

CUSTOMER:	CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD
VESSEL:	VLCC FRONT DEE
VOYAGE:	FDEEXX002
PRODUCT:	MERO C.O.
TERMINAL:	T-OIL TERMINAL / PORTO DO AÇU
CARGO REF:	STB OC 001
DATE:	April 10th to 11th, 2024
PETROINSPEC REF:	PIS003/24

Dear Customer:

Please find enclosed our Survey Report for the above referenced vessel.

Thanks and best regards,

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

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Attention: CAPTAIN/CHIEF OFFICER
Confirmation of receipt of all related cargo documents by signing this certificate

DOCUMENTS	STATUS
MASTER RECEIPT OF DOCUMENTS	Yes
VESSEL CARGO ORDERS	Yes
SUMMARY OF QUANTITIES	Yes
SHIP'S FIGURES BY TABLE ASTM 60A	Yes
SHIP'S FIGURES BY TABLE ASTM 6A	Yes
VESSEL EXPERIENCE FACTOR	Yes
ANALYSIS REPORT	Yes
LETTER OF PROTEST / APPARENT DISCREPANCY	Yes
TIME LOG	Yes
O.B.Q. REPORT	Yes
INSPECTION CERTIFICATE OF TANKS	Yes
BUNKER REPORT - FUEL OIL	Yes
BUNKER REPORT - DIESEL OIL	Yes
SAMPLE RECEIPT	Yes
SAMPLES TO PETROINSPEC	Yes
H2S REPORT BEFORE / AFTER	Yes
SLOPS RECORD REPORT BEFORE	Yes
SLOPS RECORD REPORT AFTER	Yes

DIGITAL VERSION OF THE REPORT: The documents outlined in this report are consistent with the signed copy, which has been signed and stamped by the Terminal and/or Vessel Representatives. The original field documents are accessible upon request from our principals.

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

VESEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

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CARGO REF: STB OC 001

DATE: April 10th to 11th, 2024

Product	Customer Order Quantity			Vessel Available Capacity			Vessel Requested Quantity		
MERO C.O.	() MT	() M³	(X) BBLS	() MT	(X) M³	() BBLS	() MT	(x) M³	() BBLS
	500.000,00 +/- 10%			84.190,10			500.000,00 +/- 10%		

STOP LOADING BY: () Shore (X) Vessel

- NOTES:
- 1.0. Client Order Should Included Any Option And Party May Exercise Such Option.

2.0. If vessel does not request Maximum Quantity state reason below:

Comment:

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

VESSEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

DETAILS: STS WITH DPST EAGLE PASSOS

TERMINAL: T-OIL TERMINAL / PORTO DO AÇU

CARGO REF: STB OC 001

DATE: April 10th to 11th, 2024

Summary of Quantities By Table ASTM 60 A - Vessel

With VEF Applied

Measurements	Gross	Net
Liters (20°C)	78.046.167	77.812.029
Kilograms (Vac)	68.501.121	68.295.618
Metric Tons (Vac)	68.501,121	68.295,618
Kilograms (Air)	68.401.258	68.196.055
Metric Tons (Air)	68.401,258	68.196,055
Long Tons (Air)	67.320,965	67.119,003
US BBLS (60°F)	489.151,46	487.684,01
US GALLONS (60°F)	20.544.361,50	20.482.728,55

Summary of Quantities By Table ASTM 60 A - DPST

Figures Based at DPST EAGLE PASSOS

Measurements	Gross	Net
Liters (20°C)	78.057.135	77.901.021
Kilograms (Vac)	68.385.856	68.249.084
Metric Tons (Vac)	68.385,856	68.249,084
Kilograms (Air)	68.285.458	68.148.887
Metric Tons (Air)	68.285,458	68.148,887
Long Tons (Air)	67.206,993	67.072,579
US BBLS (60°F)	489.213,03	488.234,60
US GALLONS (60°F)	20.546.947,20	20.505.853,38

Comparative Ship - Shore

ASTM 60A

Measurement	Ship	Shore	Difference (L)	Difference (%)
Liters (20°C)	77.812.029	77.901.021	-88.992	-0,11 %

Comparative Ship - Shore

ASTM 60A

Measurement	Ship	Shore	Difference (L)	Difference (%)
Net US BBLS (60°F)	487.684,01	488.234,60	-550,59	-0,11 %

Remark:

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

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PRODUCT: MERO C.O.

