

# Container vessel

8.900 TEU

In April 2021, after 5 years of operation, coated with a Selektope®-containing antifouling paint, the 8.900 TEU Container vessel went in for dry dock.

The hull was completely free of barnacles after operating in areas with high risk of biofouling.

## Fouling-free after 60 months

During operations, the vessel hull was protected by a coating solution containing the antifouling technology, Selektope®, providing exceptional power against barnacles, even at idling and low speeds in high water temperatures with excessive risk of fouling.

- **Type:**  
Container Vessel
- **Size:**  
8.900 TEU
- **Painted:**  
March, 2016
- **Painted with:**  
CMP, SEAFLO NEO CF PREMIUM
- **Route:**  
Asia - ANZ - US West Coast

## High performance during operation

In March 2016, the container vessel was coated with a copper free coating solution containing Selektope, supplied by Chugoku Marine Paints (CMP), SEAFLO NEO CF PREMIUM.

During the following 60 months, the vessel moved at an average speed of 17 knots worldwide with an average operation factor of 78%.

Even after operation in waters with high fouling pressure, with no cleaning, the vessel hull was free of barnacle during its drydock inspection. The performance degradation of the vessel was evaluated to be comparable to the in-service performance indicator of ISO 19030 (see figure). The vessel showed an impressive zero speed loss.

Because of the outstanding hull performance, this vessel was able to achieve 16.5% in fuel savings and reduce its emissions by 85,500 ton CO<sub>2</sub> compared to market average antifouling products in use over 60 months.

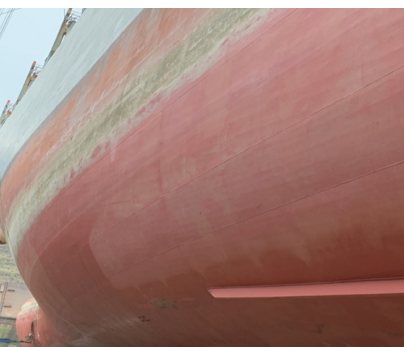


Image provided by CMP: Hull condition before cleaning after 60 months of operation.

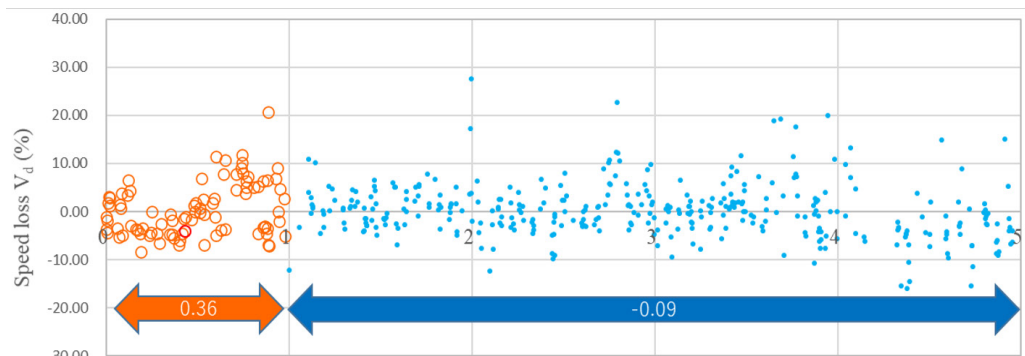


Figure: Speed loss evaluation of the container vessel over a 5 year period. (image provided by CMP)