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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI Product ULSD 10 ppm , Mogas 95

Bill of Lading Date: Contents page

Saybolt Italia s.r.l. has performed a survey of the above mentioned object, the findings of the survey are reflected in the following reports:

Title	Number of Pages
Contents page	one
Time Log	one
Summary Loading (GSV)	two
Tank Inspection Report	two
OBQ Report	two
Vessel Experience Report	one
Idle Cargo Tank Report	one
Sample Report	two
Reference Height Report (additional)	two
Statement of Facts	three
Meter Report Uncompensated	two
Certificate of Quantity	two
Ullage Report Departure	two
Sample Receipt	two

This report consists of 25 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: Bartolo Santalucia

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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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI
Product ULSD 10 ppm , Mogas 95

Bill of Lading Date: Time Log

OPERATION	TIME	DATE
Free pratique granted	14:38	03 Aug 2020
Notice of Readiness Tendered *	01:00	04 Aug 2020
End of Sea Passage *	01:00	04 Aug 2020
Anchor down *	01:48	04 Aug 2020
Pilot on board *	03:30	06 Aug 2020
Anchor up *	03:42	06 Aug 2020
First Line ashore *	04:12	06 Aug 2020
Vessel moored alongside jetty (All Fast)	04:42	06 Aug 2020
Notice of Readiness Accepted *	04:42	06 Aug 2020
Gangway in place	04:48	06 Aug 2020
Saybolt on Board	06:54	06 Aug 2020
Key meeting	07:12	06 Aug 2020
Commenced inspection	07:12	06 Aug 2020
Arm(s) connected ( x ")	07:30	06 Aug 2020
Cargotanks inspected and accepted	08:12	06 Aug 2020
COMMENCED LOADING ULSD	08:48	06 Aug 2020
COMMENCED LOADING MOGAS	09:30	06 Aug 2020
COMPLETED LOADING ULSD	20:18	06 Aug 2020
COMPLETED LOADING MOGAS	20:42	06 Aug 2020
Commenced final inspection	20:42	06 Aug 2020
Vessel tanks measured and sampled	22:00	06 Aug 2020
Arm(s) disconnected	22:30	06 Aug 2020
Documents on board	11:00	07 Aug 2020
Vessel sailed (ETD)	13:00	07 Aug 2020

<sup>\*</sup> as per information received

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading Date: Summary Loading (GSV)

# **Gross Standard Volume Data**

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ%
Liters 15°C	7,871,095	7,820,490	50,605	0.65
Cu m 15°C	7,871.095	7,820.490	50.605	0.65
Barrels 60°F	49,533	49,215	318	0.65
Metric Tons Vac	6,542.617	6,500.317	42.300	0.65
Metric Tons Air	6,533.796	6,491.554	42.242	0.65
Long Tons Air	6,430.60	6,389.02	41.58	0.65

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ%
Liters 15°C	7,812,501	7,820,490	-7,989	-0.10
Barrels 60°F	49,164	49,215	-51	-0.10

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.8312		38.65	0.8316	
Bill of Lading	0.8312		38.65	0.8316	

OBQ Data		Non Liquid	Liquid Oil	Free water	Total Volume
O.B.Q.	Liters				

Water Data		Total	OBQ	Loaded	Bill of Lading
Free water	Liters				
S&W Volume	Liters				
Total Volume	Liters				

General Data		
Vessel Loaded Ratio	1.00647	
Vessel Experience Factor Based on 2nd average	1.0075	

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading Date: Summary Loading (GSV)

# **Gross Standard Volume Data**

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ%
Liters 15°C	3,754,269	3,728,700	25,569	0.69
Cu m 15°C	3,754.269	3,728.700	25.569	0.69
Barrels 60°F	23,629	23,468	161	0.69
Metric Tons Vac	2,796.098	2,777.055	19.043	0.69
Metric Tons Air	2,792.050	2,773.034	19.016	0.69
Long Tons Air	2,747.95	2,729.24	18.71	0.69