DETAILS: STS WITH DPST EAGLE PASSOS

TERMINAL: T-OIL TERMINAL / PORTO DO AÇU

CARGO REF: STB OC 001

DATE: April 10th to 11th, 2024

Summary of Quantities By Table ASTM 54 A - Vessel

With VEF Applied

Measurements	Gross	Net
Liters (15°C)	77.736.633	77.503.422
Kilograms (Vac)	68.485.974	68.280.515
Metric Tons (Vac)	68.485,974	68.280,515
Kilograms (Air)	68.403.004	68.197.794
Metric Tons (Air)	68.403,004	68.197,794
Long Tons (Air)	67.322,683	67.120,714
US BBLS (60°F)	489.163,94	487.696,44
US GALLONS (60°F)	20.544.885,48	20.483.250,48

Summary of Quantities By Table ASTM 54 A - DPST

Figures Based at DPST EAGLE PASSOS

Measurements	Gross	Net
Liters (15°C)	77.746.409	77.590.917
Kilograms (Vac)	68.370.192	68.233.452
Metric Tons (Vac)	68.370,192	68.233,452
Kilograms (Air)	68.287.193	68.150.619
Metric Tons (Air)	68.287,193	68.150,619
Long Tons (Air)	67.208,701	67.074,284
US BBLS (60°F)	489.225,46	488.247,01
US GALLONS (60°F)	20.547.469,30	20.506.374,40

Comparative Ship - Shore

ASTM 60A

Measurement	Ship	Shore	Difference (L)	Difference (%)
Liters (20°C)	77.503.422	77.590.917	-87.495	-0,11 %

Comparative Ship - Shore

ASTM 60A

Measurement	Ship	Shore	Difference (L)	Difference (%)
Net US BBLS (60°F)	487.696,44	488.247,01	-550,57	-0,11 %

Remark:

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

VESSEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

DETAILS: STS WITH DPST EAGLE PASSOS

TERMINAL: T-OIL TERMINAL / PORTO DO AÇU

CARGO REF: STB OC 001

DATE: April 10th to 11th, 2024

Summary of Quantities By Table ASTM 6 A - Vessel

With VEF Applied

Measurements	Gross	Net
US BBLS (60°F)	489.171,39	487.703,88
Kilograms (Vac)	68.540.614	68.334.992
Metric Tons (Vac)	68.540,614	68.334,992
Kilograms (Air)	68.457.609	68.252.237
Metric Tons (Air)	68.457,609	68.252,237
Long Tons (Air)	67.376,426	67.174,297
US GALLONS (60°F)	20.545.198,38	20.483.562,96
Liters (15°C)	77.737.831	77.504.619

Summary of Quantities By Table ASTM 6 A - DPST

Figures Based at DPST EAGLE PASSOS

Measurements	Gross	Net
US BBLS (60°F)	489.231,69	488.253,23
Kilograms (Vac)	68.378.540	68.241.790
Metric Tons (Vac)	68.378,540	68.241,790
Kilograms (Air)	68.295.500	68.158.910
Metric Tons (Air)	68.295,500	68.158,910
Long Tons (Air)	67.216,880	67.082,450
US GALLONS (60°F)	20.547.731,00	20.506.635,70
Liters (15°C)	77.747.414	77.591.920

Comparative Ship - Shore

Measurement	Ship	Shore	Difference (L)	Difference (%)
Liters (20°C)	487.703,88	488.253,23	-549,35	-0,11 %

Remark:

Summary					
Measurements	Gross	Net	Conversion Factors Based on MPMMS 11.5.3		
Liters (20°C)	78,046.167	77,812.029	V.E.F.		0,9994
Kilograms (Vac)	68,501.121	68,295.618	Average of Density (VAC @ 20°C)		0,8777
Metric Tons (Vac)	68,501,121	68,295,618	Average of Density (VAC @ 15°C)		0,8810
Kilograms (Air)	68,401.258	68,196.055	BSW (% Vol)		0,30
Metric Tons (Air)	68,401,258	68,196,055	Factor / Metric Ton (Air)		1,136450579
Long Tons (Air)	67,320,965	67,119,003	Factor / Long Ton (Air)		1,154687097
US BBLs (60°F)	489,151,46	487,684,01	Factor / US BBLs (60°F)		6,292579507
US Gallons (60°F)	20,544,361,50	20,482,728,55	Factor / US Gallons (60°F)		42
LITERS (15°C)	77,734.650	77,501.446	Average °API		28,91
Free Water (m³)	0,000	0,000	Factor Liters @ 20°C To Liters @ 15°C		0,996008552

U.T.I. S/N: G-20753 - Model: GTEX SS1-Q1 30 Mts - Calibration Date: June 06th, 2023;

Summary				
Measurements		Gross	Net	Conversion Factors Based on MPMS 11.5.3
Liters (15°C)		77.736.633	77.503.422	V.E.F. 0,9994
Kilograms (Vac)		68.485.974	68.280.515	Average of Density (VAC @ 15°C) 0,8810
Metric Tons (Vac)		68.485.974	68.280.515	Average of Density (VAC @ 20°C) 0,8777
Kilograms (Air)		68.403.004	68.197.794	BSW (% Vol) 0,30
Metric Tons (Air)		68.403.004	68.197.794	Factor / Metric Ton (Air) 1,136450579
Long Tons (Air)		67.322,683	67.120,714	Factor / Long Ton (Air) 1,154687097
US BBLs (60°F)		489.163,94	487.696,44	Factor / US BBLs (60°F) 6,292579507
US Gallons (60°F)		20.544.885,48	20.483.250,48	Factor / US Gallons (60°F) 42
				Average "API" 28,91
Free Water (m³)		0,000	0,000	

