



# Industry Blueprint – Container Shipping 3.1




**Digital Container Shipping Association  
(DCSA)**

November, 2021

# Level 1: Process description of the journey types



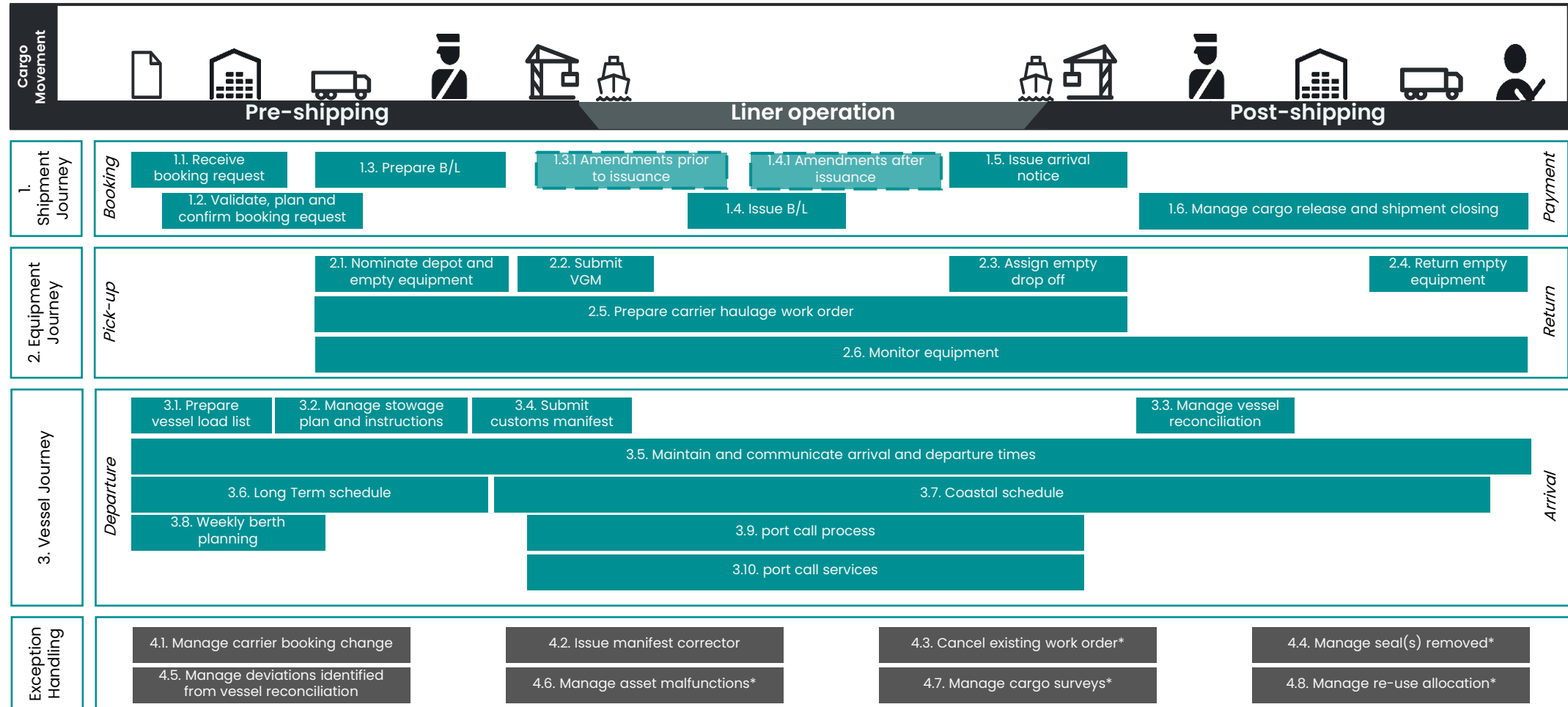
Definitions for Shipment Journey, Equipment Journey and Vessel Journey are included for the Carrier Booking-to-Container Return end-to-end process.

Cargo Movement		 Pre-shipping		 Liner operation		 Post-shipping		
1. Shipment Journey	Booking	<p>Booking-to-Payment covers all activities and documentation processes related to a customer's order</p> <ul style="list-style-type: none"><li>• Customer-driven processes (and/or triggered by the customer)</li><li>• Process executed in relation to an agreement made between the customer and the carrier, which is later invoiced and settled</li></ul>						Payment
2. Equipment Journey	Pick-up	<p>Pick-up-to-Return covers all activities and documentation processes directly related to containers and/or physical container movements</p> <ul style="list-style-type: none"><li>• Equipment-driven processes</li><li>• Carrier-driven processes</li></ul>						Return
3. Vessel Journey	Departure	<p>Departure-to-Arrival covers all activities and documentation processes related to one vessel AND the relevant port calls in relation to the transport of one shipment</p> <ul style="list-style-type: none"><li>• Activities required to execute a port call successfully</li><li>• Preparation of vessel arrival and follow-up post vessel departure</li><li>• <i>"During sea passage" is excluded from the scope of Industry Blueprint 3.0</i></li></ul>						Arrival

# Level 2: overview of activity maps



Level 1 (Carrier Booking-to-Container Return), Level 2 journeys (Booking-to-Payment, Pick-up-to-Return and Departure-to-Arrival) and Level 3 processes documented within the Industry Blueprint – Container Shipping 3.1 are listed below.