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ%
Liters 15°C	3,726,322	3,728,700	-2,378	-0.06
Barrels 60°F	23,453	23,468	-15	-0.06

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.7448		58.42	0.7451	
Bill of Lading	0.7448		58.42	0.7451	

OBQ Data		Non Liquid	Liquid Oil	Free water	Total Volume
O.B.Q.	Liters				

Water Data		Total	OBQ	Loaded	Bill of Lading
Free water	Liters				
S&W Volume	Liters				
Total Volume	Liters				

General Data		
Vessel Loaded Ratio	1.00686	
Vessel Experience Factor Based on 2nd average	1.0075	

**Inert Gas** 

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading Date: Tank Inspection Report

Information supplied by ship's officers or ship's log cannot be guaranteed as accurate and no liability can be assumed for errors that result from improper information supplied. The responsibility for such information must rest with the ship and her officers.

Date of Inspection:	05 Aug 2020
Time of Inspection:	08:12
Last cargo	Ex MOGAS for All C.O.T.
Second last cargo	Ex MOGAS for All C.O.T.
Third last cargo	Ex MOGAS for All C.O.T.
Method said to be used to clean tanks	No One-washing. Only draining and stripping from previous cargo
Method said to be used to clean line system	Draining and stripping.
Are any tanks coated	Yes
Which tanks and type of coating	All C.O.T. Epoxy

We were unable to carry out a visual tank inspection due to the fact that the cargo tanks were inerted. The suitability for vessels cargotank 3 Port, 3 Stbd, 7 Port, 7 Stbd remains therefore at Owners responsibility.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the vessel, commencement of loading this cargo is depending on permission obtained from the principal(s). It may be necessary that the 'First foot' samples are drawn and checked for quality.

Whilst every effort has been made to comply with tank inspection instructions we can not be held responsible for the effectiveness of advised tank cleaning methods.

Sea-valves sealed and numbered:

Segregated ballast system.

## Remarks

All C.O.T. have been dipped.See Our O.B.Q. Report.

Signed by: Ship's representative

Name: Rank:

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading Date:

**Tank Inspection Report** 

Inert Gas

Information supplied by ship's officers or ship's log cannot be guaranteed as accurate and no liability can be assumed for errors that result from improper information supplied. The responsibility for such information must rest with the ship and her officers.

Date of Inspection:	05 Aug 2020
Time of Inspection:	08:12
Last cargo	Ex ULSD for All C.O.T.
Second last cargo	Ex ULSD for All C.O.T.
Third last cargo	Ex ULSD for All C.O.T.
Method said to be used to clean tanks	No One-washing. Only draining and stripping from previous cargo
Method said to be used to clean line system	Draining and stripping.
Are any tanks coated	Yes
Which tanks and type of coating	All C.O.T. Epoxy

We were unable to carry out a visual tank inspection due to the fact that the cargo tanks were inerted. The suitability for vessels cargotank 2 Port, 2 Stbd, 4 Port, 4 Stbd, 5 Port, 5 Stbd remains therefore at Owners responsibility.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the vessel, commencement of loading this cargo is depending on permission obtained from the principal(s). It may be necessary that the 'First foot' samples are drawn and checked for quality.

Whilst every effort has been made to comply with tank inspection instructions we can not be held responsible for the effectiveness of advised tank cleaning methods.

Sea-valves sealed and numbered:

Segregated ballast system.

## Remarks

All C.O.T. have been dipped.See Our O.B.Q. Report.

