

---

## JOINT NEWS RELEASE

---

10 May 2022

### **PSA & ONE Announce Successful Use of Reclaimed Refrigerant Gas from Reefer Containers, As Part of Greening Supply Chains**

Ports play a significant role in driving environmental stewardship for the first and last mile of any cargo's journey at sea. Similarly, shipping lines have an equally vital role in driving decarbonisation of the shipping ecosystem. With a common purpose for responsible maritime practices, PSA Corporation Ltd (PSA) and Ocean Network Express Pte. Ltd (ONE) have deepened their collaboration on sustainability initiatives by working together to recover and recycle refrigerant gas from refrigerated containers (reefers).

PSA is the first in Southeast Asia to commence trials on the use of reclaimed refrigerant gas for reefers, with ONE being the first shipping line to successfully complete the trials using their reefers with PSA. Recycling refrigerant gas effectively saves about 4,000kg of carbon emissions<sup>1</sup> per reefer, which is equivalent to the emissions from driving a normal internal combustion engine car for close to a year.

Refrigerant gas, or Hydrofluorocarbons, are potent greenhouse gases which contribute to global warming. As part of its drive towards building a sustainable supply chain, PSA initiated the use of reclaimed refrigerant gas released from the cooling systems of reefers. The refrigerant gas is recovered, cleaned, processed and certified before it is re-used and pumped back into the reefers. Last month, ONE validated the quality of the reclaimed refrigerant gas and will be PSA's first customer to use it for their reefer repairs in PSA moving forward.

Following the successful trials with ONE, PSA looks forward to extending this green initiative to other shipping lines and partners. To further support the industry's push towards sustainability, PSA will recover the commonly used refrigerant gas that is being released during the maintenance and repair works of reefers.

Mr Ong Kim Pong, Regional CEO Southeast Asia, PSA International, said, "Close collaboration with a shared purpose is key to achieving a resilient and sustainable global supply chain ecosystem. PSA is delighted to have ONE coming alongside us in our strive to minimise the environmental impact of our operations. With the strong and steadfast support of our customers and partners, PSA is one step closer in 'greening up' supply chains and shaping the future of Singapore as an innovative and sustainable global maritime hub."

---

<sup>1</sup> Assuming 3kg of R134a refrigerant gas per reefer.

Mr. Yasuki Iwai, Managing Director of Product and Network Division, Ocean Network Express, commented that the success of this trial is another important milestone in the strong partnership between PSA and ONE. He also adds that open collaboration with reliable partners is an important factor in the success of ONE's green strategy and as such, ONE will continue with the best practice and strive to establish a collaborative community ecosystem to better support the growth of a sustainable maritime supply chain.

<End of Release>

**Jointly Issued by PSA Corporation Ltd & Ocean Network Express Pte. Ltd**

## **Background**

### **About PSA Corporation Ltd (PSA)**

PSA Singapore operates the world's largest container transshipment hub in Singapore, handling 37.2 million TEUs of containers in 2021. With connections to 600 ports globally, shippers have access to daily sailings to every major port in the world, operating 24/7 all year round. Beyond port operations, PSA also offers cargo solutions to customers operating in advanced manufacturing, cold chain, e-commerce, and energy & chemicals. This value adding service is enabled by CALISTA™, a digital platform that facilitates trade and helps shippers to better manage their physical movement of goods, trade financing and compliance.

Visit us at [www.singaporepsa.com](http://www.singaporepsa.com)

*\*Note to Editors: PSA ceased using the name of "Port of Singapore Authority" in 1997 when it became a corporatised entity. The company should be referred to as "PSA Corporation Ltd", "PSA Singapore" or simply "PSA".*

### **About Ocean Network Express Pte. Ltd (ONE)**

Ocean Network Express (ONE) was launched on April 1, 2018 with its headquarters based in Singapore. As of this press release, ONE is the sixth largest container shipping company in the world, operating more than 220 ships at a total capacity of around 1.6 Million TEUs. ONE has its global business spanning across more than 120 countries. In FY2020, ONE completed nearly 12 Million TEUs in lifting. Meanwhile, ONE has been actively furthering its endeavours in environmental sustainability and digitalization in its business to fulfil ONE's social responsibilities and deliver maximum satisfaction to its customers. Magenta is its signature corporate colour, used on its ships and containers deployed all over the world. For more information, please visit us at <https://www.one-line.com>

*For media enquiries, please contact:*

#### **PSA Corporation Ltd**

Chong Shin Yen  
Corporate Branding & Commercial Division  
Email: [sychong@globalpsa.com](mailto:sychong@globalpsa.com)

#### **Ocean Network Express Pte. Ltd (ONE)**

Hisoka Ozawa  
Planning & Administration / Communication Team  
Email: [ghq.com@one-line.com](mailto:ghq.com@one-line.com)