U.T.I. S/N: G-20753 - Model: GTEX SS1-Q1 30 Mts - Calibration Date: June 06th, 2023;

PETROINSPEC REF: PIS003/24

DETAILS: STS WITH DPST EAGLE PASSOS

DATE: April 10th to 11th, 2024

Vessel Tanks	Measurements (m)	Ship's Line (bbbls)	TOV (bbbls)	Free Water (bbbls)	GOV (bbbls)	TEMP (°F)	VCF	GSV (bbbls)	S&W	NSV (bbbls)
2P	2,340 m		121.009,65	0,00	121.009,65	92,5	0,98566	119.274,37	357,82	118.916,55
2S	2,270 m		120.924,74	0,00	120.924,74	92,5	0,98566	119.190,68	357,57	118.833,11
4P	3,620 m		114.748,78	0,00	114.748,78	92,7	0,98557	113.092,96	339,28	112.753,68
4S	3,590 m		114.887,78	0,00	114.887,78	92,3	0,98575	113.250,63	339,75	112.910,88
SLOP S	4,940 m		24.717,19	0,00	24.717,19	92,5	0,98566	24.362,75	73,09	24.289,66
TOTAL			496.288,15	0,00	496.288,14			489.171,39	1.467,51	487.703,88

Measurements	GROSS	NET	Conversion Factors Based on MPMS 11.5.1	
US BBLs (60°F)	489.171,39	487.703,88	V.E.F.	0,9994
Kilograms (Vac)	68.540.614	68.334.992	Density (@20°C)	0,8777
Metric Tons (Vac)	68.540,614	68.334,992	Density (VAC @ 60/60°F)	0,88217
Kilograms (Air)	68.457.609	68.252.237	BSW (%vol)	0,30%
Metric Tons (Air)	68.457,609	68.252,237	Factor / Metric Tons (VAC)	0,140115745
Long Tons (Air)	67.376,426	67.174,297	Factor / Metric Tons (AIR)	0,139946061
US GALLONS (60°F)	20.545.198,38	20.483.562,96	Factor / Long Tons (AIR)	0,137735827
Liters (15°C)	77.737.831	77.504.619	Factor / Liters (15°C)	158,9173713
Free Water (BBLs)	0,00		Factor / US Gallons (60°F)	42
			Gravity A.P.I	28,91

Note: Volume Correction Factor used correspond to API Tables 2004 and Unit Conversion Factors Basis on API Chapter 11.5.3

U.T.I. S/N: G-20753 - Model: GTX SS1-Q1 30 Mts - Calibration Date: June 06th, 2023;
0
0

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24
TERMINAL: T-OIL TERMINAL / PORTO DO AÇÚ
CARGO REF: STB OC 001

VESSEL: VLCC FRONT DEE
VOYAGE: FDEEXX002
PRODUCT: MERO C.O.