Signed by: Ship's representative

Name: Rank:

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10802/00013108.0000/01/I/20 Job No

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

**Object ODOARDO AMORETTI** 

**Product** Mogas 95

**OBQ** Report Bill of Lading Date:

Survey Date and Time 06 Aug 2020 08:12

Tank	Total Obser	ved Volume	Liqu	id Oil	Non-L	iquid	Free	water
	sounding	Volume	sounding	Volume	sounding	Volume	sounding	Volume
	cm	Liters	cm	Liters	cm	Liters	cm	Liters
3 Port	NIL		NIL		NIL		NIL	
3 Stbd	NIL		NIL		NIL		NIL	
7 Port	NIL		NIL		NIL		NIL	
7 Stbd	NIL		NIL		NIL		NIL	

#### **Summary Totals**

On -board figures		Draft		Correct	ions		
Total Observed Volume	Liters	Fore m	4.50	Trim	m		1.00
Free Water	Liters	Aft m	5.50	List	۰		0°
Gross Observed Volume	Liters	Sea water temperature					
Liquid Volume	Liters	Ambient temperature					
Non-Liquid Volume	Liters	Trim/List correction applie	ed?			No	
		Wedge formula applied?				No	

#### Remarks

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

Signed by: Ship's representative

Name:

Rank: Chief Officer

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10802/00013108.0000/01/I/20 Job No

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

**Object ODOARDO AMORETTI** 

**Product** ULSD 10 ppm

**OBQ** Report Bill of Lading Date:

Survey Date and Time 06 Aug 2020 08:12

Tank	Total Obser	ved Volume	Liqui	d Oil	Non-L	iquid	Free	water
	sounding	Volume	sounding	Volume	sounding	Volume	sounding	Volume
	cm	Liters	cm	Liters	cm	Liters	cm	Liters
2 Port	NIL		NIL		NIL		NIL	
2 Stbd	NIL		NIL		NIL		NIL	
4 Port	NIL		NIL		NIL		NIL	
4 Stbd	NIL		NIL		NIL		NIL	
5 Port	NIL		NIL		NIL		NIL	
5 Stbd	NIL		NIL		NIL		NIL	

# **Summary Totals**

On -board figures		Draft	Corrections
Total Observed Volume	Liters	Fore m	4.50 Trim m 1.0
Free Water	Liters	Aft m	5.50 List °
Gross Observed Volume	Liters	Sea water temperature	
Liquid Volume	Liters	Ambient temperature	
Non-Liquid Volume	Liters	Trim/List correction applied	d? No
		Wedge formula applied?	No

## Remarks

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

Signed by: Ship's representative

Name:

Rank: Chief Officer

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI Product ULSD 10 ppm , Mogas 95

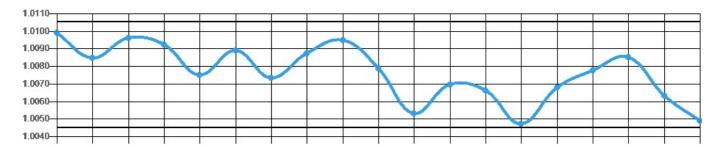
## Bill of Lading date:

## **Vessel Experience Report**

	Voyage number	Grade	Port	Date	Ship's Sailing	OBQ	B/L	Difference	VLR Ship /	Qual. voyage
					Cubic Meters	Cubic Meters	Cubic Meters	<b>Cubic Meters</b>	Shore	
last		ULSD	AUGUSTA	31 Jul 2020	5,016.247		4,967.087	49.160	1.00990	yes
2nd		MOGAS - ULSD	AUGUSTA	25 Jul 2020	11,247.359		11,152.970	94.389	1.00846	yes
3rd		MOGAS - ULSD	AUGUSTA	18 Jul 2020	8,196.357		8,118.289	78.068	1.00962	yes
4th		MOGAS - ULSD	AUGUSTA	09 Jul 2020	12,227.169		12,115.157	112.012	1.00925	yes
5th		MOGAS - ULSD	AUGUSTA	05 Jul 2020	7,815.738		7,757.538	58.200	1.00750	yes
6th		MOGAS - ULSD	AUGUSTA	29 Jun 2020	7,996.508		7,925.885	70.623	1.00891	yes
7th		MOGAS - ULSD	AUGUSTA	26 Jun 2020	8,483.629		8,421.955	61.674	1.00732	yes
8th		MOGAS - ULSD	AUGUSTA	20 Jun 2020	9,528.800		9,446.482	82.318	1.00871	yes
9th		MOGAS - ULSD	AUGUSTA	13 Jun 2020	8,056.077	-	7,963.376	<del>92.701</del>	<del>1.01164</del>	no
10th		MOGAS - ULSD	AUGUSTA	01 Jun 2020	12,619.785		12,500.973	118.812	1.00950	yes
11th		ULSD	VADO LIGURE	27 May 2020	13,613.485		13,506.844	106.641	1.00790	yes
12th		ULSD	AUGUSTA	21 May 2020	12,011.574		11,948.307	63.267	1.00530	yes
13th		MOGAS - ULSD	VADO LIGURE-AUGUSTA	25 Apr 2020	13,554.899		13,461.071	93.828	1.00697	yes
14th		MOGAS - ULSD	VADO LIGURE	14 Apr 2020	11,044.253		10,971.462	72.791	1.00663	yes
15th		MOGAS - ULSD	AUGUSTA	08 Apr 2020	11,520.133		11,466.205	53.928	1.00470	yes
16th		MOGAS - ULSD	AUGUSTA	17 Mar 2020	10,408.219		10,338.026	70.193	1.00679	yes
17th		MOGAS - ULSD	AUGUSTA	11 Mar 2020	11,288.838		11,201.819	87.019	1.00777	yes
18th		MOGAS - ULSD	AUGUSTA	04 Mar 2020	8,530.675		8,458.734	71.941	1.00850	yes
19th		MOGAS - ULSD	AUGUSTA	29 Feb 2020	11,049.306		10,979.981	69.325	1.00631	yes
20th		ULSD	AUGUSTA	19 Feb 2020	10,044.720		9,995.975	48.745	1.00488	yes
Totals	3									
			Totals		204,253.771		202,698.136			
			Qualifying Totals		196,197.694		194,734.760			
First a	average (Total Ship	/Total Shore)				1.00767				
+ 0.39	% of first average (e	xcl. gross errors)				1.01069	- 0.3% 1	.00465		
Seco	nd average (Qualif	ying Total Ship/ Qualifying	g Total Shore)			1.00751				
+ 0.3	% of second averag	је				1.01053	- 0.3% 1	.00449		
Ves	sel Experien	ce Factor based	on second average			1.0075				

The above mentioned quantities are for the last 19 voyages obtained from ship record and can not be guaranteed as accurate by Saybolt. No liability can be assumed for errors resulting from improper information supplied by the vessel.

The resulting VEF has been calculated in accordance with the latest method published by the Energy Institute and the API as API MPMS 17.9 / Energy Institute HM 49, unless as otherwise noted and with the agreement of interested parties.



# Voyages excluded:

- A Gross error voyages
- B. Voyages where only vessel tank measurements were available.
- C. All voyages prior to any changes to measurement equipment, tables, vessel's structure, or other changes requiring the issuance of new capacity tables

Signed by: Ship's representative

Name:

Rank: Chief Officer

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI
Product ULSD 10 ppm , Mogas 95

Bill of Lading date: Idle Cargo Tank Report

Tank / Compartment		Before		After
	Cargo type	Volume ( Liters )	Cargo type	Volume ( Liters )
1 Port	C.O.T.	Emtpy	C.O.T.	Emtpy
1 Stbd	C.O.T.	Emtpy	C.O.T.	Emtpy
6 Port	C.O.T.	Emtpy	C.O.T.	Emtpy
6 Stbd	C.O.T.	Emtpy	C.O.T.	Emtpy
SI Port	C.O.T.	Emtpy	C.O.T.	Emtpy
SI Stbd	C.O.T.	Emtpy	C.O.T.	Emtpy

Tanks used by ship for previous ballast voyage:

P.B.T.