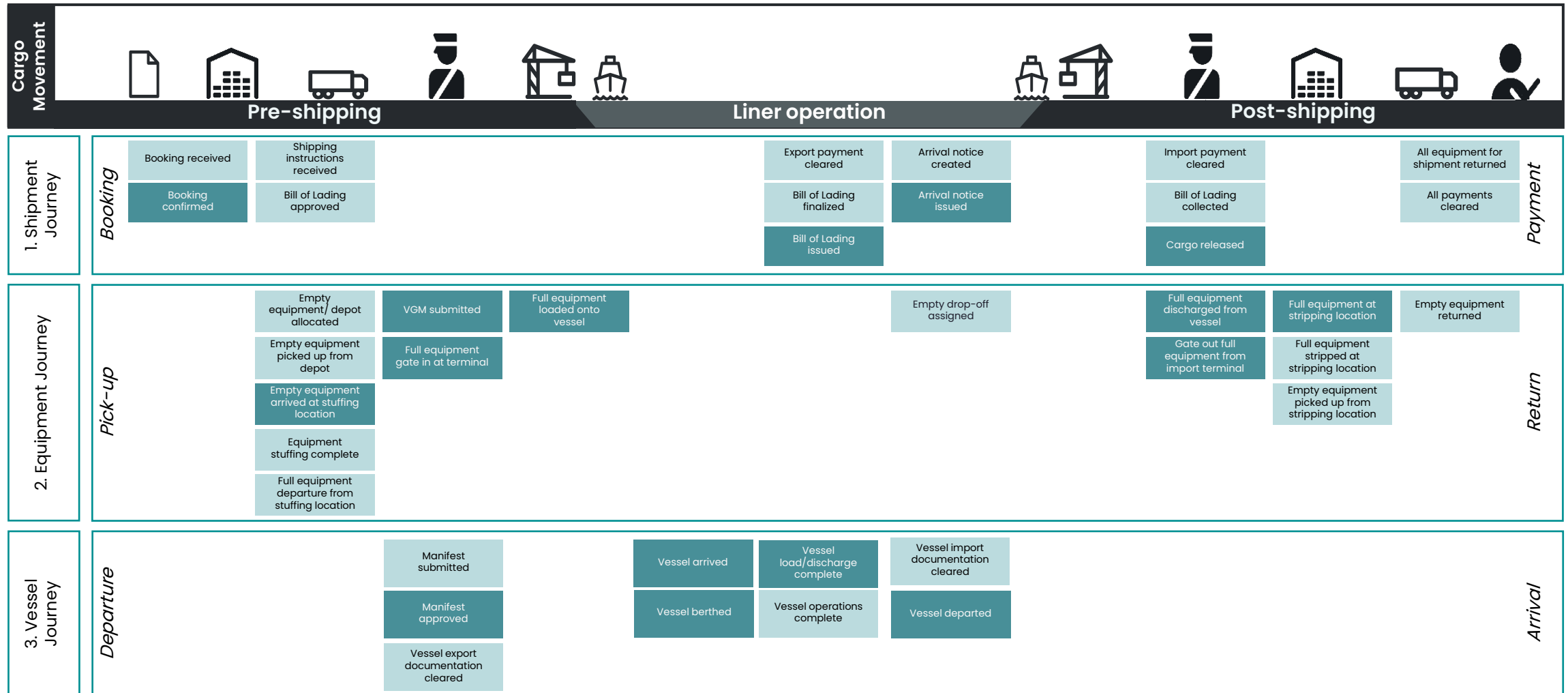
\* These processes have not been mapped on level 3 in the Industry Blueprint 3.0

Core process

Exception process (Not aligned with the "Cargo movement" diagram)

