



CAMPOS ELISEOS 400, OF 1102
COL. LOMAS DE CHAPULTEPEC, MIGUEL HIDALGO
CIUDAD DE MEXICO
11000 7

Your Ref.: H-94-2024-02/0008 & H-94-2024-02/0009

Our Ref : MX2402221-GM
Date : 24th February 2024

Supervision Report

We give below details of a material described as "**Cananea Copper Concentrates**" which was weighed, loaded, sampled, tested for moisture content and prepared in the presence of our representatives.

General Details

Advised Material	Cananea Copper Concentrates
Advised Weight	11,000 WMT Lots H008 & H009
Vessel	MV "BLUE DIAMOND "
Material Location in Vessel	Holds 1 & 5
Supplier	Grupo Mexico
Buyer	JIANGXI & FUYE
Load Port	Guaymas, Mexico
Discharge Port	Nanjing, CN & Zhapu, CN
Vessel Arrived	February 19 th , 2024, at 22:00 hrs. LT
Vessel Berthed	February 19 th , 2024, at 23:00 hrs. LT
Loading Commenced	February 20 th , 2024, at 01:45 hrs. LT
Loading Completed	February 21 st , 2024, at 22:30 hrs. LT
Sample Preparation	February 20 th to February 23 rd , 2024
Sample Sealing Date	February 23 th , 2024

Lot H0009	Hold Nr. 01
Net Wet Weight (WMT)	10,758.960
Moisture (%)	8.50315
Net Dry Weight (DMT)	9,844.109

Lot H0008	Hold Nr. 05
Net Wet Weight (WMT)	10,598.310
Moisture (%)	8.57283
Net Dry Weight (DMT)	9,689.734

Cargo Condition

The material was found stockpiled at Grupo Mexico Terminal, Guaymas inside the warehouse and API yards. The warehouse is located inside Guaymas Port Terminal approximately 600 m away from the berth. This warehouse has a maximum capacity of 80,000mt. Stockpile sampling per FMP/TML testing was performed by ALS staff, February 17th, 2024, as per the verbal notification of the Grupo Mexico representative. Our surveyor attended at the shipper's stockpile prior to the loading operations and observed that the cargo was in bulk form and ready for loading. No apparent contamination or impurities were observed as far as visibly accessible.

Lot H0008



Cargo Condition

The material was found stockpiled at Grupo Mexico Terminal, Guaymas inside the warehouse and API yards. The warehouse is located inside Guaymas Port Terminal approximately 600m away from the berth. This warehouse has a maximum capacity of 80,000mt. Stockpile sampling per FMP/TML testing was performed by ALS staff, February 17th, 2024, as per the verbal notification of the Grupo Mexico representative.

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Lot H0009





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Visual truck inspection details:



© HONOR X8a 5G
● 50MP Triple Camera



OPPO A15 - ©MV BLUE DIAMOND
2024/02/20 19:58



© HONOR X8a 5G
● 50MP Triple Camera



21 feb. 2024 22:22:56
MV BLUE DIAMOND

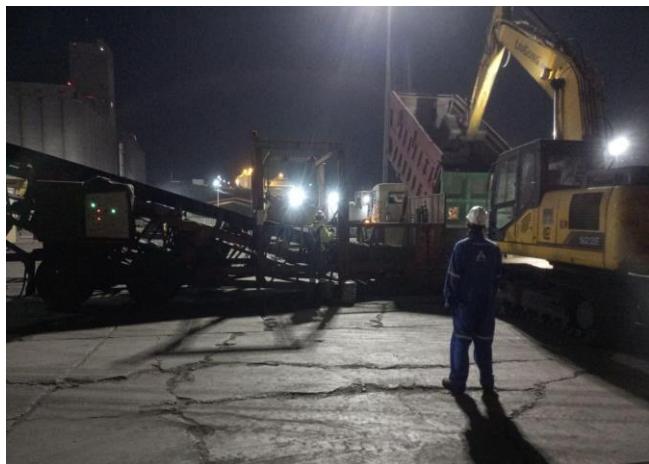
ALS Inspection Mexico Address - Interior Recinto Portuario Zona Franca S/N CP 85430 - P: +52 662 244 62 05

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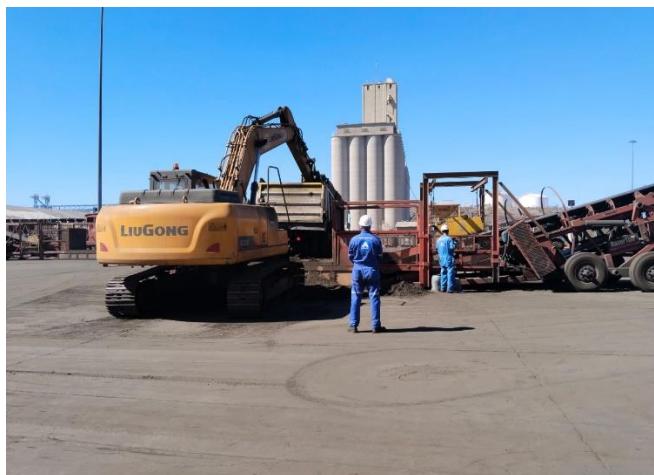
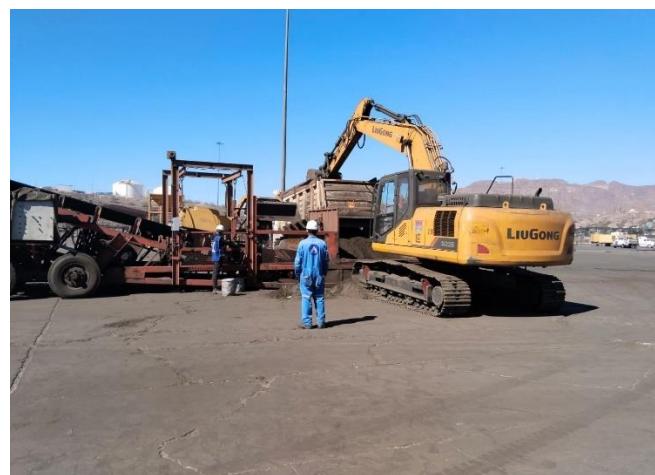
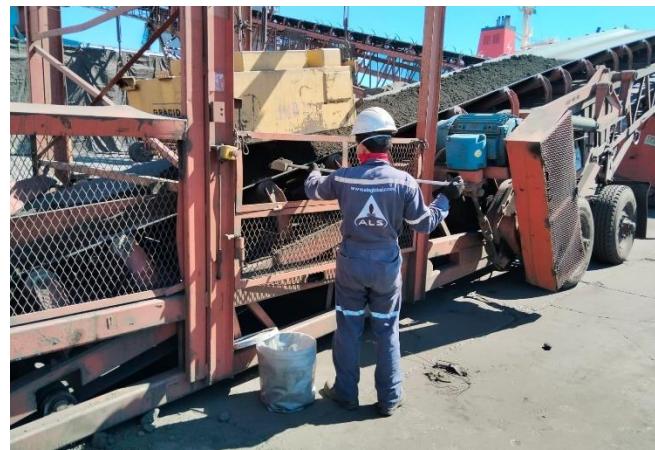
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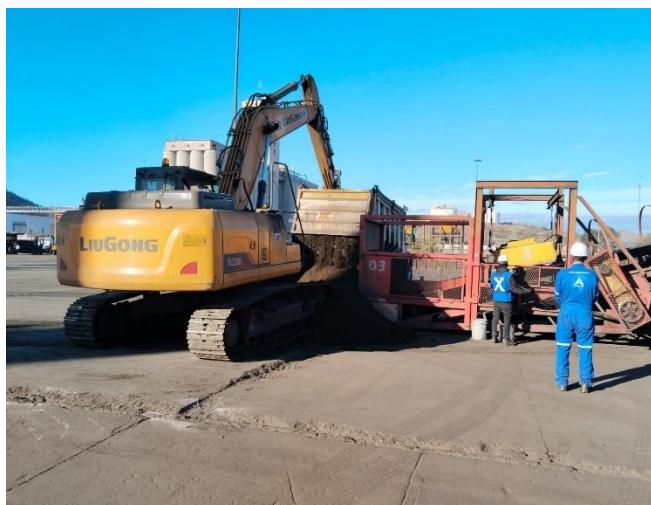
Loading operation and conveyor details: H-0009