Signed by: Ship's representative

Saybolt representative

Name: Rank:

Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading Date: Sample Report

Grade	Description	Sealed	Distribution Amount	Volume
Mogas 95	Single tank field composite ex Shoretank N°438 before loading	230596	SonatrachStore 1	5 liters
Mogas 95	Start loading sample	230008	SonatrachStore 1	1 liters
Mogas 95	Shoreline content sample	230545	SonatrachStore 1	1 liters
Mogas 95	Composite first foot sample	230573	SonatrachStore 1	3 liters
Mogas 95	Composite spot sample ex shoreline during loading	246259	SonatrachStore 1	1 liters
Mogas 95	Composite spot sample ex shoreline during loading	246915	SonatrachStore 1	1 liters
Mogas 95	Deck tank composite sample ex tankvessel after loading	246691	SonatrachStore 1	5 liters
Mogas 95	Single tank field composite ex tankvessel after loading	Retain	SonatrachStore 2	0.5 liters

Total Samples 9

Vessel's samples were taken using vessel's closed sampling system.

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		
received by		
Loadport sample seal numbers		

# 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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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading Date: Sample Report

Grade	Description	Sealed	Distribution Amount	Volume
ULSD 10 ppm	Single tank field composite ex Shoretank N°758 before loading	230598	SonatrachStore 1	5 liters
ULSD 10 ppm	Single tank field composite ex Shoretank N°705 before loading	246724	SonatrachStore 1	5 liters
ULSD 10 ppm	Start loading sample	230315	SonatrachStore 1	1 liters
ULSD 10 ppm	Shoreline content sample	230564	SonatrachStore 1	1 liters
ULSD 10 ppm	Composite first foot sample	230398	SonatrachStore 1	3 liters
ULSD 10 ppm	Composite spot sample ex shoreline during loading	246489	SonatrachStore 1	1 liters
ULSD 10 ppm	Composite spot sample ex shoreline during loading	246425	SonatrachStore 1	1 liters
ULSD 10 ppm	Deck tank composite sample ex tankvessel after loading	251798	SonatrachStore 1	5 liters
ULSD 10 ppm	Single tank field composite ex tankvessel after loading	Retain	SonatrachStore 6	0.5 liters

Total Samples 14

Vessel's samples were taken using vessel's closed sampling system.

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	
received by	
Loadport sample seal numbers	

## 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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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object **ODOARDO AMORETTI** 

**Product** Mogas 95

Bill of Lading date:

**Reference Height Report (additional)** 

	Ma	nual Tank He	eights in mm	Auto Gauge Heights in mm				
Tank	Calibrated	Four	nd Reference	Gauging	Stowed Height Manual		Auto	
	Ref.Height	Before	After	Location	Calibrated	Observed	Gauge	Gauge
3 Port	11,660	11,660	11,660	Center				
3 Stbd	11,665	11,666	11,666	Center				
7 Port	11,890	11,890	11,890	Center				
7 Stbd	11,890	11,890	11,890	Center				

<sup>\*</sup> Tanks where full sounding depth could not be reached due to obstructions or tankcontours.

#### Informational:

Draft	Ве	efore	Af	ter
Forward	m	4.50	m	7.10
Aft	m	5.50	m	7.10
Trim	m	1.00	m	nil

Signed by: Ship's representative

Saybolt representative

Name: Rank:

Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading date:

# **Reference Height Report (additional)**

	Mai	nual Tank He	eights in mm			Auto Gaug	e Heights in mm	1
Tank	Calibrated	Four	nd Reference	Gauging	Stowed Height Manual		Auto	
	Ref.Height	Before	After	Location	Calibrated	Observed	Gauge	Gauge
2 Port	11,890	11,890	11,890	Center				
2 Stbd	11,890	11,890	11,890	Center				
4 Port	11,725	11,726	11,726	Center				
4 Stbd	11,715	11,716	11,716	Center				
5 Port	11,890	11,890	11,890	Center				
5 Stbd	11,900	11,900	11,900	Center				

<sup>\*</sup> Tanks where full sounding depth could not be reached due to obstructions or tankcontours.

