



Arica - Iquique - Antofagasta - Valparaíso - Santiago - San Antonio - Talcahuano - Puerto Montt - Punta Arenas

# Draught Survey Certificate

Report Nr. **ANF-2605-1881** Date issued **May 30, 2026**  
 Port of survey **Punta Padrones Caldera, Chile**  
 Ship's name **Buna Arrow**  
 Type of Cargo **Copper Concentrate** Cargo loaded **31238.98 WMT**

|                         |                            | INITIAL DRAFT   |         | May.23,2026 (09:15 Hrs -10:15 Hrs)  |          |
|-------------------------|----------------------------|-----------------|---------|-------------------------------------|----------|
|                         | Aft                        | Mid             | Ford    | L.Ship                              |          |
| Port                    | 9.9900                     | 8.3800          | 6.7200  | LBP                                 | 9418.00  |
| Starboard               | 9.9900                     | 8.3600          | 6.7100  |                                     | 185.79   |
| Mean                    | 9.9900                     | 8.3700          | 6.7150  | Tpc                                 | 54.160   |
| Cor'n to Perpendicular  | 0.2137                     | -0.0095         | -0.0399 | Lcf (-Ford)                         | -0.410   |
| Draught                 | 10.2037                    | 8.3605          | 6.6751  | Trim                                | 3.5286   |
| 3/4 Mean Draught        | <b>Extreme</b>             | 8.3802          |         | Mct+                                | 687.32   |
| Disp @ 1.0250           |                            | 41926.03        |         | Mct-                                | 650.25   |
| Trim Correction A       |                            | -42.17          |         |                                     |          |
| Trim Correction B       |                            | 124.22          |         | IFO & DO                            | 1299.40  |
| Corrected Displacement  |                            | 42008.08        |         | Fresh & DW                          | 180.00   |
| Density of Dock Water   |                            | 1.0250          |         | Ballast                             | 10396.50 |
| Displacement @ Density  |                            | 42008.08        |         | Other                               | 0.00     |
| Variables               |                            | 11875.90        |         | Total                               | 11875.90 |
| Nett Displacement       |                            | 30132.18        |         |                                     |          |
|                         |                            | FINAL DRAFT     |         | May 30, 2026 (02:20 Hrs -03:40 Hrs) |          |
|                         | Aft                        | Mid             | Ford    |                                     |          |
| Port                    | 12.3900                    | 12.2800         | 12.1500 |                                     |          |
| Starboard               | 12.4000                    | 12.2900         | 12.1600 |                                     |          |
| Mean                    | 12.3950                    | 12.2850         | 12.1550 | Tpc                                 | 57.290   |
| Cor'n to Perpendicular  | 0.0157                     | -0.0007         | -0.0029 | Lcf (-Ford)                         | 4.470    |
| Draught                 | 12.4107                    | 12.2843         | 12.1521 | Trim                                | 0.2586   |
| 3/4 Mean Draught        | <b>Extreme</b>             | 12.2836         |         | Mct+                                | 795.46   |
| Disp @ 1.0250           |                            | 63754.48        |         | Mct-                                | 781.43   |
| Trim Correction A       |                            | 35.64           |         |                                     |          |
| Trim Correction B       |                            | 0.25            |         | IFO & DO                            | 1282.10  |
| Corrected Displacement  |                            | 63790.37        |         | Fresh & DW                          | 170.00   |
| Density of Dock Water   |                            | 1.0250          |         | Ballast                             | 967.11   |
| Displacement @ Density  |                            | 63790.37        |         | Other                               | 0.00     |
| Variables               |                            | 2419.21         |         | Total                               | 2419.21  |
| Nett Displacement       |                            | 61371.16        |         |                                     |          |
| Cargo loaded            |                            | <b>31238.98</b> |         |                                     |          |
| Dist of Draught Marks   | Arrival                    | Departure       |         |                                     |          |
| From Aft Perpendicular  | 11.250                     | 11.250          |         |                                     |          |
| From Mid Perpendicular  | -0.500                     | -0.500          |         |                                     |          |
| From Ford Perpendicular | -2.100                     | -2.100          |         |                                     |          |
| Sea water densimeter    | AllaFrance, Serie # 310176 |                 |         |                                     |          |

+ Marks forward of perpendicular +ive  
 - Marks aft of perpendicular -ive

Remarks: At initial & Final Draught Survey There Were 0,50 mts Swell Abt



*(Handwritten signature)*



Mr Mauricio Lopez Briones  
 Draught Surveyor

Chief officer Mr. Han Lei  
 MV Buna Arrow

Revised by M. Lopez Approved by J. Lopez Form FT\_MAR4\_01 Versión 9 / Junio 1, 2020

In accepting this certificate it is agreed that the extent of the obligation of this Company with respect there to is limited to furnishing a surveyor believed to be competent, and in the making of this certificate the surveyor is acting impartially and to the best of his ability and no liability shall attach to the Company or the surveyor for the accuracy there off. Our responsibility can never exceed the amount of our fees.