DATE: April 10th to 11th, 2024

Voyage	Port	Product	Date	TCV (Departure)	OBQ (Vessel)	TCV (Load - Vessel)	TCV (Shore)	VCF (Table Used)	TCV (Vessel - Shore)	Qualified Voyage?
Last Cargo	Mina Al Fahal-Oman	Oman Export Blend CO	21-fev-24	1.852.678,000	-	1.852.678,000	1.853.020,000	6A	0,99982	Yes
2nd	Saturno Clove FPSO, Angola	Saturno COV CO	26-out-23	1.906.346,000	-	1.906.346,000	1.908.459,000	6A	0,99889	Yes
3rd	Racquel Knutsen, Tuva Knutsen	LAPA CO SEPIA CO	14-jul-23	1.956.378,000	-	1.956.378,000	1.956.695,000	6A	0,99984	Yes
4th	Galveston Lightering Area	Midland WTI	21-mar-23	1.023.727,700	-	1.023.727,700	1.024.290,290	6A	0,99945	Yes
5th	Corpus Christi, USA	West Texas Light CO	11-mar-23	1.199.936,100	-	1.199.936,100	1.200.104,180	6A	0,99986	Yes
6th	Corpus Christi, USA	WTI Midland West Texas light CO	28-nov-22	2.075.112,000	-	2.075.112,000	2.076.244,000	6A	0,99945	Yes
7th	Ras Tanurah S.A. Mubarras, UAE	Arab Extra Light Heavy Mubarras CO	30/08 e 01/09/2022	1.849.142,000	-	1.849.142,000	1.848.363,000	6A	1,00042	Yes
8th	Djeno SBM, Oguendjo FSO	Djeno Blend CO Oguendo CO	08/06/22 e 31/05/22	1.823.090,000	-	1.823.090,000	1.821.265,000	6A	1,00100	Yes
9th	Juaymah RAS Tanura	Arab Medium Abu Safah	15/03/22 e 20/03/22	1.831.566,300	-	1.831.566,300	1.835.297,000	6A	0,99797	Yes
10th	Corpus Christi, Lightering Area	West Texas Intermediate Light CO	13-dez-21	2.063.482,000	-	2.063.482,000	2.065.566,000	6A	0,99899	Yes
11th	Ras Tanurah S.A. Mubarras, UAE	Arab light + Arab Heavy CO	7-set-21	1.923.944,000	-	1.923.944,000	1.927.548,000	6A	0,99813	Yes
12th	Ras Tanurah S.A. Mubarras, UAE	Arab Light + Upper Zakum CO	28/06/21 e 01/07/21	2.014.540,000	-	2.014.540,000	2.016.909,000	6A	0,99883	Yes
13th	Panama Pacific Ligthering Area	Napo + Oriente CO	22-abr-21	1.758.150,000	-	1.758.150,000	1.758.538,000	6A	0,99978	Yes
14th	Basrah, Iraq	Basrah Light CO	5-jan-21	2.002.732,000	-	2.002.732,000	2.005.083,000	6A	0,99883	Yes
15th	SBM Mina Al Ahmadi	Kuwait Export Kuwait South Ratqa	25-set-20	1.936.404,000	-	1.936.404,000	1.937.233,000	6A	0,99957	Yes
16th	Gola, USA	Midland WTI	1-jul-20	2.043.849,400	-	2.043.849,400	2.044.519,520	6A	0,99967	Yes
17th	Juaymah, Saudi Arabia	Arab Light Arab Medium Arab Heavy	6-mai-20	2.062.786,090	-	2.062.786,090	2.060.167,010	6A	1,00127	Yes
18th	Kizomba B N.Gorna, Angola	Kissanje CO Arab Heavy	25/02 e 19/02/20	1.854.742,130	-	1.854.742,130	1.857.085,400	6A	0,99874	Yes
19th	Basrah, Iraq	Basrah Light CO	24-dez-19	1.917.734,450	-	1.917.734,450	1.920.316,200	6A	0,99866	Yes
20th	Loop, USA	Midland WTI	30-set-19	1.995.809,550	-	1.995.809,550	1.997.136,300	6A	0,99934	Yes
					TOTAL	37.092.149,720	37.113.838,900	Volume correction factor table*		
						TCV average ratio	0,99942	**Does Voyage Qualified? (Yes/No)		
					Qualifying VEF	0,99642	1,00242			
					Current VEF		0,99940			

NOTES
* List last voyage first.
* Use either barrels or cubic meters: do not mix.
* The average TCV ratio is equal to total vessel TCV divided by total shore TCV.
*This form should be prepared taking information from the report of analysis of voyage on board

REMARK :

All voyages do not fall under the rules for application of the ship's VEF.

Certificate of Analysis

CLIENT: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

YOUR REF.: STB OC 001

VESSEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

JOB NUMBER: PIS003/24

TERMINAL / PORT: T-OIL TERMINAL / PORTO DO AÇU

DATE: April 10th to 11th, 2024

THE ANALYSIS BELOW WERE PERFORMED AT T-OIL TERMINAL / PORTO DO AÇU LABORATORY.
RESULTS OF SHIP'S TANK COMPOSITE SAMPLE OF VLCC FRONT DEE.

TESTS	UNIT	SPECIFICATION	METHODS	RESULT
DENSITY @20°C	g/cm³	Not Informed	ASTM D5002	0,8777
DENSITY @15°C	g/cm³	Not Informed	ASTM D5002	0,8810
API @60°F	-	Not Informed	ASTM D5002	28,9
BSW	% vol	Not Informed	ASTM D 4007	0,30
SALINITY	mg/l	Not Informed	ASTM D 3230	144,1

REMARK:

Due to the difficulties and limitations inherent within closed system sampling, as described in API MPMS Chapter 17.11, AmSpec can not attest to the representative nature of samples drawn with such systems or the test data derived therefrom as contained within this Test Report

LETTER OF PROTEST

VESSEL:	VLCC FRONT DEE	DATE:	April 10th to 11th, 2024
TERMINAL / PORT:	T-OIL TERMINAL / PORTO DO AÇU	VOYAGE:	FDEEX002
PRODUCT:	MERO C.O.	YOUR REF.:	STB OC 001
JOB NUMBER:	PIS003/24	QUANTITY :	500.000,00 +/- 10% BBLs
<input checked="" type="radio"/> LOADING	<input type="radio"/> DISCHARGING	<input type="radio"/> BUNKERING	CLIENT: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

To : Master / Chief Officer

Issuance Date :

April 11th, 2024

To :

Dear Sir,

We have been appointed as surveyors on the above mentioned vessel by our principals CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD. Acting for and on their behalf, we do hereby note protest with you concerning the following situation:

COMPARISON BETWEEN TOTAL QUANTITY RECEIVED ON VESSEL AND DELIVERED BY FPSO AS PER ASTM 60A TABLE:

DPST DELIVERED FIGURES: 77.901,021 m³ @20°C° NSV

VESSEL'S LOADED FIGURES: 77.812,029 m³ @20°C° NSV

> DIFFERENCE: -88,992 m³ @20°C or -0,11 % RECEIVED ON VESSEL.

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.