#### Informational:

Draft	Be	fore	Af	fter
Forward	m	4.50	m	7.10
Aft	m	5.50	m	7.10
Trim	m	1.00	m	nil

Signed by: Ship's representative

Saybolt representative

Name: Rank:

Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI Product ULSD 10 ppm , Mogas 95

Bill of Lading date: Statement of Facts

Dear Sirs,
This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients wish to draw attention of all parties to the following:
•
· ·
. Dear Master, according to SONATRACH procedures, OBQ/Ullages measurements are required to be performed by Saybolt equipment. The measurements will be performed by our MMC/UTI.
·
· ·
•
Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.

Signed by: Ship's representative Shore representative Saybolt representative

Name:

Rank: Loading Master Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

# Bill of Lading Date: Meter Report Uncompensated

Meter No.	1864
Close Meter Reading	921,584,600
Open Meter Reading	917,855,900
Ind. vol.	3,728,700
Meter Factor	-,,
G.O.V.	3,728,700
Dens/Api/RD	0.7448
Temperature °	15.00
VCF 54B	1.0000
Av Meter Press.psi	
Cpl	
Cps	
Cts	
GSV	3,728,700
WCF Table 56	0.7437
Metric Tons Air	2,773.034

#### Meter data

Last calibration date

Date of last meter prover

report

Meter information as received from installation:

calculation base

Grand Totals	
GSV	3,728,700
Average Dens.15°C delivered	0.7448
Gross Metric Tons Air	2,773.034

Tables used: Tables used: 54B and W.C.F. Table 56.

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

# Bill of Lading Date:

# **Meter Report Uncompensated**

Meter No.	1876	1875	1875.	1876.	
Close Meter Reading	59,045,552	43,532,710	45,064,506	60,529,256	
Open Meter Reading	56,580,339	41,192,933	43,532,710	59,045,552	
Ind. vol.	2,465,213	2,339,777	1,531,796	1,483,704	
Meter Factor					
G.O.V.	2,465,213	2,339,777	1,531,796	1,483,704	
Dens/Api/RD	0.8309	0.8309	0.8316	0.8316	
Temperature °	15.00	15.00	15.00	15.00	
VCF 54B	1.0000	1.0000	1.0000	1.0000	
Av Meter Press.psi					
Cpl					
Cps					
Cts					
GSV	2,465,213	2,339,777	1,531,796	1,483,704	
WCF Table 56	0.8298	0.8298	0.8305	0.8305	
Metric Tons Air	2,045.634	1,941.547	1,272.157	1,232.216	

#### Meter data

Last calibration date

Date of last meter prover

report

Meter information as

received from installation: calculation base

Grand Totals	
GSV	7,820,490
Average Dens.15°C delivered	0.8312
Gross Metric Tons Air	6,491.554

Tables used: Tables used: 54B and W.C.F. Table 56.

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10802/00013108.0000/01/I/20 Job No

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object **ODOARDO AMORETTI Product** ULSD 10 ppm, Mogas 95

Bill of Lading date: **Statement of Facts** 

Dear Sirs,
This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients wish to draw attention of all parties to the following:
·
·
As per our Client 's Instructions the quantity to be load is as follow :
· ·
6.500 M/T Air ULSD ( C.O.T. 2-4-5 Port & Stbd ).
. 2.000 M/T Air CASOLINE ( C.O.T. 2.7 Ded 9. STED.)
2.800 M/T Air GASOLINE ( C.O.T. 3-7 Port & STbd ).
·
It is understood that the vessel will adopt all precaution to segregated the above mentioned grades, and the responsibility for any contamination which may occur due to wrong manouvre or valves leackage will remain with the vessel's personnel.
Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date