Optional process

# Milestone and events per journey



■ Milestone ■ Event

# Legal disclaimer



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1. Shipment Journey



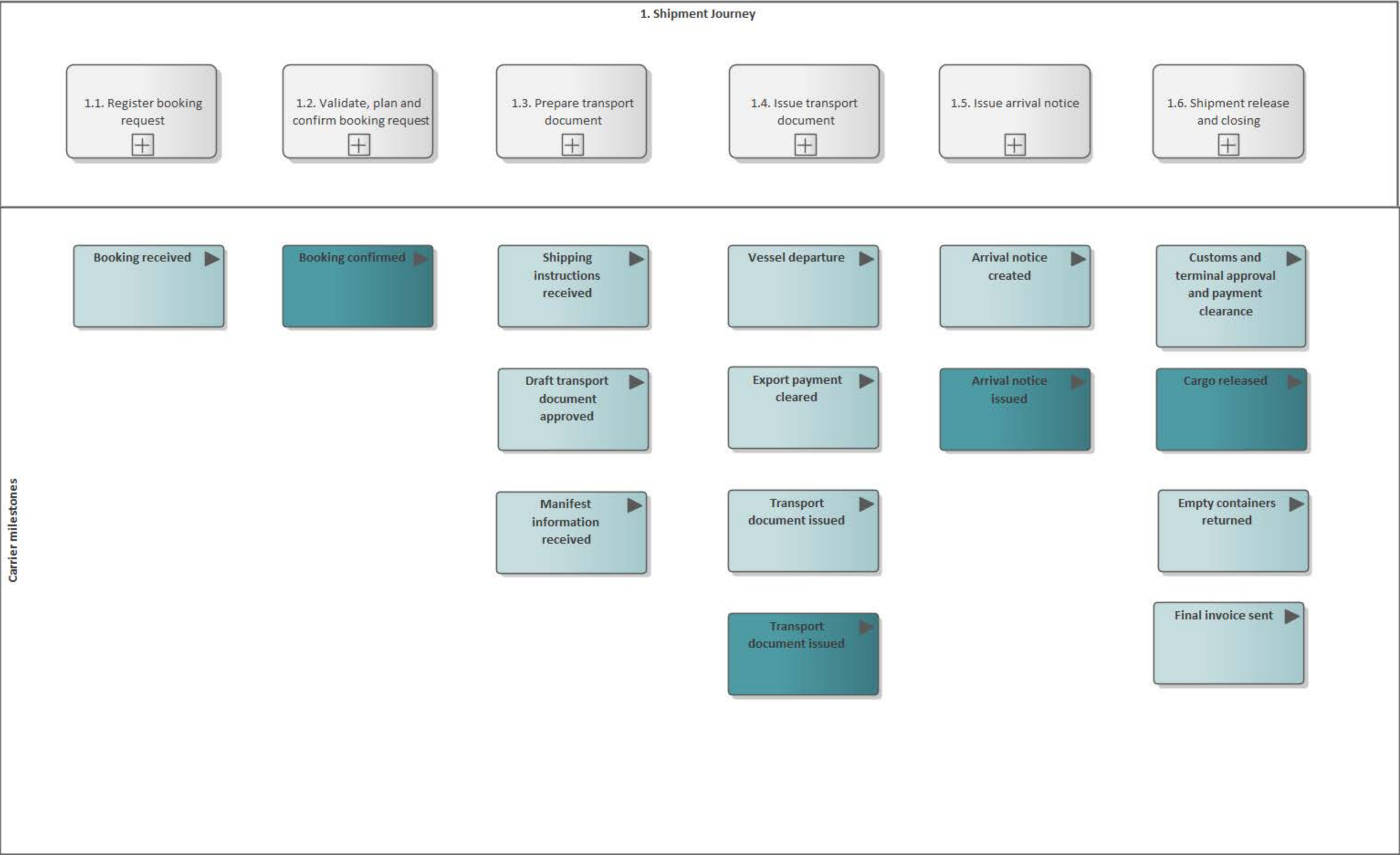
2. Equipment Journey



3. Vessel Journey



4. Exception Handling



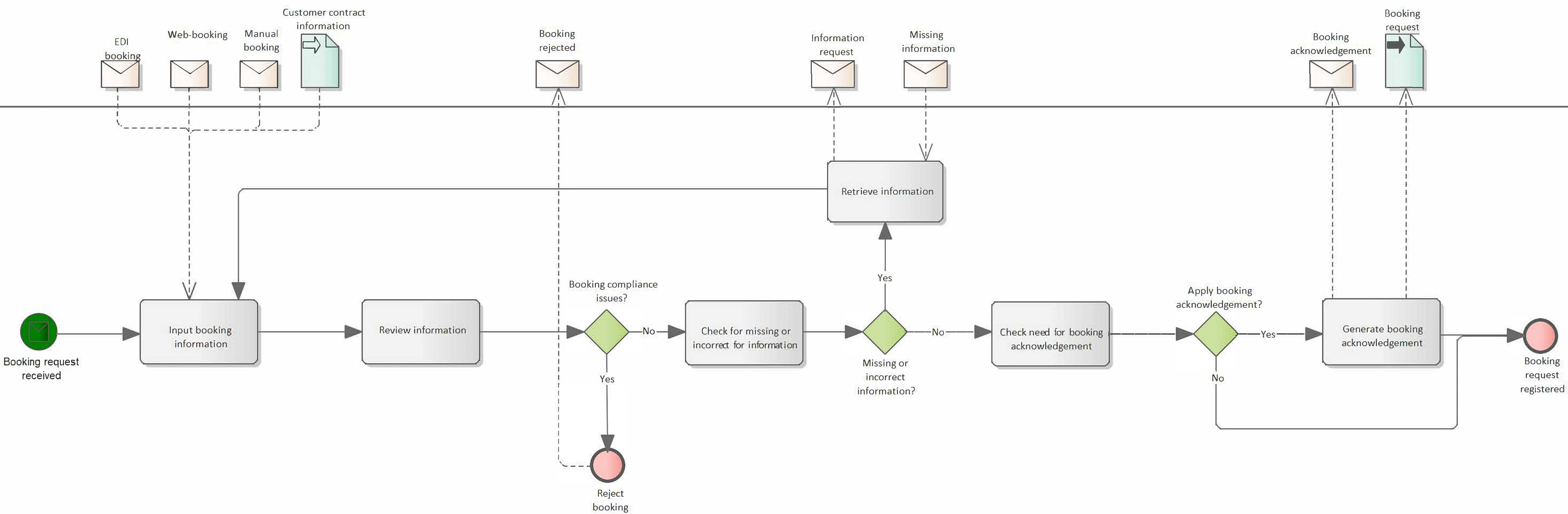


