

December 4, 2013

JX Nippon Mining & Metals Corporation

Completion of *KORYU* - The Copper Concentrate and Sulfuric Acid Carrier

Nippon Marine Co., Ltd. (head office: Shimbashi 5-chome, Minato-ku, Tokyo; president: Shinichi Igata; hereinafter “Nippon Marine”), a subsidiary of JX Nippon Mining & Metals Corporation (head office: Otemachi 2-chome, Chiyoda-ku, Tokyo; president: Yoshimasa Adachi; hereinafter “JX Nippon Mining & Metals”), had completed construction of a new copper concentrate and sulfuric acid carrier “*KORYU*”, and held a naming ceremony of the *KORYU* on December 3, 2013.

To raise the efficiency of transport related to the export of sulfuric acid from Japan to Chile and the import of copper concentrate from Chile to Japan, the JX Nippon Mining & Metals Group has employed a copper concentrate and sulfuric acid carrier, the *Mar Camino* which set sail in September 2010. Being followed by the *Mar Camino*, the *KORYU* was built. Launching the *KORYU* into service along with the *Mar Camino*, Nippon Marine plans to transport about 400,000 tons of copper concentrate annually from Chile to Pan Pacific Copper Co., Ltd.’s Saganoseki Smelter & Refinery, Hibi Kyodo Smelting Co., Ltd.’s Tamano Smelter, and LS-Nikko Copper Inc.’s Onsan Smelting Plant (South Korea), as well as transport about 240,000 tons of sulfuric acid annually from the Saganoseki Smelter & Refinery to Chile.

The Group plans to commence copper concentrate production at the Caserones Copper and Molybdenum Deposit in Chile, in 2014. We expect the ships will be able to help stably supply copper concentrate and sulfuric acid between Japan and Chile, to further raise the logistical efficiency of the copper business of the Group.

(Reference)

A. The *KORYU*

- (1) Gross Tonnage: 30,476
- (2) Deadweight Tonnage: 53,762
- (3) Cargo Hold Cubic Capacity:
 - Concentrate holds (5 hatches, 5 holds): 36,737 m³
 - Sulfuric acid tanks (6): 16,929 m³
- (4) Cargo Capacity: Copper concentrate: approximately 50,000 tons
Sulfuric acid: approximately 30,000 tons
- (5) Flag: Republic of the Marshall Islands

B. The *Mar Camino*

- (6) Gross Tonnage: 30,454
- (7) Deadweight Tonnage: 53,862
- (8) Cargo Hold Cubic Capacity:
 - Concentrate holds (5 hatches, 5 holds): 36,790 m³
 - Sulfuric acid tanks (6): 16,929 m³
- (9) Cargo Capacity: Copper concentrate: approximately 50,000 tons
Sulfuric acid: approximately 30,000 tons
- (10) Flag: Republic of the Marshall Islands

C. Nippon Marine Co., Ltd.

- (11) Head Office: 22-10, Shimbashi 5-chome, Minato-ku, Tokyo
105-0004, Japan
- (12) Shareholders: JX Nippon Mining & Metals Corporation: 98%
PPC Logistics Co., Ltd.: 2%
- (13) President: Shin-ichi Igata
- (14) Business Lines: Marine transportation and coastal services



The president Adachi (left) in front of the ***KORYU***



Naming ceremony of the ***KORYU***