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

Signed by: Ship's representative Saybolt representative Shore representative

Name:

Rank: Loading Master Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI
Product ULSD 10 ppm , Mogas 95

Bill of Lading date: Statement of Facts

Dear Sirs,
This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients wish to draw attention of all parties to the following:
As per Our Client's Instructions, we requested Shoreline displacement of the above mentioned loading ,
but due to using counting meters , this operation is not allowed by terminal personnel.
Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.
,

Signed by: Ship's representative Shore representative Saybolt representative

Name:

Rank: Loading Master Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading Date: Certificate of Quantity

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

		Gross	
Liters 15°C		7,820,490	
Cubic meters 15°C		7,820.490	
Barrels 60°F		49,215	
Metric Tons vac		6,500.317	
Metric Tons air		6,491.554	
Long Tons		6,389.02	
These quantities have been determined by measurement of sho	ore tanks.		
B/L Dens.15°C Vac		0.8312	
B/L Api 60°F		38.65	
B/L RD 60/60°F		0.8316	
Criteria used			
Liters 15°C to Cu m 15°C	ASTM Table 1		0.001
Liters 15°C (1000) to US Barrels 60°F	ASTM Table 52		6.293
Metric Tons Air to Metric Tons Vac	ASTM Table 56		1.00135
Metric Tons Air to Long Tons	ASTM Table 1		0.984206

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading Date: Certificate of Quantity

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

		Gross	
Liters 15°C		3,728,700	
Cubic meters 15°C		3,728.700	
Barrels 60°F		23,468	
Metric Tons vac		2,777.055	
Metric Tons air		2,773.034	
Long Tons		2,729.24	
These quantities have been determined by measur	ement of shore tanks.		
B/L Dens.15°C Vac		0.7448	
B/L Api 60°F		58.42	
B/L RD 60/60°F		0.7451	
Criteria used			
Liters 15°C to Cu m 15°C	ASTM Table 1		0.001
Liters 15°C (1000) to US Barrels 60°F	ASTM Table 52		6.294
Metric Tons Air to Metric Tons Vac	ASTM Table 56		1.00145
Metric Tons Air to Long Tons	ASTM Table 1		0.984206

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading date:

# **Ullage Report Departure**

Survey Date and Time 06 Aug 2020 22:00 Dens.15°C Vac 0.7448

Tank	ullage	ullage corr	TOV	Free	water	GOV	Temp	VCF table	GSV
	cm	cm	Liters	cm	Liters	Liters	°C	54B	Liters 15°C
3 Port	427.0		1,132,600			1,132,600	33.10	0.9780	1,107,683
3 Stbd	447.0		1,106,900			1,106,900	33.10	0.9780	1,082,548
7 Port	290.0		805,200			805,200	32.60	0.9786	787,969
7 Stbd	309.0		793,040			793,040	32.40	0.9786	776,069
Totals			3 837 740			3 837 740			3 754 269

# **Summary Totals**

On-board figures	OBQ Information	Draft		Correction		
GSV Liters 15°C	3,754,269	FORE	m	7.10 TRIM	m	nil
TCV Liters 15°C	3,754,269	AFT	m	7.10 LIST	•	

On-board figures		Vessel Loaded figures			
GSV Liters 15°C	3,754,269	GSV Loaded Ltrs 15°C	3,754,269	Average Product Temp °C	32.85
GSV Cu m 15°C	3,754.269	Cu m 15°C Loaded	3,754.269	Sea Water temp	20
GSV Barrels 60°F	23,629	Cu m 60°F Loaded	3,756.704	Ambient temp	25
MT vac	2,796.098	GSV Loaded Bbls 60°F	23,629		
MT air	2,792.050	MT Vac Loaded	2,796.098		
LT	2,747.95	MT Air Loaded	2,792.050		
		LT Loaded	2,747.95		

Remarks

UTI correction -330 mm

Signed by: Ship's representative Saybolt representative

Name:

Rank: Chief Officer Saybolt Inspector

Measurements in accordance with API standards.