Yours Faithfully

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

VESSEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

DETAILS: STS WITH DPST EAGLE PASSOS

TERMINAL T-OIL TERMINAL / PORTO DO AÇU

CARGO REF: STB OC 001

DATE: April 10th to 11th, 2024

Date	Time	Event
April 05th, 2024	12:00	EOSP / Vessel arrived at Açú port
	13:00	Vessel anchored at anchored #10 , Porto do açú
April 06th, 2024	0:01	NOR Tendered
	6:00	NOR Retendered
April 07th, 2024	4:48	Anchor Aweigh
	5:30	POB / NOR Retendered
	6:00	NOR Retendered
	6:18	Tugs made fast
	7:18	Commence mooring
	8:00	Pilots away
	9:30	Shore Gang onboard
	9:48	Surveyors Ampsec onboard
	9:54	All made fast / All tugs cast off / NOR Retendered / Commence Pick up STS GEARS
	10:18	Commence Tank inspection (AMSPEC)
	10:36	Complete Pick up STS GEARS
	10:48	Completed Tank Inspection (AMSPEC) / commence cargo calculation
	11:00	Completed cargo calculation / NOR Accepted
	11:18	Commence fendering
	11:54	Completed fendering
April 08th,2024	12:06	Hoses Connected to ships manifold
	17:00	STS CL 2 completed
	17:10	STS CL 3 Completed
	17:24	Commence Mooring with Porto
	18:24	Completed Mooring with Porto
	18:30	Key meeting started
	18:42	Key meeting completed
	18:42	Checklist n 4 completed with Porto
	18:48	STS Vessel commence hose connection onboard Porto
	19:30	STS Vessel completed hose connection onbooard Porto
	20:48	Commence Loading TUPI C.O. (From Porto)
	12:00	Commence Cargo Sampling (for TUPI CO)
	13:00	Completed Cargo Sampling (for TUPI CO)
	16:12	Completed Loading TUPI CO
	16:12	Commence Cargo Tank gauging for grade TUPI CO
	16:30	Commence Hose disconnection from STS Vessel Porto
	17:24	Completed cargo Tank gauging - for grade TUPI CO
	17:24	Commence cargo calculation - for grade TUPI CO
	18:24	Commence Cargo Calculation - for Grade TUPI CO
	18:24	Completed Cargo Calculation - for Grade TUPI CO
	18:48	Completec Hose disconnection from STS Vessel Porto
	18:48	N.O.R. retendered (on hose disconnection from Porto)
	19:00	Documents signed with surveyors
	19:30	Vessel Release by cargo surveyors Ampsec
	20:00	STS CL 5 completed
	20:06	commence unmooring STS Vessel Porto
	20:36	completed unmooring STS Vessel Porto
	20:36	Awaiting STS Vessel EAGLE PASSOS to arrive
April 10th, 2024	14:24	STS CL 2 Completed
	14:36	STS CL 3 Completed
	14:42	Commence mooring with EAGLE PASSOS
	15:42	Completed mooring with EAGLE PASSOS
	15:48	Commence cargo tank inspection
	15:54	Commence cargo hoses connections (3x12") with DP Eagle Passos
	16:18	Completed cargo tank inspection
	16:18	Cargo calculations done, No OBQ - For nominated COTs - Buzios & Mero C. O.
	14:42	Commence mooring with EAGLE PASSOS
	15:42	Completed mooring with EAGLE PASSOS
	15:48	Commence cargo tank inspection

PETROINSPEC REF: PIS003/24

TERMINAL T-OIL TERMINAL / PORTO DO AÇU
CARGO REF: STB OC 001
DATE: April 10th to 11th, 2024

[illegible]

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

VESSEL: VLCC FRONT DEE
VOYAGE: FDEEXX002
PRODUCT: MERO C.O.

SHIP: T-OIL TERMINAL / PORTO DO AÇU
CARGO REF: STB OC 001
DATE: April 10th to 11th, 2024

[illegible]

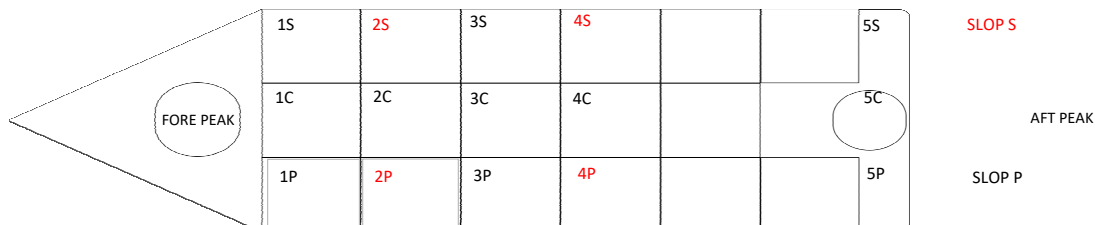
Draft (m)		FWD	AFT
Arrival		13,73	13,73
Arrival Condition		<input type="checkbox"/> Trim by the Bow <input type="checkbox"/> Trim by the Stern <input checked="" type="checkbox"/> Even Keel <input type="checkbox"/> List by Port <input type="checkbox"/> List by Starboard <input type="checkbox"/> No List	
Departure		20,60	20,60
Departure Condition		<input type="checkbox"/> Trim by the Bow <input type="checkbox"/> Trim by the Stern <input checked="" type="checkbox"/> Even Keel <input type="checkbox"/> List by Port <input type="checkbox"/> List by Starboard <input type="checkbox"/> No List	