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Loading operation and conveyor details: H-0008



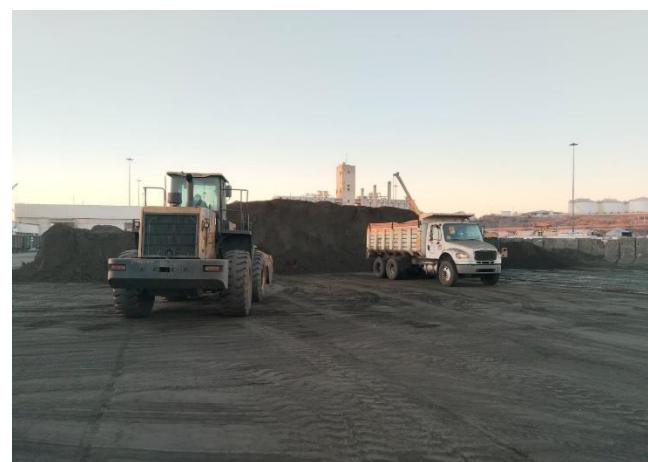
Loading operation and conveyor details: H-0008



Loading trucks operation in: API Yards lot H-0009



Loading trucks operation in: API Yards lot H-0008





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Scale Weighing

The official weight of the cargo loaded on board the vessel was ascertained using a Shore Scale with the following details:

Mark	: Revuelta
Model	: ERCC
Serial Number	: 86611C1280
Location	: API Terminal
Máximum Capacity	: 80,000 kg
Last Calibration	: February 13 th , 2024



ALS Inspectors were in attendance at all times at the Shore Scale.

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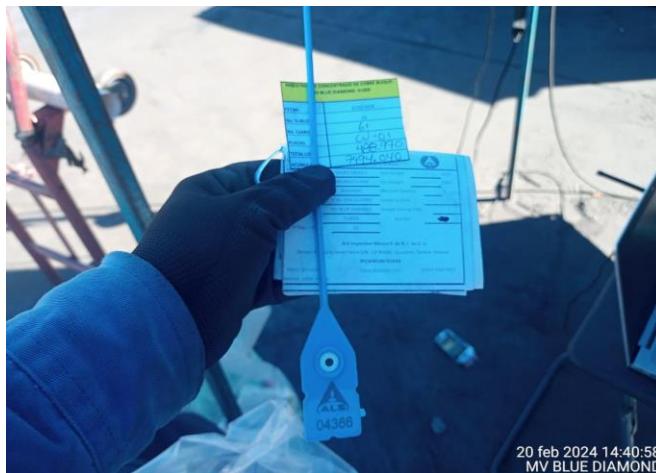
Sampling for moisture determination and quality preparation by ALS Staff H-0009

In order to determine the moisture content of the cargo loaded, samples were initially taken manually by ALS personnel from the mobile conveyor belts separately for each hold.

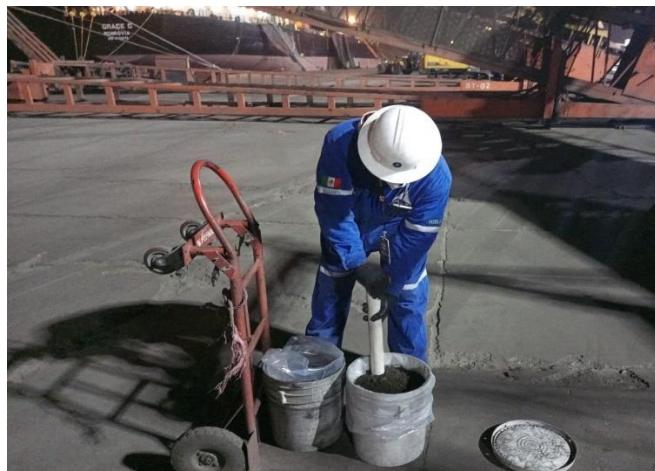
At the sampling point for each truck of approximately 20 WMT, 9 increments with the minimum quantity of 500g each (3 at the beginning, 3 in the middle and 3 at the end) were taken from the mobile conveyor belt for every truck discharging, using a JIS scoop No. 30. These increments were emptied into a plastic bag placed inside a plastic bucket. Samples of approximately 90-100 kg were collected representing each 500 WMT lot.

This primary sample per lot is reduced by means of spear reduction, taking 7 and 9 increments from the gross sample until obtaining approximately 15kg sample which is collected in a polyethylene bag, sealed with tape, labelled, and taken to the TGM laboratory, which is approximately 1 km from the sampling site. Samples are transported from the sampling site to the lab by means of a GM Truck.

During the sampling operations ALS inspectors ensured there was no mixing of material, and lots were kept separate.



