

# TPS incorporates a new containerized copper transfer service

A new service at Terminal Pacífico Sur Valparaíso had its first call at site 1 of the concessionaire, where 10,500 tons of copper concentrate were shipped in 404 tippable containers.

With monthly calls expected, it will add a significant volume of cargo mobilized in the port of Valparaíso.

The copper concentrate transfer service at Terminal Pacífico Sur Valparaíso uses hermetically sealed flip containers, operated with a rotating spreader (RAM Revolver) on cranes that allow the container to rotate 360° to transfer the cargo inside the ship's hold. The flip container is the optimal way to carry out this type of transfer in the world, from the perspective of safety for people, the environment and efficiency in the process.

**Oliver Weinreich**, general manager of TPS, commented: *"At TPS, we have prepared ourselves for this transfer modality, which is currently the safest way to carry out the operation in the main ports of the world, and in this way, we can respond to the needs of trade. Chilean exterior, whose main exported product is copper, complementing the current transfer capacity that the terminal has with its other services"*.

The general manager of TPS added: *"This task was possible thanks to the collaborative work of different factors, beginning with the people from different organizations that work in TPS, but also closely aligned with the different local authorities, especially with the Maritime Authority that was present in the preparation of the task and also during the entire operation of the vessel. At TPS, we have a commitment to Chile's foreign trade, and this is a sample of the capacity of the Port of Valparaíso to serve different types of cargo in an efficient, coordinated, safe manner and concerned about the environment where we operate"*.



Copper concentrate in flip containers being loaded by rotating spreader Revolver at TPS Valparaíso.

The general manager of Puerto Valparaíso, **Franco Gandolfo**, pointed out that *"for us, as a port authority, the development of sustainable operations is a must, and it seems to us that the effort being made to handle these loads allows the port to remain competitive, supporting logistics chains and promoting foreign trade in the central area of the country. I think it is good news that reaffirms the importance of the port for the economic activities of Valparaíso"*.

Regarding the details of this operation, TPS explained it is the same as the one currently carried out by the terminal with other types of containerized cargo, but the difference is that once the container is taken from the stacking area it is taken to the ship, the gantry crane picks up the container to take it inside the warehouse and turns it 360° inside the warehouse, to then return it to the hermetically sealed dock. At the dock, it is positioned on a truck to pass through a vacuum station, which checks for possible remnants, after which the container is taken to the stacking area for subsequent dispatch.