

CLIENT	CNOOC PETROLEUM BRASIL LTDA/ CHINA OFFSHORE OIL (SINGAPORE) INTERNATIONAL PTE LTD		
OS:	PIS0011/24		
VESSEL	DPST Eagle Petrolina	CLIENT REF:	ABA OC 005
VOYAGE	2122CEN	TERMINAL / PORT:	FPSO Almirante Barroso / Santos Basin
PRODUCT	Búzios Crude Oil	DATE	From June 19th to June 21st, 2024

FINAL DRAFT	FWD	16,20	AFT	16,20	TRIM		LIST	
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VESSEL TANKS	MEASUREMENT	WATER	TOV	FREE WATER	GOV	TEMP	VCF	GSV	S&W	NSV	WEIGHT
	IN METERS	IN CM	IN LITERS	IN LITERS	IN LITERS	°C	@ 20 °C	LITERS @ 20°C	0,30%	LITERS @ 20°C	KILOGRAMS
1P	1,490 m		10.781.950		10.781.950,00	37,1	0,98639	10.635.208,00	31.906	10.603.302,00	9.324.543,78
1S	1,490 m		10.764.800		10.764.800,00	37,0	0,98647	10.619.152,00	31.857	10.587.295,00	9.310.467,22
2P	1,500 m		13.214.300		13.214.300,00	37,3	0,98623	13.032.339,00	39.097	12.993.242,00	11.426.257,02
2S	1,500 m		13.210.800		13.210.800,00	37,2	0,98631	13.029.944,00	39.090	12.990.854,00	11.424.157,01
3P	1,500 m		13.340.000		13.340.000,00	37,2	0,98631	13.157.375,00	39.472	13.117.903,00	11.535.883,90
3S	1,500 m		13.335.100		13.335.100,00	37,2	0,98631	13.152.542,00	39.458	13.113.084,00	11.531.646,07
4P	1,440 m		13.374.100		13.374.100,00	37,1	0,98639	13.192.078,00	39.576	13.152.502,00	11.566.310,26
4S	1,440 m		13.368.000		13.368.000,00	37,1	0,98639	13.186.062,00	39.558	13.146.504,00	11.561.035,62
5P	1,500 m		13.337.700		13.337.700,00	37,2	0,98631	13.155.107,00	39.465	13.115.642,00	11.533.895,58
5S	1,500 m		13.332.200		13.332.200,00	37,1	0,98639	13.150.749,00	39.452	13.111.297,00	11.530.074,58
6P	1,510 m		12.744.100		12.744.100,00	37,2	0,98631	12.569.633,00	37.709	12.531.924,00	11.020.573,97
6S	1,530 m		12.722.700		12.722.700,00	37,1	0,98639	12.549.544,00	37.649	12.511.895,00	11.002.960,46
SL P	1,840 m	3cm	2.423.800,00	1.740	2.422.060,00	37,5	0,98607	2.388.321,00	7.165	2.381.156,00	2.093.988,59
TOTAL			155.949.550	1.740	155.947.810			153.818.054,00	461.454,00	153.356.600,00	134.861.794,04

TCV:	153.358,340
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	GROSS	NET	CONVERSION FACTORS BASIS MPMS 11.5.3	
			V.E.F.	1,0000
LITERS @ 20°C	153.818,054	153.356,600	AVERAGE DENSITY @ 20°C (VAC)	0,8794
KILOGRAMS (VAC)	135.267,597	134.861,794	AVERAGE DENSITY @ 15°C (VAC)	0,8827
METRIC TONS (VAC)	135.267,597	134.861,794	FACTOR / METRIC TON (AIR)	1,134258901
KILOGRAMS (AIR)	135.071,871	134.666,655	FACTOR / LONG TONS (AIR)	1,152460250
METRIC TONS (AIR)	135.071,871	134.666,655	FACTOR / US BBLs @ 60°F	6,292579507
LONG TONS (AIR)	132.938,617	132.539,801	FACTOR / US GALLONS @ 60°F	42
US BBLs@ 60°F	964.063,91	961.171,71	AVERAGE °API	28,7
US GALLONS @ 60°F	40.490.684,03	40.369.212,02	FACTOR LITERS @ 20°C TO LITERS @ 15°C (T54)	0,996023990
LITERS @ 15°C	153.206.471,9	152.746.852,7		

REMARK : 4 METERS SWELL DURING TANKS MEASUREMENTS

MEASUREMENTS DEVICE UTI : MODEL: GTEX SERIAL NUMBER: G-24598 CALIBRATION EXPIRE: DECEMBER 12th, 2024

Density, BSW, API and Salt were based on FPSO Almirante Barroso's analysis.

Summary of quantities basis on Liters @ 15 °C from Liters @ 20°C using Table 54, other units basis on MPMS 11.5.3