Sampling for moisture determination and quality preparation by ALS Staff H0009:

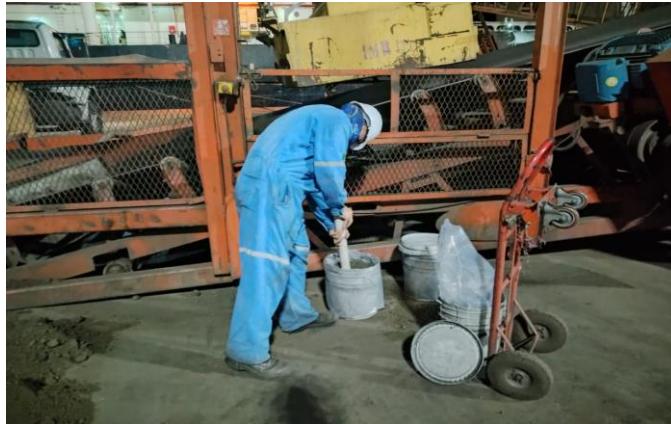


Sampling for moisture determination and quality preparation by ALS Staff H-0008

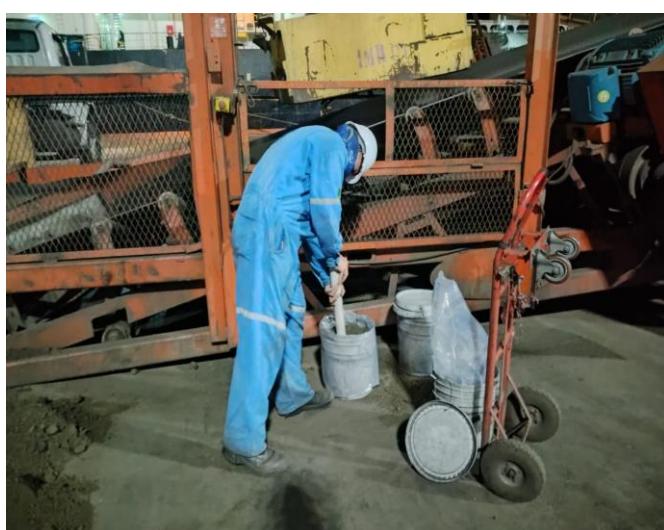
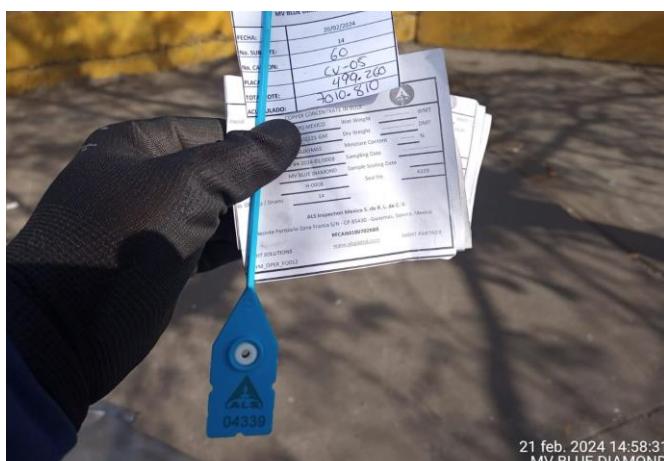
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During the sampling operations ALS inspectors ensured there was no mixing of material, and lots were kept separate.



Sampling for moisture determination and quality preparation by ALS Staff H0008:



Witnessing Moisture determination in TGM Laboratory Lot H0009:

Moisture determination is performed by TGM laboratory personnel under the full supervision of ALS Inspection.

Before weighing the samples, the empty trays were weighed for tare. Each bag containing the sample collected per 500 WMT lot was poured over a plastic sheet and homogenized. Afterwards, this homogenized sample was reduced by the 4x5 increment division method using a JIS scoop No. 5 to 3 x approx. 2kg which are placed into a tray each. The 3 trays are then placed into the oven for drying.

Trays dimensions are:

- Length: 35 cms
- Width: 15 cms
- Height: 5 cms
- The sample to be spread to a thickness of less than 30mm

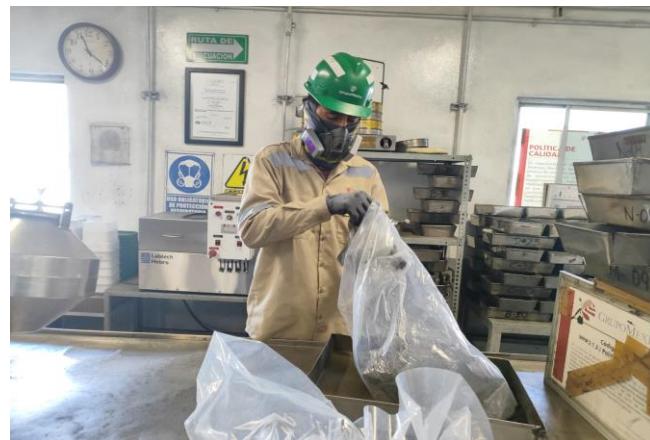
Prior to use, the oven temperature is set at 105°C +/- 5 °C, and its temperature is controlled by means of a thermometer. This control is carried out at 08:00 hours, 12:00 hours and 16:00 hours. Further controls can be conducted if the operator deems it necessary in addition to the mandatory intervals mentioned above.

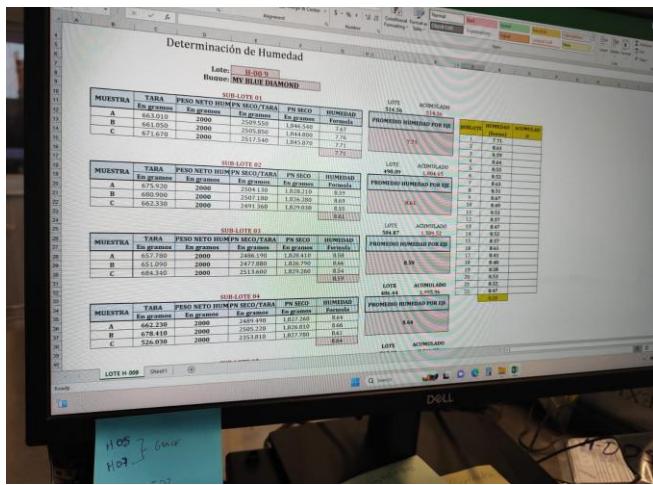
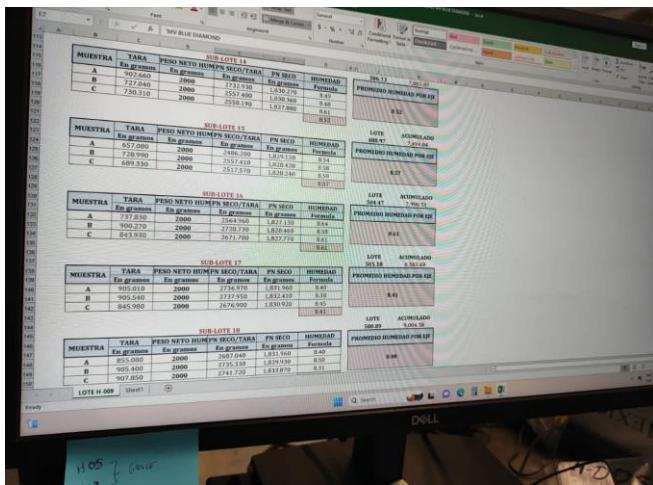
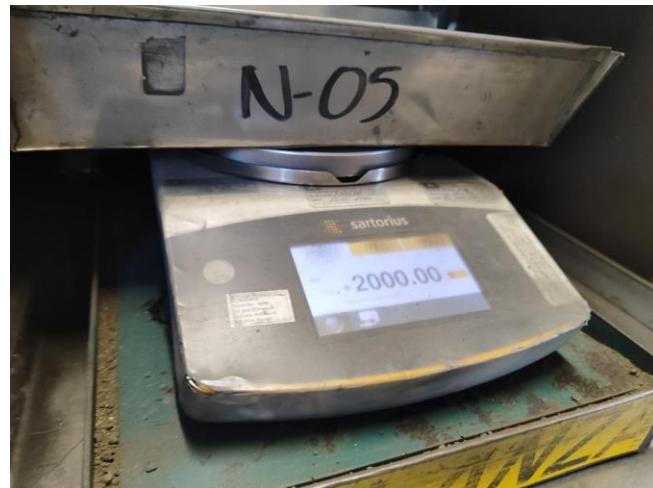
The trays were put into the oven without continuous forced ventilation at 105 °C +/- 5 °C, for 12 hours, after this time the sample was weighed and placed in the oven again for an additional 1 hour to reach constant weight. Each tray sample was weighed before and after drying in the oven. After completion of the drying process, the moisture percentage of each tray sample was obtained by calculating the difference between the wet and dry weight. The average of the samples was applied per lot.