Inputs / Outputs

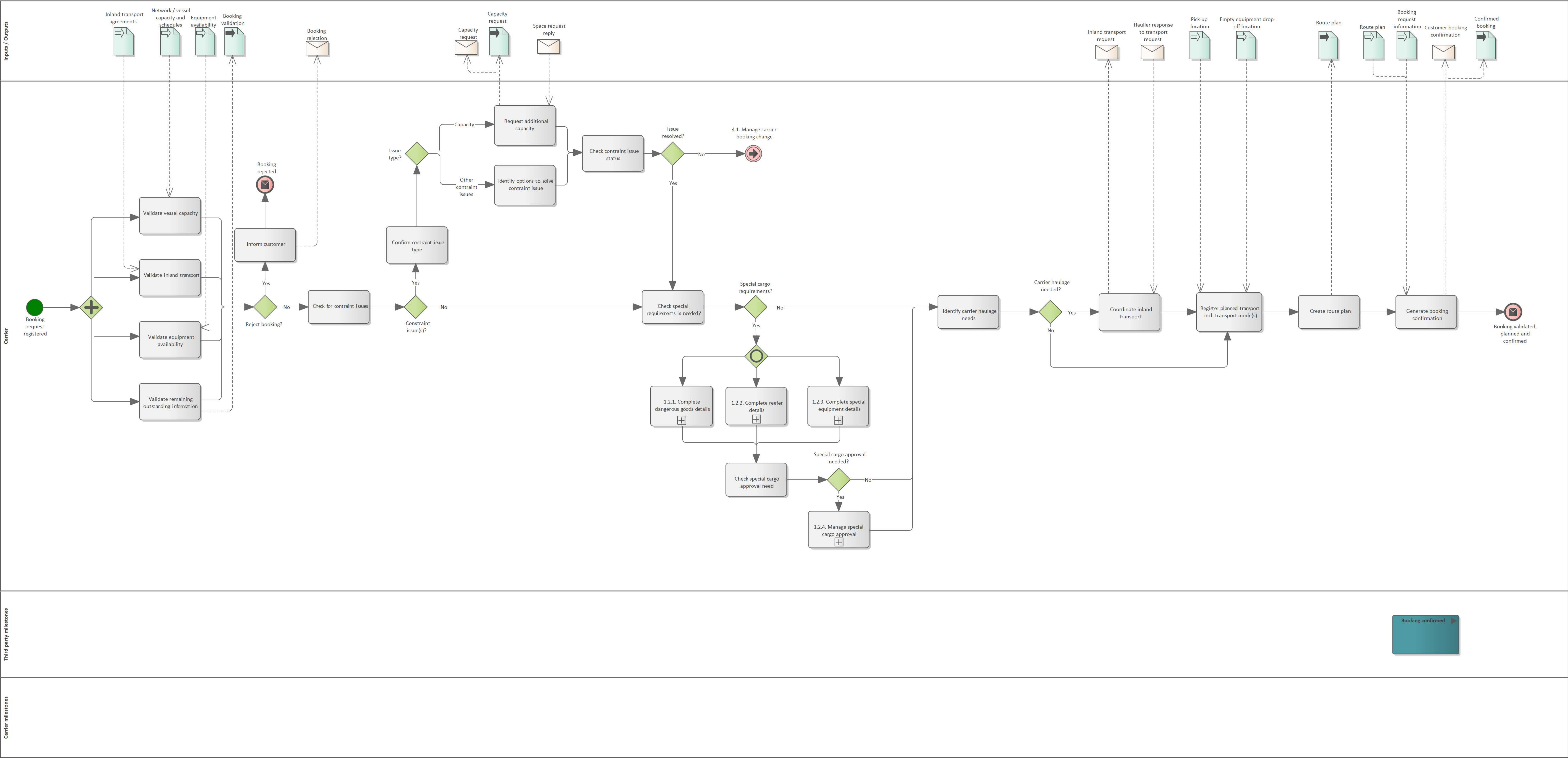
Carrier

Carrier milestones

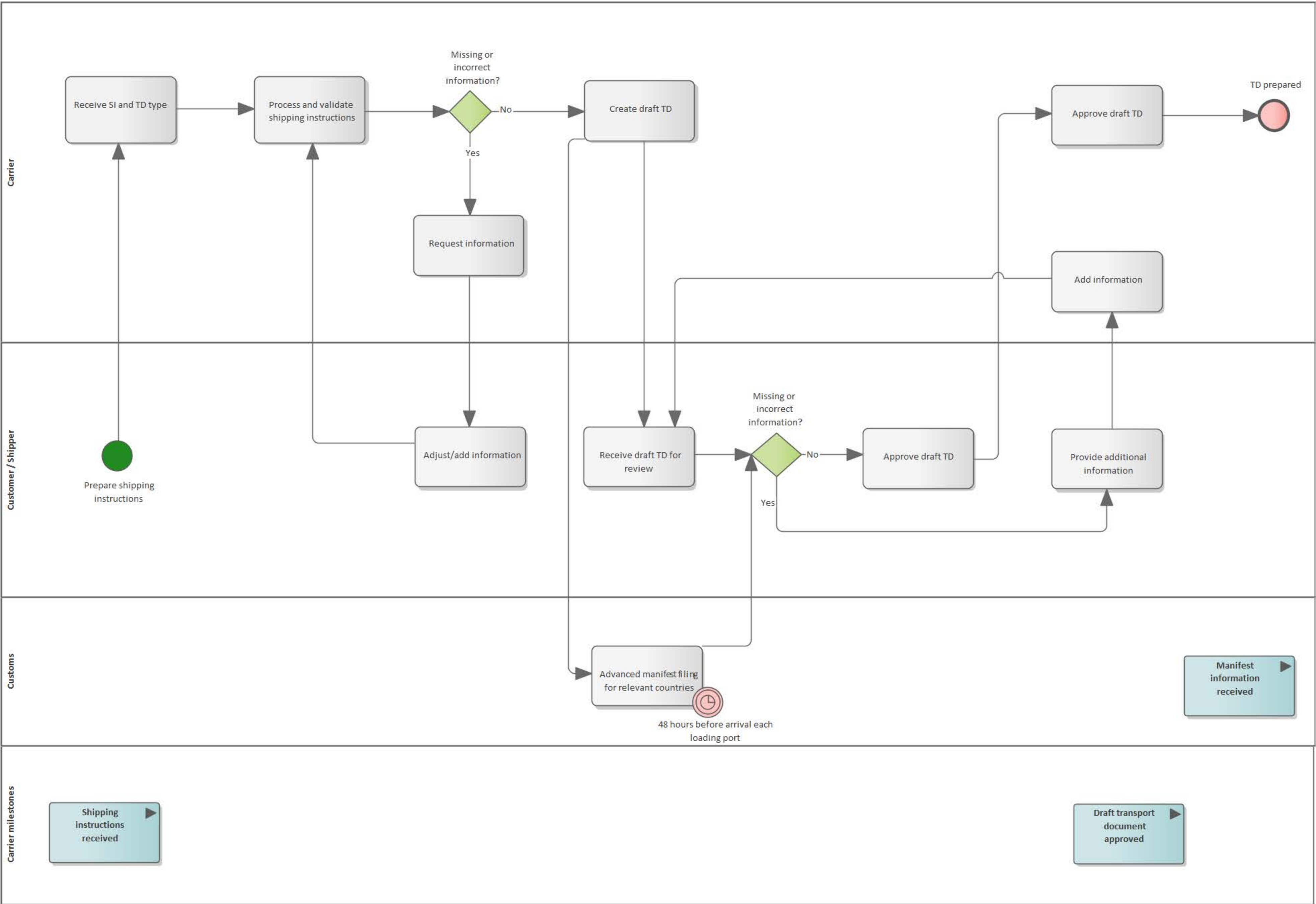
Third party milestones

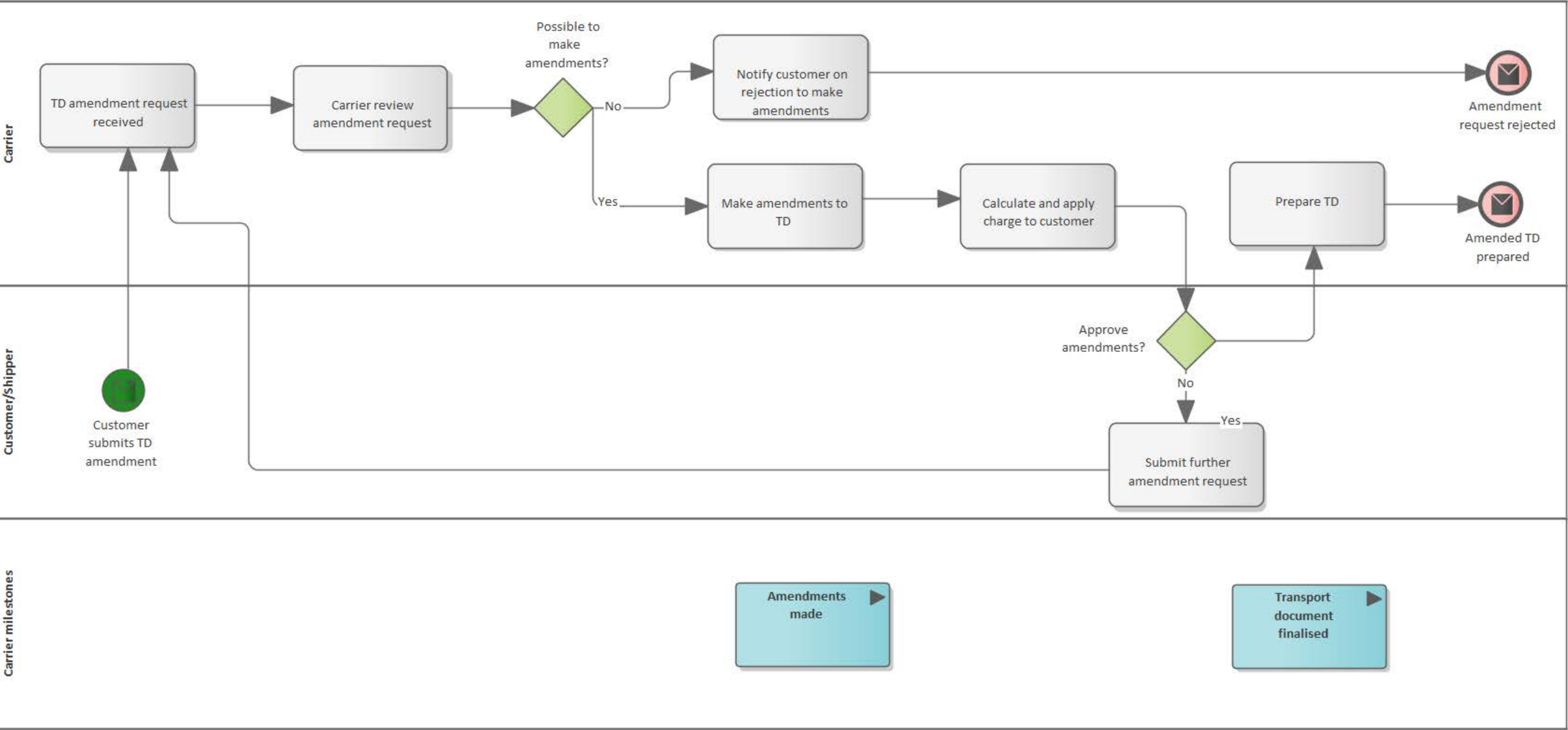