SEA VALVES SEAL NUMBERS

Sea Valves Port	-		
Sea Valves Starboard	-		
Oil/Water Separator	17133		
Cargo Tanks Used as Ballast	() Yes	(X) No	
Segregated Ballast Tanks	(X) Yes	() No	

Innages Taken at Assigned Gauge Points	(X) Yes	() No	
Location	() Fore	(X) Center	() Aft

Additional Oil Found in Red	() Yes	(X) No	
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Top Lines Stripped	(X) Yes	() No	
Bottom Lines Stripped	(X) Yes	() No	
Hose/Arm Stripped	(X) Yes	() No	

Bunkers (m)	Fuel Oil	Diesel
Departure from Port (Mt Vac)	-	-
Arrival at FPSO (Mt Vac)	-	-
Departure from FPSO (Mt Vac)	-	-
Arrival at Port (Mt Vac)	-	-

Comments:

ALL TANKS EMPTY - TK'S (2P/2S/4P/4S/SLOP S)

CUSTOMER: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS003/24

VESSEL: VLCC FRONT DEE

TERMINAL: T-OIL TERMINAL / PORTO DO ACU

VOYAGE: FDEEXX002

CARGO REF: STB OC 001

PRODUCT: MERO C.O.

DATE: April 10th to 11th, 2024

As per the Master/Chief Officer of the aforementioned vessel, the cargo tanks on deck below are pressurized with gas, preventing physical entry. Consequently, our assessment was confined to a visual inspection. The onboard tanks were examined visually, adhering to the criteria of cleanliness, dryness, and absence of odors.

Informed method that have been used to clean the tanks:

The tanks on the ship were inspected using sounding, as visual checks were impracticable due to the presence of inert gas inside

Tank Number	Date	Time	Last Cargo	2nd Last Cargo	3rd Last Cargo	Cap. of the Tanks	Type of Coating
2P	10/04/24	15:00	OMAN C.O.	SATURNO C.O.	SEPIA C.O.	19.833,80	EPOXY
2S	10/04/24	15:00	OMAN C.O.	SATURNO C.O.	SEPIA C.O.	19.833,80	EPOXY
4P	10/04/24	15:00	OMAN C.O.	SATURNO C.O.	SEPIA C.O.	19.833,80	EPOXY
4S	10/04/24	15:00	OMAN C.O.	SATURNO C.O.	SEPIA C.O.	19.833,80	EPOXY
SLOP S	10/04/24	15:00	OMAN C.O.	SATURNO C.O.	SEPIA C.O.	4.854,90	EPOXY
					TOTAL	84.190,10	

Information regarding previous cargoes, tank coating, and cleaning methods was obtained from vessel personnel and cannot be guaranteed as accurate. PetroInspec assumes no liability for any consequences resulting from inaccurate information supplied by the vessel. This report necessarily relies on such information.

The tank cleaning inspections are based on visual assessments of accessible surfaces and system time. However, this document does not encompass the evaluation of tank surfaces' cleanliness, specific spots, or the potential release of components from previous cargoes during loading, discharging, or transport of the current cargo. The vessel holds full responsibility for these aspects. The assurance of the suitability of tank coating for the intended cargo must be guaranteed by the vessel's owner or the coating suppliers.

Due to the difficulties and limitations inherent within closed system sampling, as described in API MPMS Chapter 17.11, Petrolspec can not attest to the representative nature of samples drawn with such systems or the test data derived therefrom as contained within this Test Report.

Bunker Report

CLIENT: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD
YOUR REF.: STB OC 001 **JOB NUMBER:** PIS003/24
VESSEL: VLCC FRONT DEE **TERMINAL / PORT:** T-OIL TERMINAL / PORTO DO AÇU
VOYAGE: FDEEXX002 **DATE:** April 10th to 11th, 2024
PRODUCT: MERO C.O.

1. VESSEL HISTORY FROM CHIEF ENGINEER

BUNKER PRODUCT	MARINE GAS OIL	DAYS AT SEA	N/I	AT ANCH	N/I
LAST PORT	NOT INFORMED	AVERAGE BUNKER CONSUMPTION PER DAY			
BUNKERS ON DEPARTURE	N/I	METRIC TONS	AT SEA	N/I	METRIC TONS
BUNKERS AT E.O.S.P.	N/I	METRIC TONS	AT LOAD	N/I	METRIC TONS
BUNKERS RECEIVED INTRANSIT	N/I	METRIC TONS	AT DISC	N/I	METRIC TONS
BUNKERS RECEIVED IN PORT	N/I	METRIC TONS	AT ANCHOR	N/I	METRIC TONS