The samples were weighed hot with the trays taken directly from the oven.

During moisture determination ovens are sealed by ALS Inspection and all moisture data is recorded.

The final moisture of 500 WMT lot samples was calculated by averaging the moistures from the 3 trays.







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SUB-LOTE 01									
MUESTRA	TARA	PESO NETO HUMPN SECO/TARA	PN SECO	HUMEDAD	PROMEDIO HUMEDAD POR EJE	SUBLOTE	HUMEDAD		
	En gramos	En gramos	En gramos	En gramos	Formula		(Desvío)		
A	913.070	2000	2759.010	1.841.940	7.98	1	7.95		
B	737.340	2000	2771.740	1.840.590	7.97	2	8.01		
C	720.290	2000	2560.910	1.840.620	7.97	3	8.00		
						4	8.02		
						5	8.76		
						6	8.76		
						7	8.76		
						8	8.40		
						9	8.40		
						10	8.40		
						11	8.87		
						12	8.79		
						13	8.62		
						14	8.57		
						15	8.62		
						16	8.65		
						17	8.67		
						18	8.52		
						19	8.45		
						20	8.45		
						21	8.39		
						22	8.39		

SUB-LOTE 02									
MUESTRA	TARA	PESO NETO HUMPN SECO/TARA	PN SECO	HUMEDAD	PROMEDIO HUMEDAD POR EJE	SUBLOTE	HUMEDAD		
	En gramos	En gramos	En gramos	En gramos	Formula		(Desvío)		
A	724.560	2000	2502.520	1.837.680	8.62	1	8.57		
B	682.600	2000	2512.330	1.829.730	8.51	2	8.62		
C	683.200	2000	2517.640	1.832.440	8.38	3	8.43		
						4	8.43		
						5	8.43		
						6	8.43		
						7	8.43		
						8	8.43		
						9	8.43		
						10	8.43		
						11	8.43		
						12	8.43		
						13	8.43		
						14	8.43		
						15	8.43		
						16	8.43		
						17	8.43		
						18	8.43		
						19	8.43		
						20	8.43		
						21	8.39		
						22	8.39		

LOTE H-008 Sheet1



Equipment for moisture determination

DRYING OVEN	OVEN No. 3
Brand	SHEL LAB
MANUFACTURER*	USA
SERIAL NR.	03002717
MEASUREMENT RANGE	T= -50°C TO 260°C
TESTING COMPANY	Metrología y pruebas SA de CV
STATUS	OPERATIVE
LAST CALIBRATION	January 18, 2024

ELECTRONIC SCALE	Sartorius
MODEL	QUINTIX5101-1S
SERIAL NUMBER	0036450067
MINIMUM GRADUATION	0.1 g.
MAXIMUM CAPACITY	5.1000 g.
TESTING COMPANY	Mettler Toledo
LAST CALIBRATION	January 18 2024



Lot by lot weight and moisture results as below:

LOT H0009 in Hold 1

SUB LOT	CLIENT REFERENCE N.	WMT	MOISTURE		DMT
			(%)	(MT)	
1	H-94-2024-02/0009	514.560	7.71000	39.673	474.887
2	H-94-2024-02/0009	490.090	8.61000	42.197	447.893
3	H-94-2024-02/0009	504.870	8.59000	43.368	461.502
4	H-94-2024-02/0009	486.440	8.64000	42.028	444.412
5	H-94-2024-02/0009	515.990	8.55000	44.117	471.873
6	H-94-2024-02/0009	491.290	8.52000	41.858	449.432
7	H-94-2024-02/0009	496.220	8.63000	42.824	453.396
8	H-94-2024-02/0009	506.020	8.51000	43.062	462.958
9	H-94-2024-02/0009	507.350	8.67000	43.987	463.363
10	H-94-2024-02/0009	486.770	8.49000	41.327	445.443
11	H-94-2024-02/0009	498.350	8.51000	42.410	455.940
12	H-94-2024-02/0009	505.860	8.57000	43.352	462.508
13	H-94-2024-02/0009	494.530	8.47000	41.887	452.643
14	H-94-2024-02/0009	506.730	8.52000	43.173	463.557
15	H-94-2024-02/0009	488.970	8.57000	41.905	447.065
16	H-94-2024-02/0009	504.470	8.61000	43.435	461.035
17	H-94-2024-02/0009	505.180	8.41000	42.486	462.694
18	H-94-2024-02/0009	500.890	8.40000	42.075	458.815
19	H-94-2024-02/0009	490.840	8.58000	42.114	448.726
20	H-94-2024-02/0009	512.870	8.53000	43.748	469.122
21	H-94-2024-02/0009	487.610	8.52000	41.544	446.066
22	H-94-2024-02/0009	263.060	8.47000	22.281	240.779
Totals		10,758.960	8.50315	914.851	9,844.109



Lot by lot weight and moisture results as below:

LOT H0008 in Hold 5

SUB LOT	CLIENT REFERENCE N.	WMT	MOISTURE		DMT
			(%)	(MT)	
1	H-94-2024-02/0008	510.970	7.95000	40.622	470.348
2	H-94-2024-02/0008	487.580	8.43000	41.103	446.477
3	H-94-2024-02/0008	507.430	8.66000	43.943	463.487
4	H-94-2024-02/0008	514.520	8.78000	45.175	469.345
5	H-94-2024-02/0008	486.450	8.74000	42.516	443.934
6	H-94-2024-02/0008	503.330	8.76000	44.092	459.238
7	H-94-2024-02/0008	482.640	8.76000	42.279	440.361
8	H-94-2024-02/0008	499.890	8.46000	42.291	457.599
9	H-94-2024-02/0008	518.050	8.40000	43.516	474.534
10	H-94-2024-02/0008	503.040	8.38000	42.155	460.885
11	H-94-2024-02/0008	497.250	8.87000	44.106	453.144
12	H-94-2024-02/0008	490.180	8.79000	43.087	447.093
13	H-94-2024-02/0008	510.220	8.68000	44.287	465.933
14	H-94-2024-02/0008	499.260	8.57000	42.787	456.473
15	H-94-2024-02/0008	502.620	8.62000	43.326	459.294
16	H-94-2024-02/0008	480.380	8.65000	41.553	438.827
17	H-94-2024-02/0008	516.100	8.67000	44.746	471.354
18	H-94-2024-02/0008	484.240	8.82000	42.710	441.530
19	H-94-2024-02/0008	518.320	8.45000	43.798	474.522
20	H-94-2024-02/0008	490.450	8.32000	40.805	449.645
21	H-94-2024-02/0008	505.190	8.30000	41.931	463.259
22	H-94-2024-02/0008	90.200	8.59000	7.748	82.452
Totals		10,598.310	8.57283	908.576	9,689.734

Witnessing Sample Preparation in TGM Lab Lot H0009

Final quality sample preparation is performed by TGM laboratory personnel, fully supervised by ALS Inspection.

The dried samples per lot were combined and placed in a cone homogenizer containing two ½ "diameter stainless steel balls for approx. 15 mins in order to mix and pulverize the material. This process is repeated for all lot samples.

At this stage, portions of all lot samples are taken in proportion to create composite samples for each consignment.

Each lot sample is then reentered into the cone homogenizer without the stainless-steel balls for a period of approx. 15 mins. The mixed material is subsequently reduced by riffle divider to approximately 2500g and screened over a 100-mesh sieve. Any oversize was finely ground until all passed the 100-mesh sieve. Final quality samples of approx. 250g each are then prepared by the increment division method. The final samples were all placed inside aluminium sample bags, hermetically heat sealed and further enveloped into properly labelled sample envelopes.



Total 8 sets each composite per lot samples were prepared and distributed as per the client's original instructions.

Witnessing Sample Preparation in TGM Lab Lot H0008

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The dried samples per lot were combined and placed in a cone homogenizer containing two ½ "diameter stainless steel balls for approx. 15 mins in order to mix and pulverize the material. This process is repeated for all lot samples.

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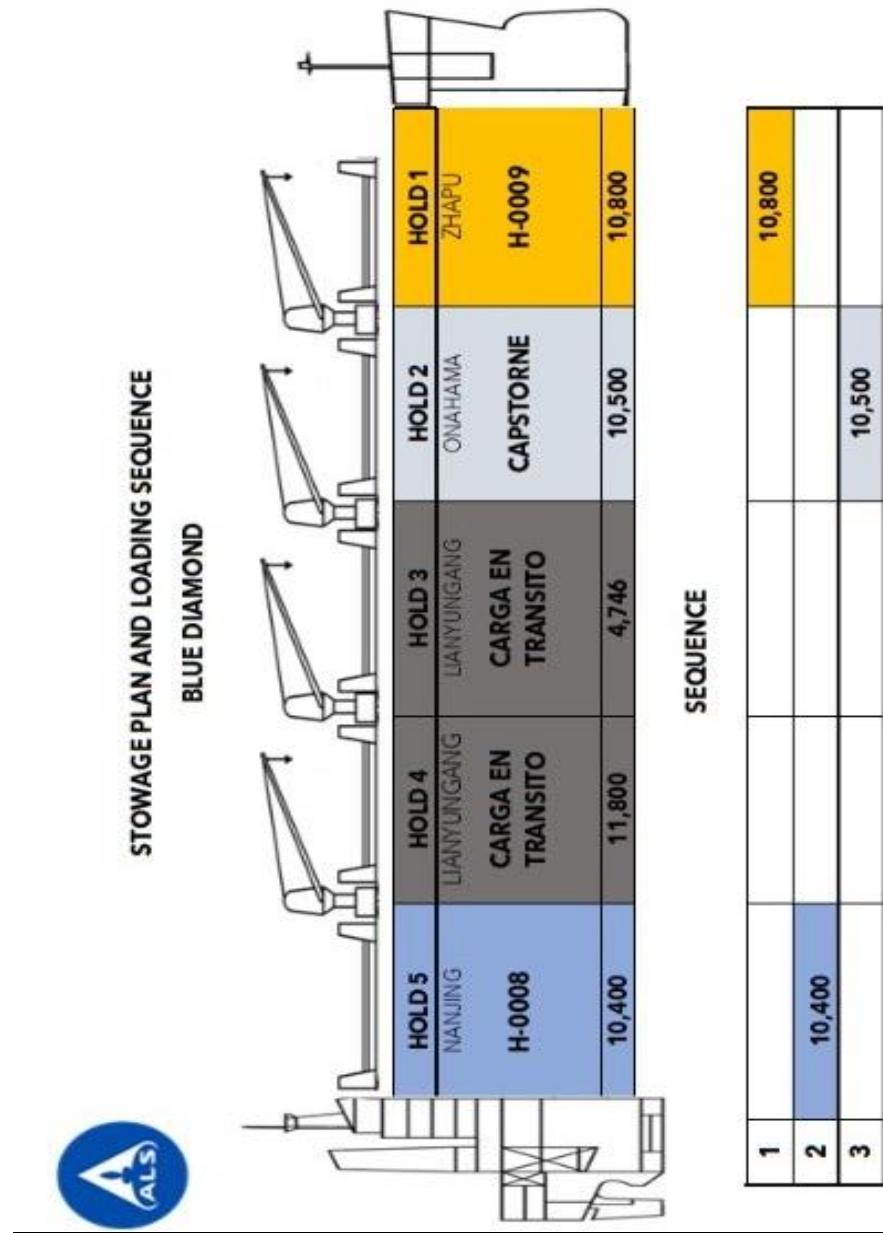
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Cargo Sequence Plan:



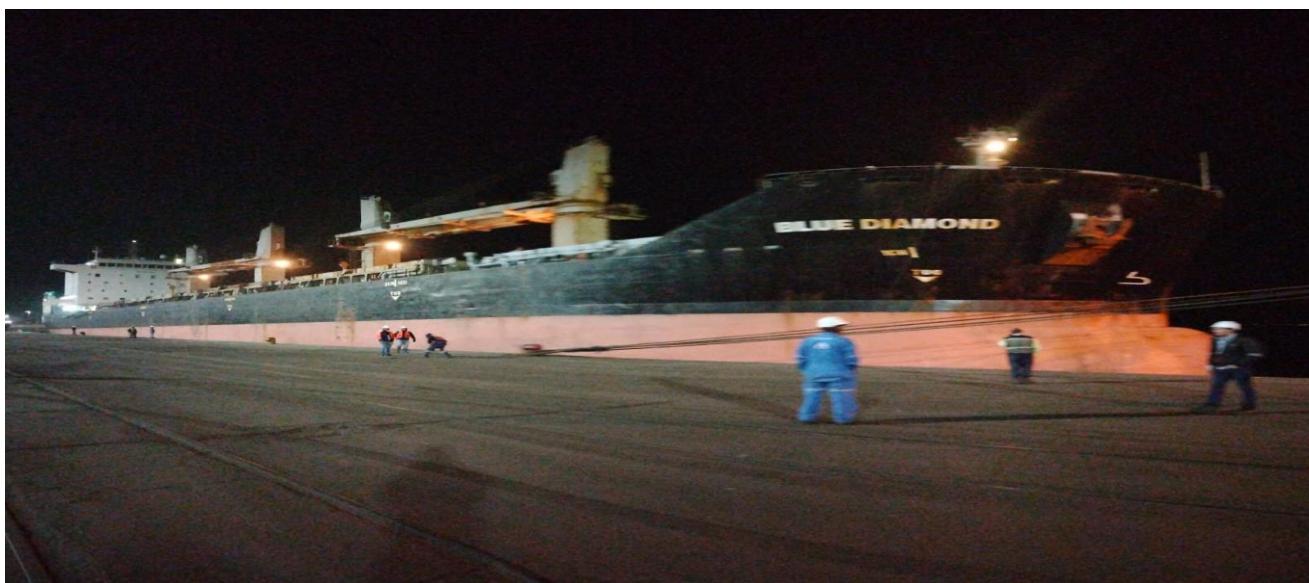


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Loading of the Vessel

Vessel's Particulars

Flag & Register Port	LIBERIA,MONROVIA
Owners	KING OF HEARTS NAVIGATION LTD
Year Built	2008
NRT	18,070
GRT	32,578
Type of ship	BULK CARRIER



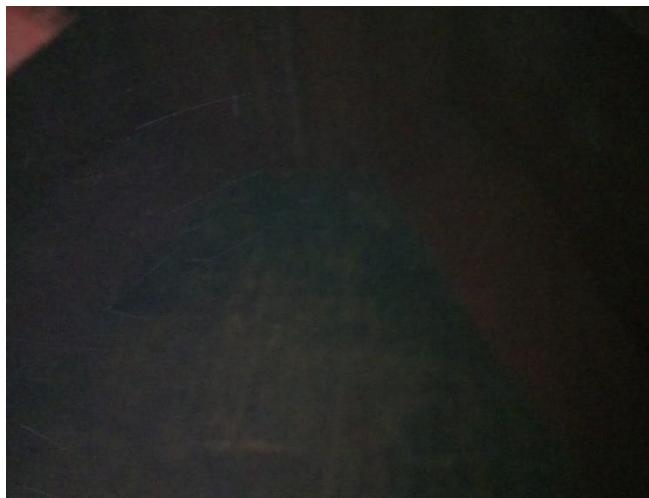


Hold and Hatch condition.

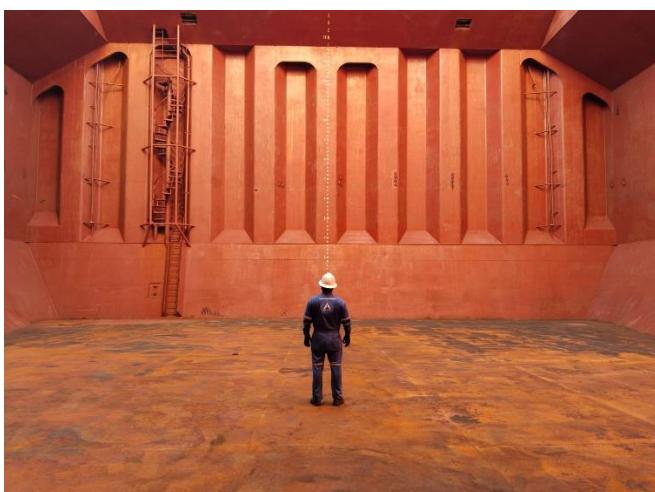
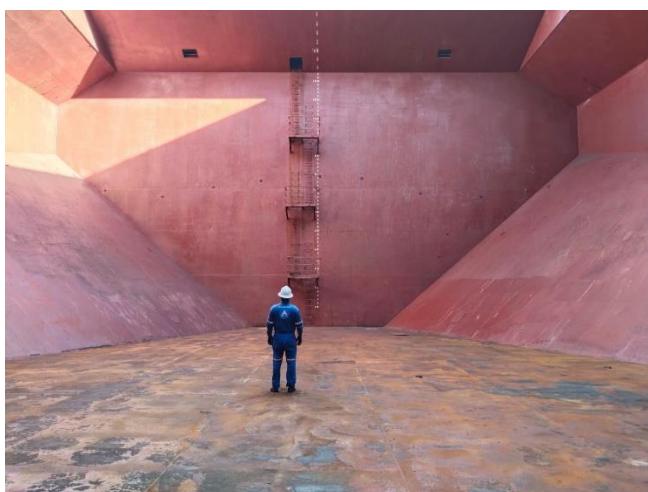
Our representative's surveyor, jointly with the shipper's surveyor, were inspected Holds Nr. **01 & 05** before loading:

HOLDS N°. 01 & 05	GOOD	FAIR	POOR
Hatch covers	✓		
Hatch coatings	✓		
Rubber packing, draining holes	✓		
Acting cleats, compression bars	✓		
Non return valves	✓		
Hydraulic Systems	✓		
Forward and aft bulkhead	✓		
Side/shell plating (port and stb)	✓		
Frames, brackets and bracket connection	✓		
Tank top plating	✓		
Hopper tank plating	✓		
Ventilation, void spaces	✓		
Bilges, suctions	✓		
Air vents Sounding pipes	✓		
Cleaning Condition	✓		
Observation: Cargo holds Nr. 01 & 05 were found dry, clean, and suitable to receive cargo.			

Visual Hold Inspection #1 Lot H0009



Visual Hold Inspection #5 Lot H0008



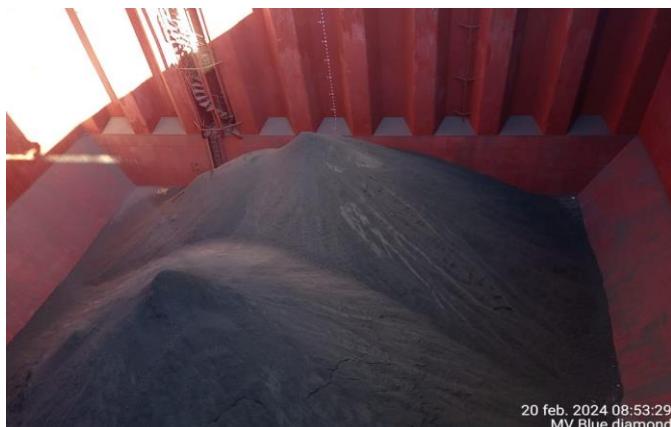


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Our surveyor also visited the designated stockpile during the loading operations to verify that there was no mixing of material.

The material was grey in colour and consisted of fines in one stockpile.