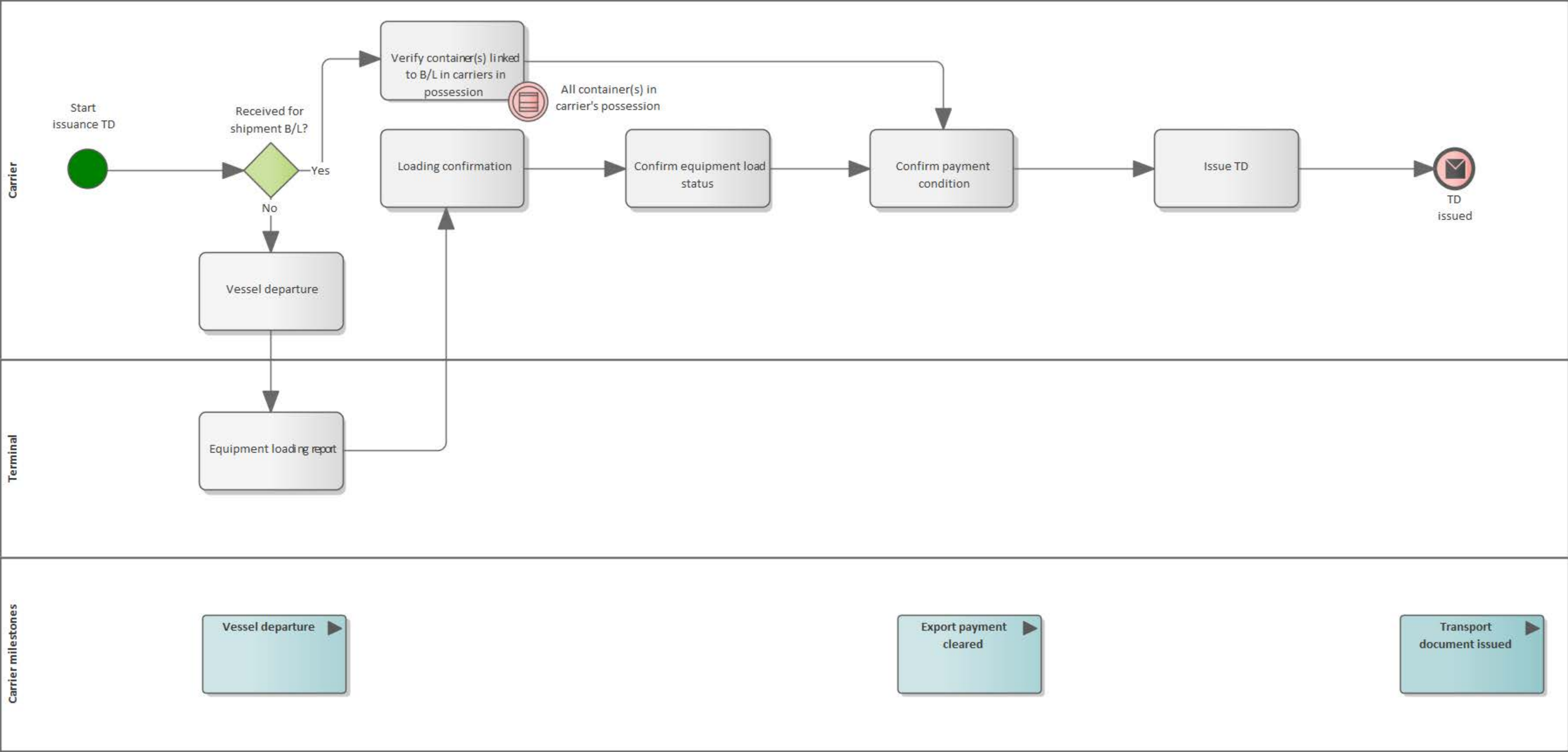


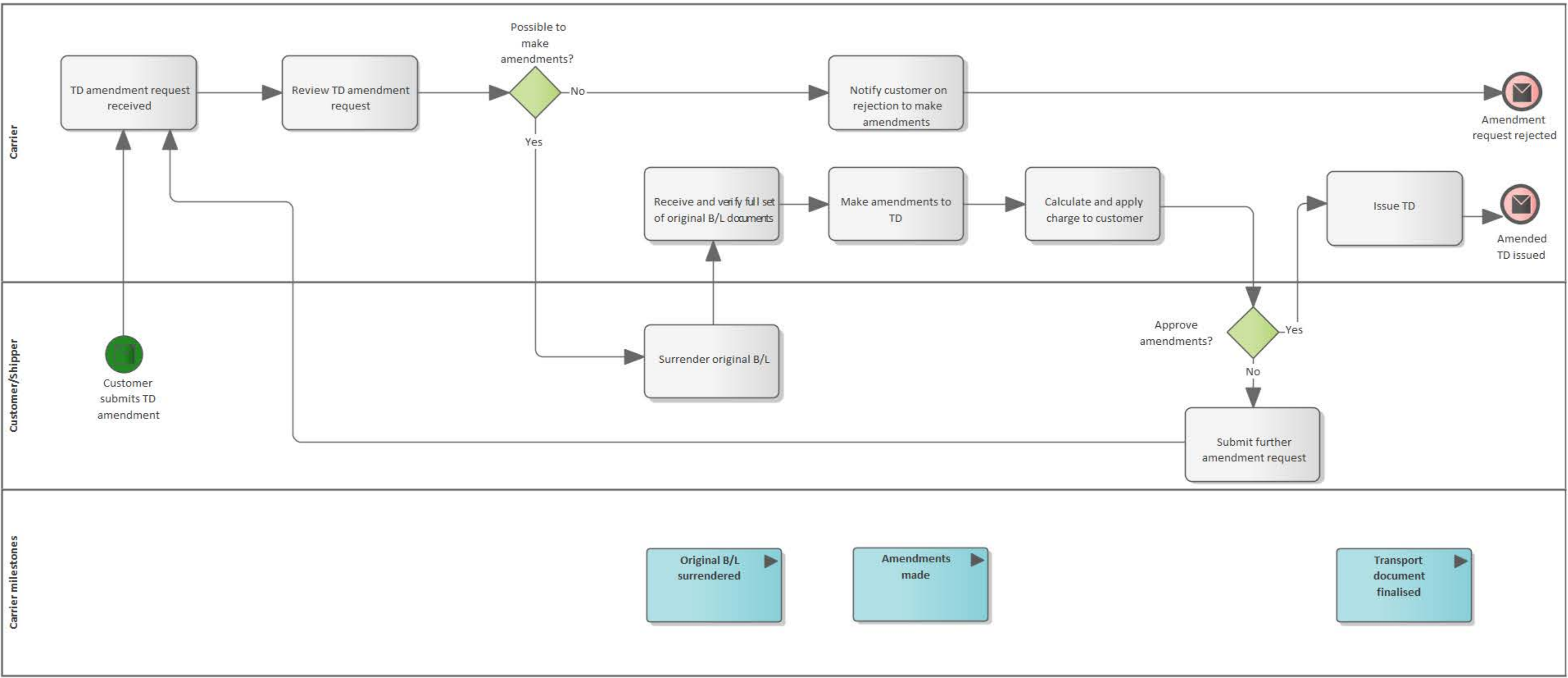


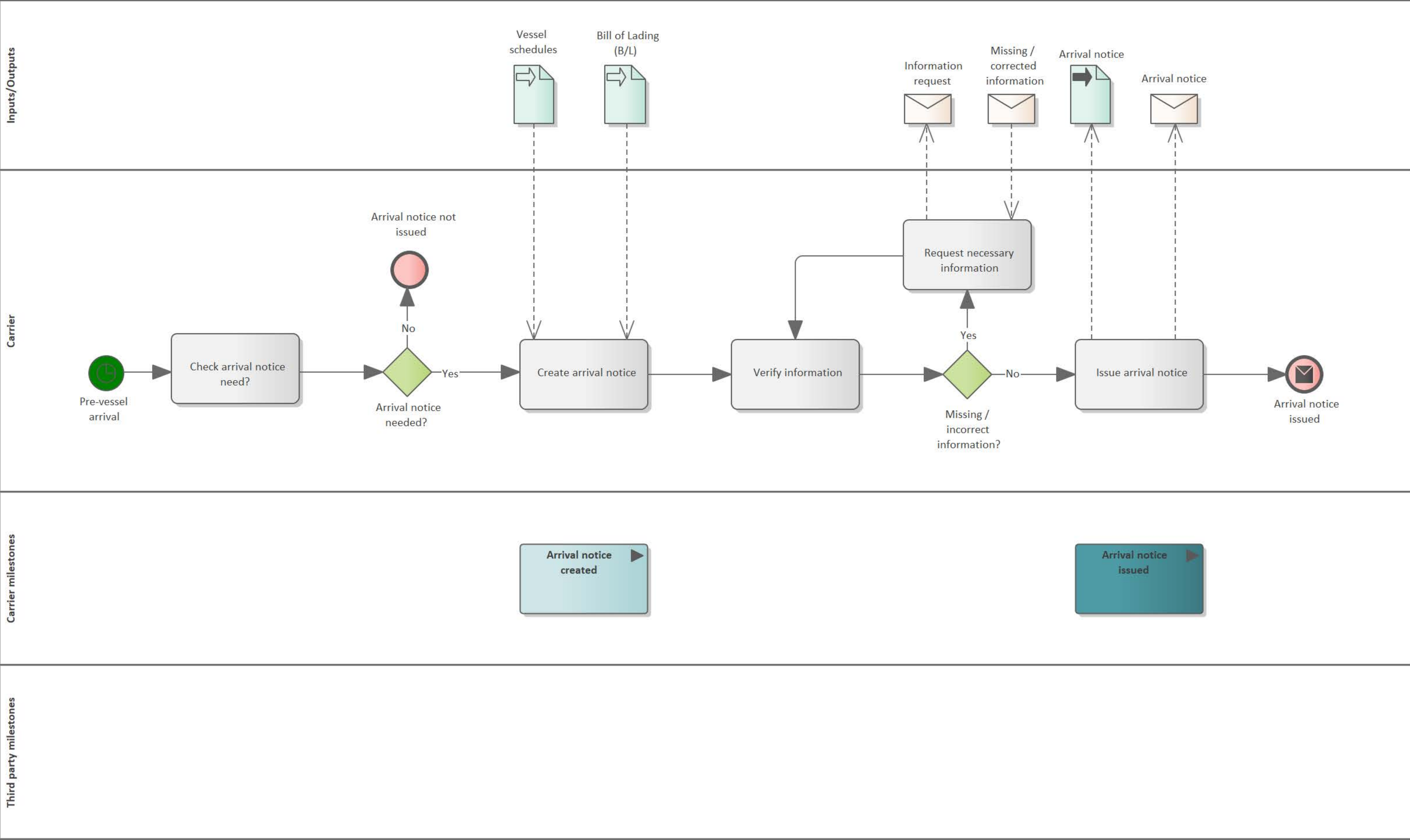




