDR is less than 0.98000 or greater than 1.02000

E. When the VLR or VDR is not within + or - 0.3% of the ratio of the totals of vessels and shore quantities

F. Voyages where the vessel's figures are known to be inaccurate

Qualifying Range (excluding Gross Errors)

LOW: 0.99847 HIGH: 1.00448

VEF = 1.0008