Hold #1 Lot H0009



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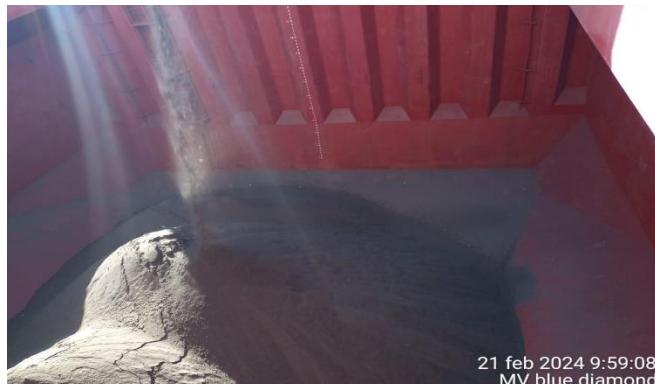


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Our surveyor also visited the designated stockpile during the loading operations to verify that there was no mixing of material.

The material was grey in colour and consisted of fines in one stockpile.

Hold #5 Lot H0008





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Our surveyor also visited the vessel to perform the sealing of Hold #5 after the completion of trimming the cargo.

The material was found well-trimmed.

Hold #5 lot H-0008



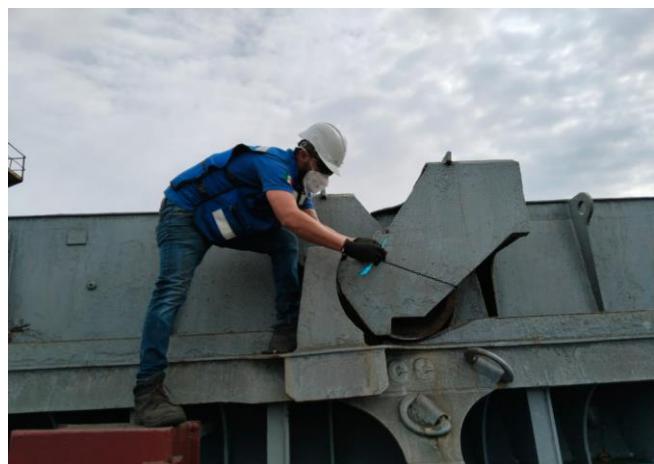
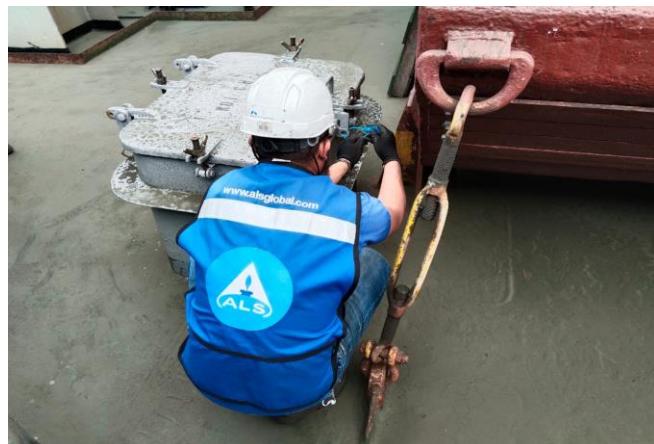
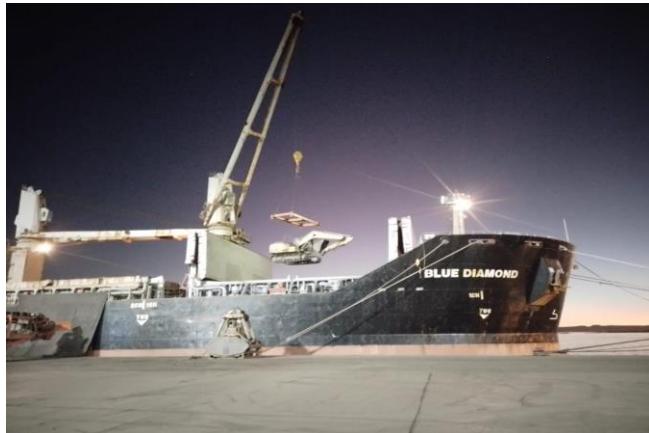


right solutions.
right partner.

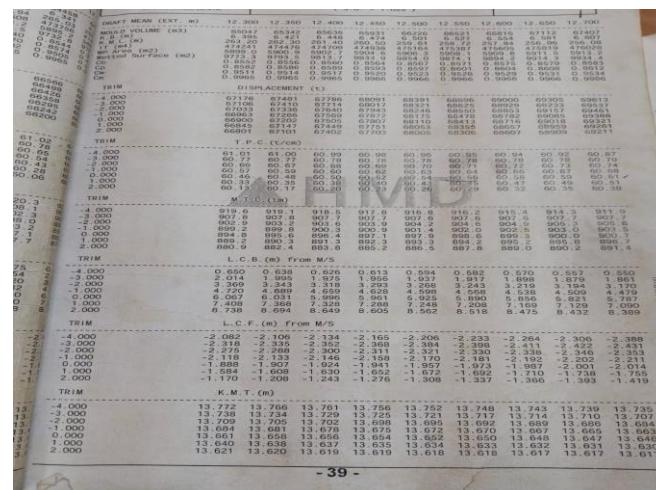
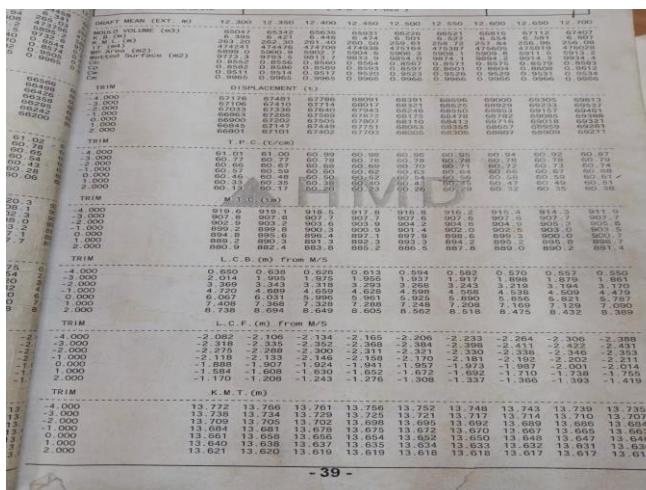
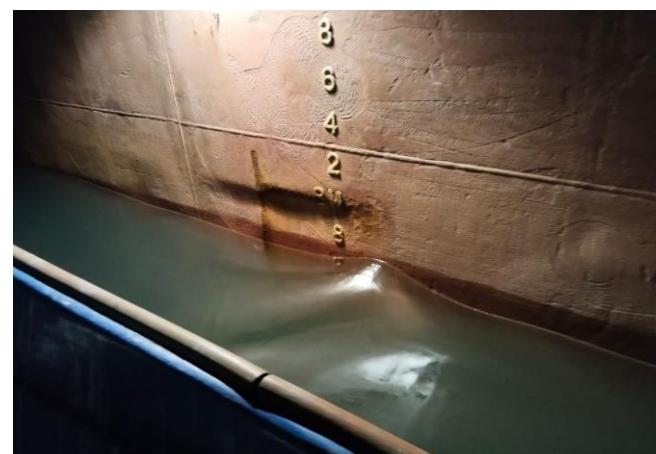
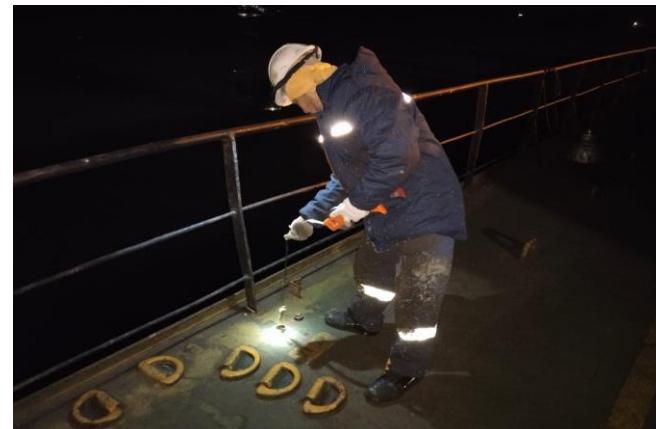
Our surveyor also visited the vessel to perform the sealing of Hold #1 after the completion of trimming the cargo.