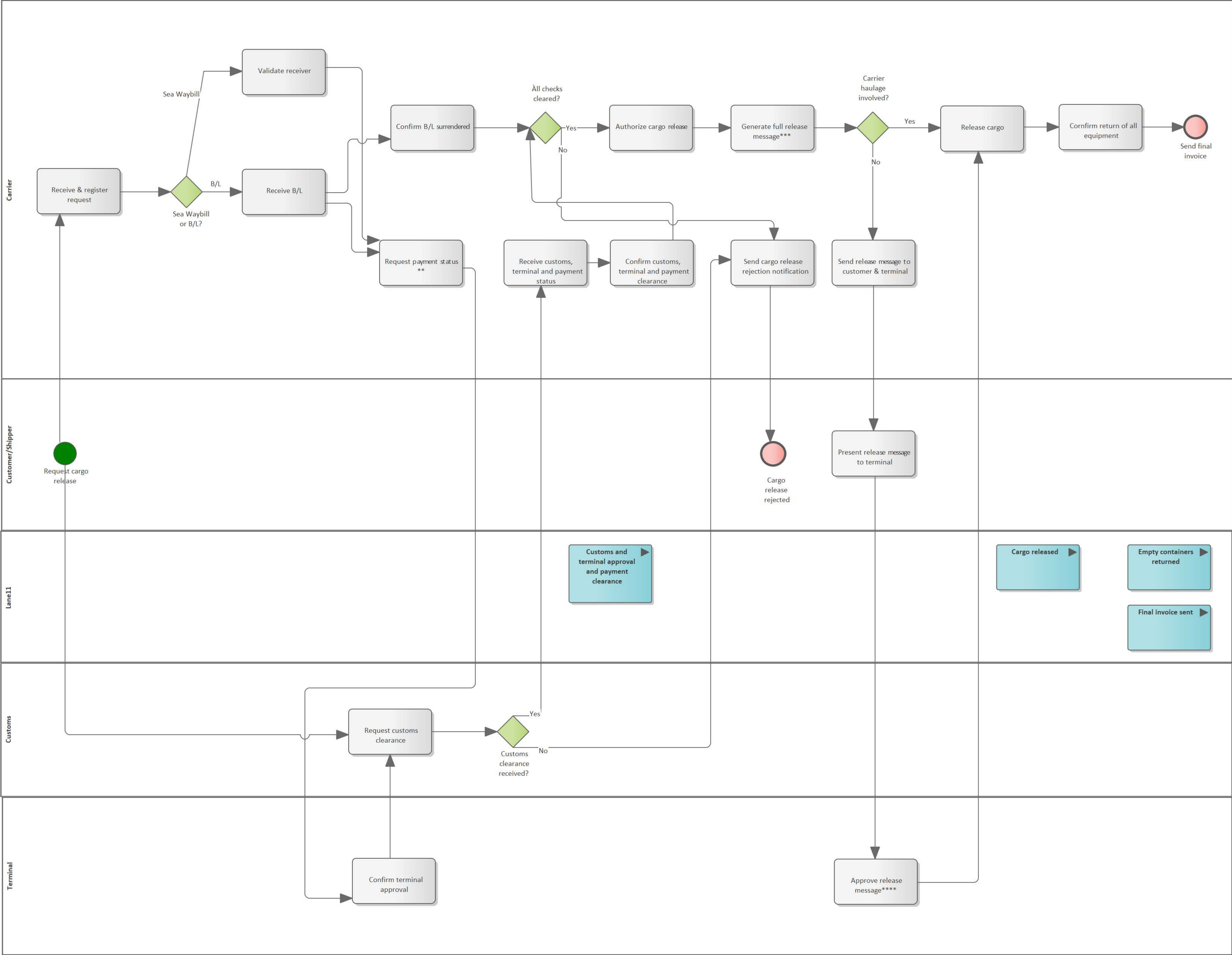


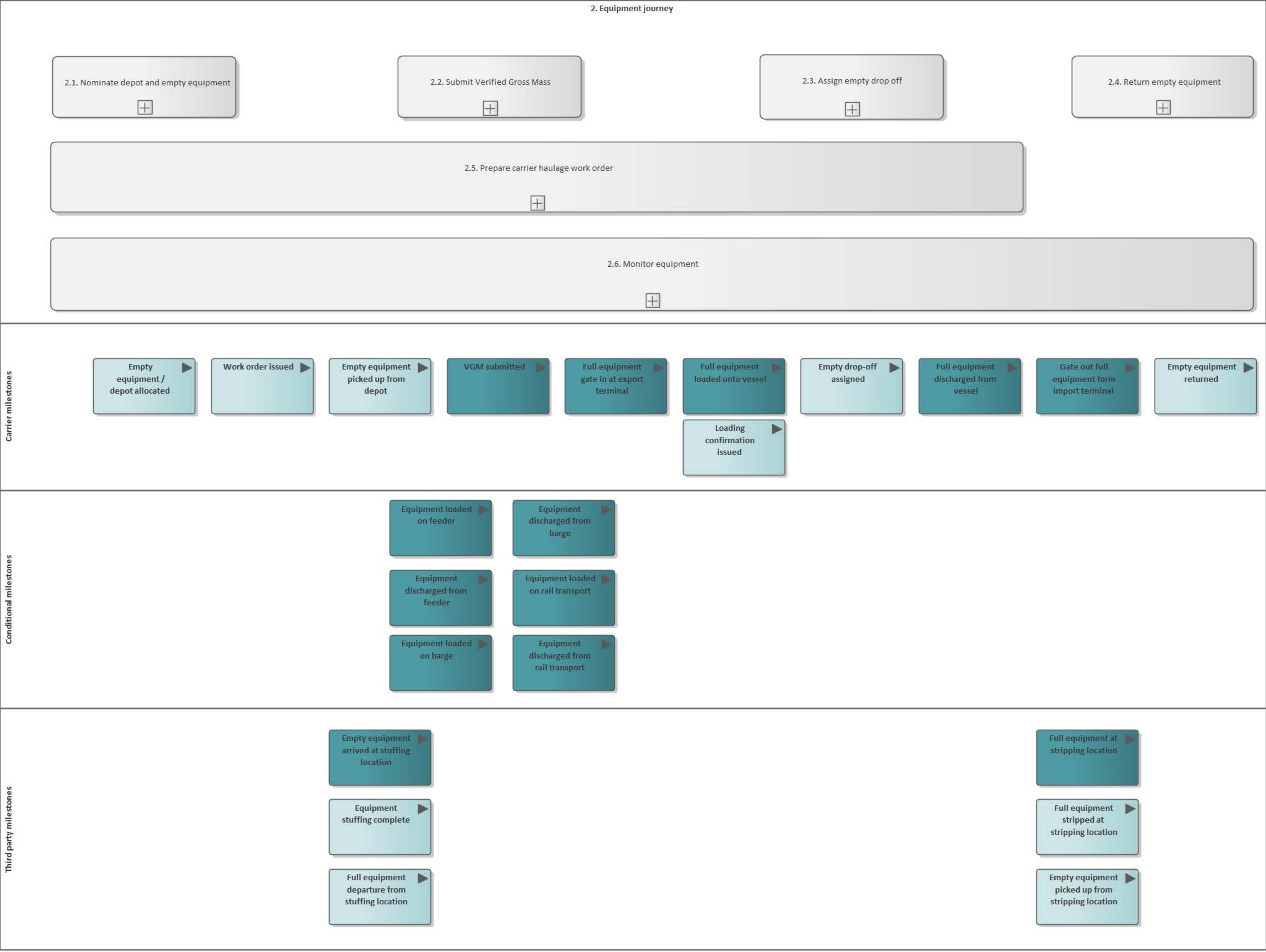




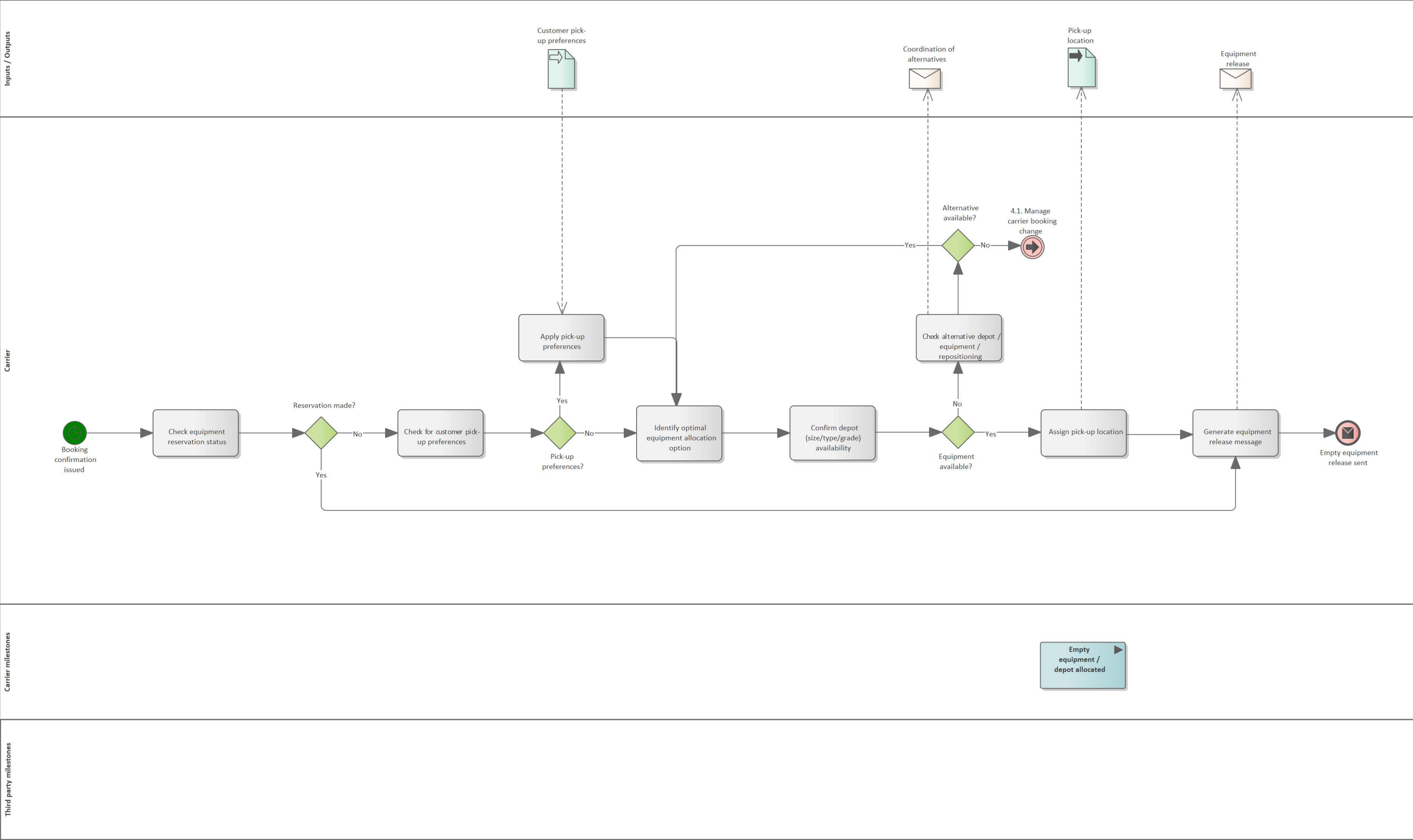










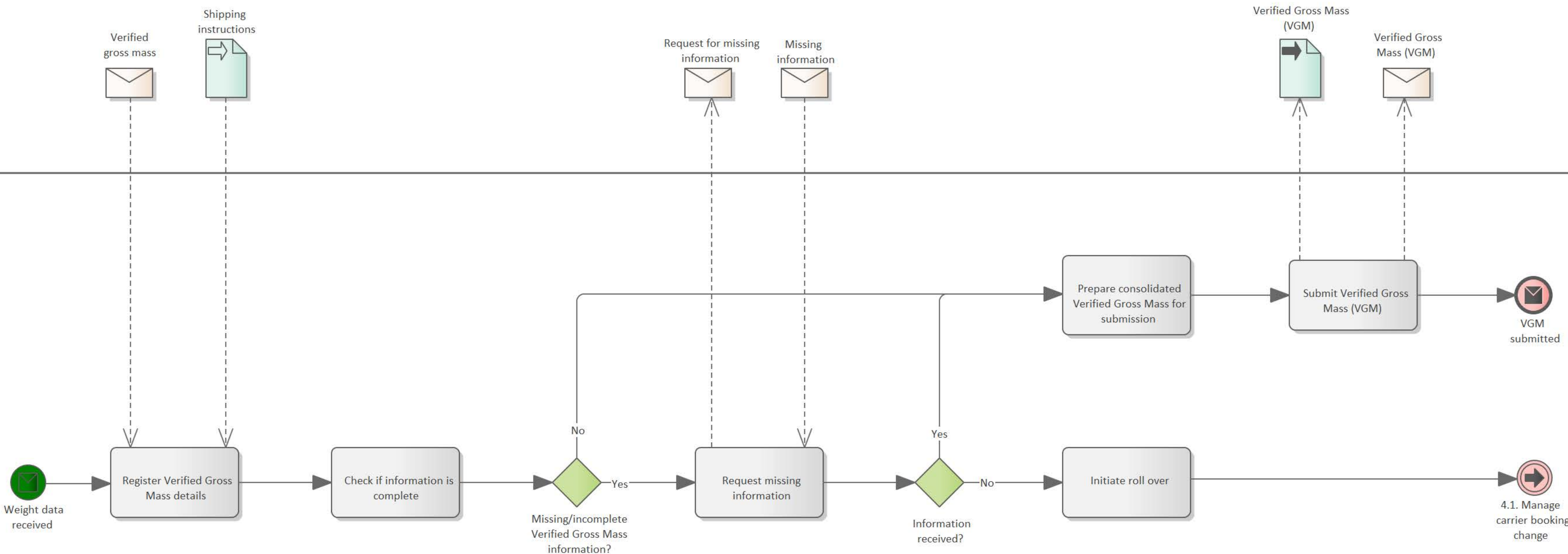


