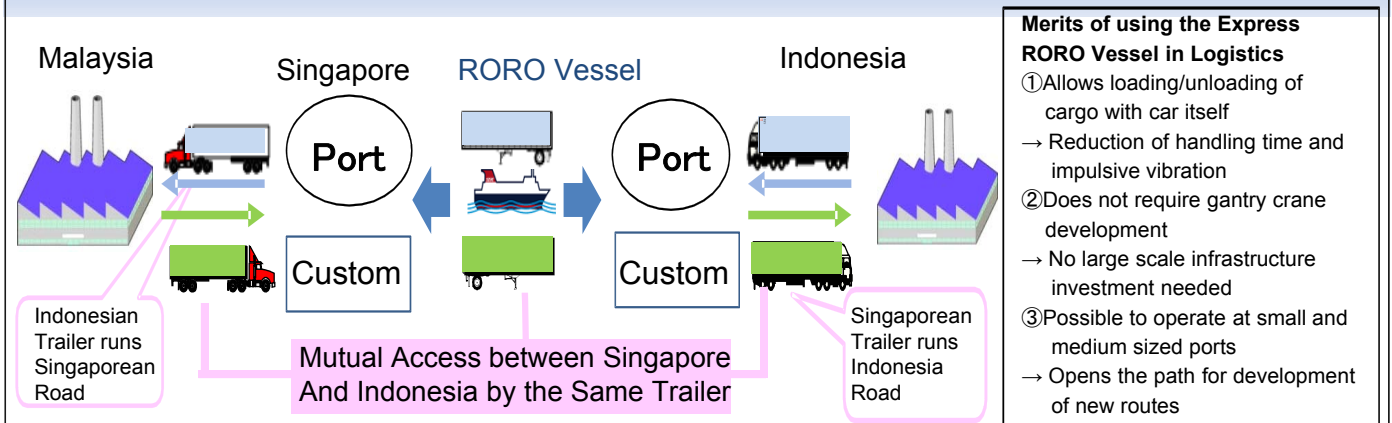


Sea-Land Intermodal Transportation through Use of Express RORO Vessel

Overview

To promote the connectivity within ASEAN region, We are Conducting the Pilot Project for Sea-Land Intermodal Transportation by Using the Express RORO Vessel that Make the Efficient and Fast Transports Possible. By Analyzing the Effects and Issues Related to Introduction of this Transport service, We Seek to Propose the Improvements and Harmonization Points Related to Business Environment of this Service. This Transportation Pilot Project Type is the First Case For ASEAN Ocean Marine International Trading.

The Sample Model of Sea-Land Intermodal Transportation Pilot Project Using Express RORO Vessel



Our Efforts for this FY

The pilot project on RORO Vessel between Singapore and Indonesia
(Objective: Analyze the Impacts and Issues of the Project, and Pursue the Trial Transportation)



Coordination with ASEAN countries



Strengthen the SCM in ASEAN Region Utilizing High Quality Logistics Service



What is RORO Vessel?
ROLL-ON/ROLL-OFF (RORO) Vessel that allows loading/unloading of cargo with the trailer or truck from /to the pier

<Comparison of RORO Vessel And Other Transportation Mode>

	Cost	Lead Time	CO2
Air	10	3	10
Container Vessel	1	10	1
RORO	3	4	1

The cost is cheaper than Air transport and the speed is faster than Container vessel.

Results of Trial Transportation by Mutual Access

Analyze the Effects and Issues of RORO Vessel Transport

➤ Feb 23 Depart Singapore Port → Feb 25 Arrive Jakarta Port
Feb 28 Delivery in Jakarta

Transportation of container cargos loaded onto the Singaporean trailers by RORO Vessel, and Delivery of container cargos to the warehouse in Jakarta by the Singaporean trailers

➤ Mar 18 Depart Jakarta Port → Mar 22 Arrive Singapore Port (via Port Kelang)
Mar 24 Delivery in Singapore

Transportation of container cargos loaded onto the Indonesian trailer by RORO Vessel, and Delivery of container cargos to the warehouse in Singapore by the Indonesian trailers



This trial transportation was realized by the positive understandings and supports from Ministry of Transport and Custom Authority etc. of Indonesia and Singapore