2. INSPECTION UPON ARRIVAL

DATE	10-Apr-2024	TIME	16:00	DRAFTS	FWD	13,73 m	AFT	13,73 m
TANK NAME	INNAGES	G.O.V.	TEMP.	V.C.F.	G.S.V.	DENSITY	M. TONS	
	m	m3	°C	T54B - 2004	m3	15°C	(AIR)	
LSMGO TK(S)	7,780	348,050	32,0	0,98619	343,24	0,8675	297,39	
MDO STOR TK(S)	11,230	567,290	32,0	0,98632	559,53	0,8739	488,36	
MDO SETTling TK	0,000	0,000	32,0	0,98568	0,00	0,8437	0,00	
MDO SERVICE TK	5,560	26,740	32,0	0,98572	26,36	0,8456	22,26	
TOTALS	G.O.V. =	942,080		G.S.V. =	929,131	M. TONS =	808,002	

3. INSPECTION PRIOR TO SAILING

DATE	11-Apr-2024	TIME	14:55	DRAFTS	FWD	20,60 m	AFT	20,60 m
TANK NAME	INNAGES	G.O.V.	TEMP.	V.C.F.	G.S.V.	DENSITY	M. TONS	
	m	m3	°C	T54B - 2004	m3	15°C	(AIR)	
STOR 1 STBD	7,780	348,050	32,0	0,98619	343,24	0,8675	297,39	
STOR 2 STBD	11,230	567,290	32,0	0,98632	559,53	0,8739	488,36	
ME SERV.	0,000	0,000	32,0	0,98568	0,00	0,8437	0,00	
GE SERV.	5,560	26,740	32,0	0,98572	26,36	0,8456	22,26	
TOTALS	G.O.V. =	942,080		G.S.V. =	929,131	M. TONS =	808,002	

4. ADDITIONAL INFORMATION AND COMMENTS

QUANTITY CONSUMED DURING VOYAGE	METRIC TONS	BUNKER SURVEY WAS
QUANTITY CONSUMED DURING TRANSFER	0,000 METRIC TONS	SUBMITTED BY VESSEL

CLIENT: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

YOUR REF.: STB OC 001
VESSEL: VLCC FRONT DEE
VOYAGE: FDEEX002
PRODUCT: MERO C.O.

JOB NUMBER: PIS003/24
TERMINAL / PORT: T-OIL TERMINAL / PORTO DO AÇU
DATE: April 10th to 11th, 2024

1. VESSEL HISTORY FROM CHIEF ENGINEER

BUNKER PRODUCT	HEAVY FUEL OIL	DAYS AT SEA	N/I	AT ANCH	N/I
LAST PORT	NOT INFORMED		AVERAGE BUNKER CONSUMPTION PER DAY		
BUNKERS ON DEPARTURE	N/I	METRIC TONS	AT SEA	N/I	METRIC TONS
BUNKERS AT E.O.S.P.	N/I	METRIC TONS	AT LOAD	N/I	METRIC TONS
BUNKERS RECEIVED INTRANSIT	N/I	METRIC TONS	AT DISC	N/I	METRIC TONS
BUNKERS RECEIVED IN PORT	N/I	METRIC TONS	AT ANCHOR	N/I	METRIC TONS

2. INSPECTION UPON ARRIVAL

DATE	10-Apr-2024	TIME	16:00	DRAFTS	FWD	13,73 m	AFT	13,73
TANK NAME	INNAGES	G.O.V.	TEMP.	V.C.F.	G.S.V.	DENSITY	M. TONS	
	m	m3	°C	T54B - 2004	m3	15°C	(AIR)	
No1 H.F.O. TK (P)	10,46	472,100	42,0	0,98041	462,85	0,9476	438,09	
No1 H.F.O. TK (S)	0,00	0,000	36,0	0,98478	0,00	0,9476	0,00	
No2 H.F.O. TK (P)	5,74	1056,700	40,0	0,98187	1037,54	0,9476	982,03	
No2 H.F.O. TK (S)	1,69	859,420	37,0	0,98405	845,71	0,9476	800,47	
HFO SETT No1 TK	11,50	57,440	64,0	0,96430	55,39	0,9476	52,43	
HFO SETT No2 TK	0,00	0,000	0,0	1,01079	0,000	0,9476	0,000	
HFO SERVICE No1 TK	10,50	69,470	84,0	0,94955	65,965	0,9476	62,436	
HFO SERVICE No2 TK	0,00	0,000	0,0	1,01079	0,000	0,9476	0,000	
OVERFLOW TK	0,00	0,000	32,0	0,98769	0,000	0,9476	0,000	
TOTALS	G.O.V. =	2515,130		G.S.V. =	2467,460	M. TONS =	2335,452	