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8,009,100



7,871,095

Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object **ODOARDO AMORETTI** 

**Product** ULSD 10 ppm

#### **Ullage Report Departure** Bill of Lading date:

Survey Date	and Time	06 Aug 2020 22:00	0				Dens.15°C	Vac	0.8312
Tank	ullage	ullage corr	TOV	Free	water	GOV	Temp	VCF table	GSV
	cm	cm	Liters	cm	Liters	Liters	°C	54B	Liters 15°C
2 Port	283.0		1,353,650			1,353,650	35.30	0.9825	1,329,961
2 Stbd	285.0		1,347,250			1,347,250	35.10	0.9827	1,323,943
4 Port	284.0		1,361,900			1,361,900	34.70	0.9830	1,338,748
4 Stbd	289.0		1,348,250			1,348,250	34.60	0.9832	1,325,599
5 Port	329.0		1,303,500			1,303,500	34.90	0.9827	1,280,949
5 Stbd	339.0		1,294,550			1,294,550	35.20	0.9825	1,271,895

# **Summary Totals**

Totals

On-board figures	OBQ Information	Draft		Correction		
GSV Liters 15°C	7,871,095	FORE	m	7.10 TRIM	m	nil
TCV Liters 15°C	7,871,095	AFT	m	7.10 LIST	۰	

8,009,100

On-board figures		Vessel Loaded figures			
GSV Liters 15°C	7,871,095	GSV Loaded Ltrs 15°C	7,871,095	Average Product Temp °C	34.97
GSV Cu m 15°C	7,871.095	Cu m 15°C Loaded	7,871.095	Sea Water temp	20
GSV Barrels 60°F	49,533	Cu m 60°F Loaded	7,875.103	Ambient temp	25
MT vac	6,542.617	GSV Loaded Bbls 60°F	49,533		
MT air	6,533.796	MT Vac Loaded	6,542.617		
LT	6,430.60	MT Air Loaded	6,533.796		
		LT Loaded	6,430.60		

#### Remarks

UTI correction -330 mm

Signed by: Ship's representative

Name:

Rank: Chief Officer Saybolt Inspector

Measurements in accordance with API standards.

Saybolt representative

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product Mogas 95

Bill of Lading date: Sample Receipt

I, undersigned representative of the above object hereby acknowledge receipt of samples as specified below. These samples have been delivered to me by the undersigned Saybolt Inspector.

Sample description	Saybolt Seal number(s)
-	. xMaster/. xReceiver
-	
Single tank field composite ex Shoretank n° 438 before loading ( 2 x 1 Lt )	. 230291/ 230551
-	
-	
Composite spot sample ex shoreline during loading ( 2 x 1 Lt )	. 246518/. 246455
-	
Deck tank composite sample ex tankvessel after loading ( 2 x 1Lt )	. 246094/. 246425
-	

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Job No 10802/00013108.0000/01/I/20

Report date 07 Aug 2020

Installation Augusta, Italy, Sonatrach Raffineria Italiana

Object ODOARDO AMORETTI

Product ULSD 10 ppm

Bill of Lading date: Sample Receipt

I, undersigned representative of the above object hereby acknowledge receipt of samples as specified below. These samples have been delivered to me by the undersigned Saybolt Inspector.

Sample description	Saybolt Seal number(s)
-	. xMaster/. xReceiver
-	
Single tank field composite ex Shoretank n° 758 before loading ( 2 x 1 Lt )	. 230230/. 230010
-	
Single tank field composite ex Shoretank n° 705 before loading ( 2 x 1 Lt )	. 246186/. 246529
-	
Composite spot sample ex shoreline during loading ( 2 x 1 Lt )	. 246275/. 246633
-	
Deck tank composite sample ex tankvessel after loading ( 2 x 1 Lt )	. 251258/. 251604
-	
-	