

Annex B - Media Factsheet for Speech by Mr Chee Hong Tat, Senior Minister of State, Ministry of Transport and Ministry of Foreign Affairs, at the Singapore Maritime Foundation's New Year Conversations 2021

Crew Change

1. As at end-Dec 2020, Singapore has facilitated safe crew change under various circumstances for over 80,000 seafarers from 5,800 vessels that called the Port of Singapore since Mar 2020.

Intermodal Cargo Solution

1. The intermodal cargo solution between Batam and Singapore was rolled out in Jan 2021, following earlier trials.
2. High-value, time-sensitive cargoes such as electronic components manufactured in Batam are first transported by sea to PSA's Keppel Terminal, before being trucked to the Changi Airport, to be flown to other countries.
3. The solution enables companies to do same-day uplift and delivery of goods between Batam and Singapore. This helps with inventory management and enables just-in-time manufacturing for the companies' factories in Singapore and globally. Key industry players using this solution include BatamLogistics, DHL Express and Schneider Electric.
4. There are currently 2 return trips/day between Batam and Singapore, from Monday to Saturday. On average, the volumes handled are 10 tonnes/day from Batam to Singapore, and 7 tonnes/day from Singapore to Batam

digitalPORT@SG™ / digitalOCEANS™

1. **digitalPORT@SG™** is a one-stop digital platform for regulatory transactions that streamlines vessel, immigration and port health clearances across multiple agencies into a single application by consolidating 16 separate forms. As a result, the industry now saves up to 100,000 man-hours per year.
2. **In its next phase, digitalPORT@SG™** will be enhanced to become a single integrated digital platform for the industry to facilitate the booking of marine services from service providers. It will also provide Just-In-Time (JIT) service to facilitate direct berthing on arrivals and on-time departures to avoid or minimise waiting at anchorages as well as to enhance ship turnaround time. As with Phase 1, the shipping industry can look forward to significant time and cost savings.

3. The **digitalOCEANS™** strategy is its next step, which will foster port-to-port and system-to-system digital connectivity through the use of open or common data exchange standards. In July 2020, MPA signed a memorandum of understanding (MoU) with five international partners¹ to develop and adopt common data standards and Application Programming Interface (API) specifications, in order to facilitate data exchange for port and maritime services transactions.

Maritime start-ups

1. The government, together with industry, academia, and solution providers, aims to develop Singapore into the world's leading hub for maritime high-tech start-ups, building on our strengths in both technology and maritime.
2. **PIER71**, or Port Innovation Ecosystem Reimagined at BLOCK71, was launched in Jun 2018 by MPA and NUS Enterprise, the entrepreneurial arm of the National University of Singapore (NUS). It was the first industry-wide technology acceleration programme for the port and maritime industry.
3. PIER71 comprises three components:
 - a. **Smart Port Challenge (SPC)** – an annual innovation competition to source for global tech start-ups to reimagine solutions for industry challenges;
 - b. **PIER71 Accelerate** – a 6-week market and product acceleration phase for selected start-ups to gain access to mentors, domain experts, investors and corporates, through workshops, masterclasses, and industry engagement platforms; and
 - c. **Ecosystem building** – to build a community of start-ups through learning events, provision of resources, and access to landing pad services and networks for scaling up in Singapore and regional markets.
4. The fourth edition of the annual SPC was held in 2020, and attracted 187 proposals from start-ups from over 30 countries, addressing challenge statements identified by the industry. 16 start-ups were shortlisted for the PIER71 accelerate programme and are eligible for a funding of up to \$50,000 to pursue pilot projects with industry partners. The top 3 winners – BeeX, FUELSAVE and Vulcan AI, were also awarded cash prizes.

¹ These partners are CargoSmart (solution provider for the Global Shipping Business Network), GTD Solutions (representing TradeLens), GeTS and PSA International (jointly representing CALISTA), and the Port of Rotterdam Authority.

5. In addition to the PIER71 programme, MPA also partners horizontal agencies such as Enterprise Singapore (ESG), and global partners to cultivate maritime technology start-ups.
6. In Jun 2020, SEEDS Capital, the investment arm of ESG, together with MPA, appointed six co-investment partners who committed a combined S\$50 million of investments to support maritime technology start-ups. The partners include Innoport, KSL Maritime Ventures, PSA unboXed, Rainmaking, ShipsFocus-Quest Ventures and TecPier.