3. INSPECTION PRIOR TO SAILING

DATE	11-Apr-2024	TIME	14:00	DRAFTS	FWD	20,60 m	AFT	20,60
TANK NAME	INNAGES	G.O.V.	TEMP.	V.C.F.	G.S.V.	DENSITY	M. TONS	
	m	m3	°C	T54B - 2004	m3	15°C	(AIR)	
No1 H.F.O. TK (P)	10,48	470,900	42,0	0,98041	461,68	0,9476	436,98	
No1 H.F.O. TK (S)	0,00	0,000	36,0	0,98478	0,00	0,9476	0,00	
No2 H.F.O. TK (P)	5,74	1056,700	40,0	0,98187	1037,54	0,9476	982,03	
No2 H.F.O. TK (S)	1,69	859,420	37,0	0,98405	845,71	0,9476	800,47	
HFO SETT No1 TK	11,50	48,990	64,0	0,96430	47,24	0,9476	44,71	
HFO SETT No2 TK	0,00	0,000	0,0	1,01079	0,000	0,9476	0,000	
HFO SERVICE No1 TK	10,50	69,680	84,0	0,94955	66,165	0,9476	62,625	
HFO SERVICE No2 TK	0,00	0,000	0,0	1,01079	0,000	0,9476	0,000	
OVERFLOW TK	0,00	0,000	32,0	0,98769	0,000	0,9476	0,000	
TOTALS	G.O.V. =	2505,690		G.S.V. =	2458,335	M. TONS =	2326,815	

4. ADDITIONAL INFORMATION AND COMMENTS

QUANTITY CONSUMED DURING VOYAGE	METRIC TONS	BUNKER SURVEY WAS
QUANTITY CONSUMED DURING TRANSFER	8,637	SUBMITTED BY VESSEL

SLOPS RECORD REPORT - BEFORE LOADING

CLIENT: CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD

YOUR REF.: STB OC 001

VESSEL: VLCC FRONT DEE

VOYAGE: FDEEXX002

PRODUCT: MERO C.O.

JOB NUMBER: PIS003/24

TERMINAL / PORT: T-OIL TERMINAL / PORTO DO AÇU

DATE: April 10th to 11th, 2024

[illegible]

VESSEL DRAFT		SEA VALVES SEALS NUMBER			
FORE DRAFT:	13.73	SEA VALVES PORT:		-	
AFTER DRAFT:	13.73	SEA VALVES STB:		-	
LIST DEGREES:		OVERBOARD:		17182	
		SEACHEST:		17113	
		OIL/WATER SEPARATOR:		-	
CARGO TANKS USED AS BALLAST :	NOT				
SEGREGATED BALLAST TANKS:	YES				
INNAGES TAKEN AT DESIGNATES GAUGE POINTS :	NOT		LOCATED:		
ADDITIONAL OIL FOUND:		INFORM TANK N°:	TAKEN SAMPLES:		
TOP LINES STRIPPED:	YES		BUNKER SURVEY:	FUEL OIL	DIESEL OIL
BOTTOM LINES STRIPPED:	YES		MT-VAC (BEFORE):	-	-
HOSE/ARM STRIPPED:			MT-VAC (AFTER):	-	-

REMARKS:

ALL SLOP's empty before operation.

Slops Record Report - After Loading

DATE: April 10th to 11th, 2024

VESSEL TANKS	CARGO			CARGO T.O.V. m³	FREE WATER		CARGO G.O.V. m³
NUMBERS	Total Corrected Measurement (m)	Nom Liquid/Sludge/ Solid (m)	Liquid Measurement (m)		Corrected Measurement (m)	Free Water Volume (m³)	

[illegible]

VESSEL DRAFT		SEA VALVES SEALS NUMBER	
FORE DRAFT:	20,60	SEA VALVES PORT	-
AFTER DRAFT:	20,60	SEA VALVES STB	-
LIST DEGREES:	-	OVERBOARD:	17182
		SEACHEST	17113
		OIL/WATER SEPARATOR:	-

CARGO TANKS USED AS BALLAST :	NOT		
SEGREGATED BALLAST TANKS :	YES		

INNAGES TAKEN AT DESIGNATES GAUGE POINTS		YES		LOCATED	
ADDITIONAL OIL FOUND:	NOT	INFORM TANK N°:	N/A	TAKEN SAMPLES:	

TOP LINES STRIPPED:	YES		BUNKER SURVEY:	FUEL OIL	DIESEL OIL
BOTTOM LINES STRIPPED:	YES		MT-VAC (BEFORE):	-	-
HOSE/ARM STRIPPED:	YES		MT-VAC (AFTER):	-	-

REMARKS:

SLOPS TANKS SEE ULLAGE REPORT.

H2S Report - Before Operation

CLIENT:	CHINA OFFSHORE OIL (SINGAPORE) INT. PTE LTD / CNOOC TRADING (SINGAPORE) PTE LTD		
YOUR REF.:	STB OC 001		
VESSEL:	VLCC FRONT DEE	JOB NUMBER: PIS003/24	
VOYAGE:	FDEEX002	TERMINAL / PORT: T-OIL TERMINAL / PORTO DO AÇU	
PRODUCT:	MERO C.O.	DATE: April 10th to 11th, 2024	

[illegible]

REMARK.:

The H2S measurements was done by the Vessel staff and accompanied by the PetroInspec Surveyor.