The material was found well-trimmed.

Hold #1 lot H-0009



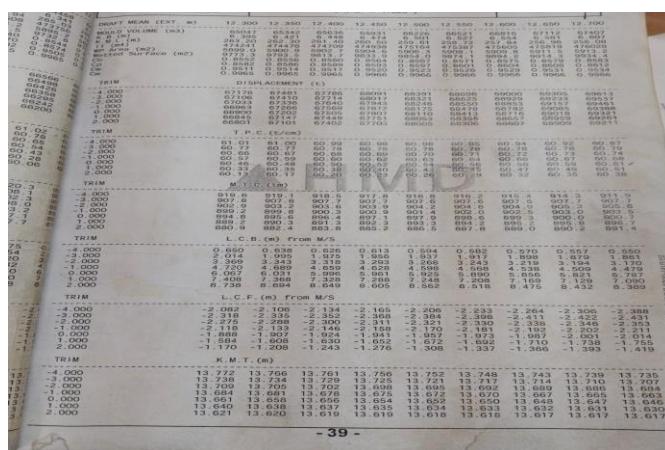
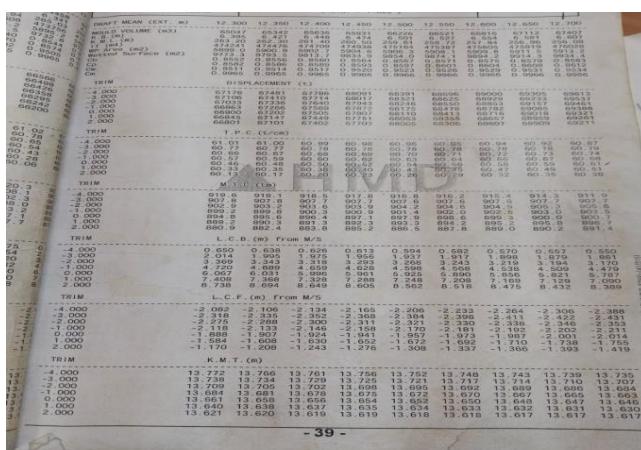
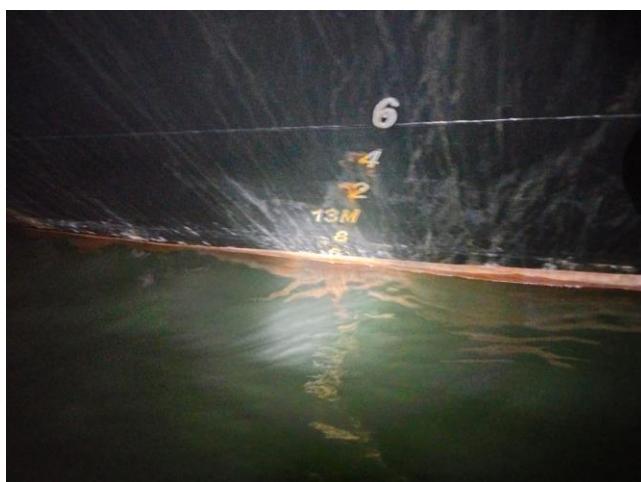
Draft Survey Figures Lot H0009	Hold Nr.01
Wet Metric Tons (WMT)	10,724.771





right solutions.
right partner.

Draft Survey Figures Lot H0008	Hold Nr.05
Wet Metric Tons (WMT)	10,349.423



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right solutions.
right partner.

Hold Seals Numbers:

SEAL'S	PRODUCT	STOWAGE SHIP HOLD'S
04713	Cooper Concentrate	Hold #1 Stardboard Side
04714	Cooper Concentrate	Hatch Hold #1 Fwd Side
04715	Cooper Concentrate	Hatch Hold #1 Aft Side
04716	Cooper Concentrate	Hold #5 Stardboard Side
04717	Cooper Concentrate	Hatch Hold #5 Fwd Side
04718	Cooper Concentrate	Hatch Hold #5 Aft Side



Dates and Times

Date	Time	Description
February 19 th , 2024	22:00	POB for berthing manoeuvres
	23:36	Vessel berthed at pier No. 4
	23:36	Port Authorities on Board
	23:55	Free Practique Granted
	23:55	ALS Surveyors on Board
	23:55 - 01:40	Initial Draft Survey Inspection of the Lot H-0009
February 20 th , 2024	00:45 - 00:55	visual inspection of Holds 1& 5
	01:45	Started loading operations of Lot H0009 Hold 1
	23:33	Completed loading operations for sequence of Lot H0009 Hold 1
	23:33 - 01:00	First partial Draft Survey Inspection of the lot H0009 Hold 1
February 21 st , 2024	01:25	Started loading operations of Lot H0008 Hold 5
February 22 nd , 2024	22:30	Completed loading operations for sequence of Lot H0008 Hold 5
	22:30 - 00:30	Final Draft Survey Inspection of the lot H0008 Hold 5
February 23 rd , 2024	12:00	Pilot on Board
	12:35	Vessel Unberthed
March 20 th , 2024	PM	ETA ONAHAMA, JAPAN

The above report reflects our findings at the time and place of the inspection only and does not refer to any other matters.

The inspection has been performed to the best of our knowledge and ability within the scope of the instructions we have received and in accordance with accepted international standards. This report does not relieve buyers and sellers from their contractual obligations.

For and on Behalf of ALS Inspection Mexico S. de R. L. de C.V.


Mario Castillo - Operations Manager