Inputs / Outputs

Carrier

Carrier milestones

Third party milestones



VGM submitted

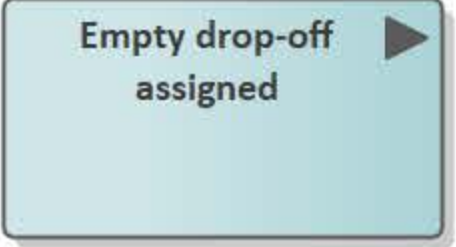
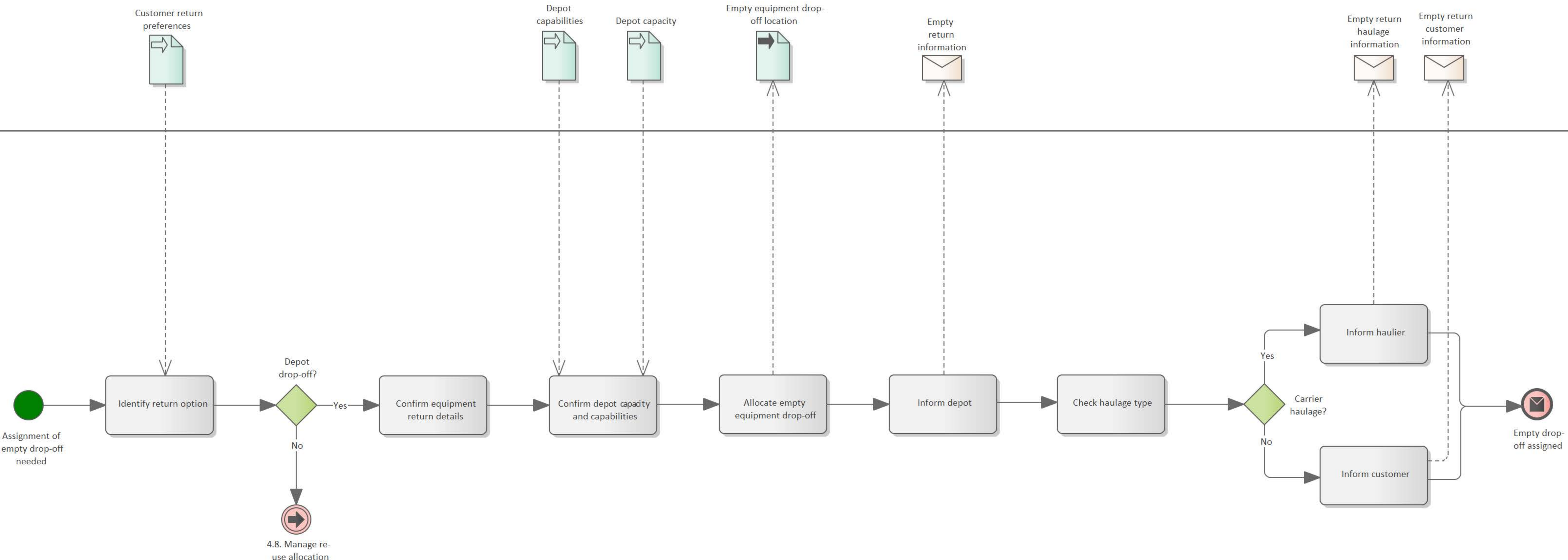


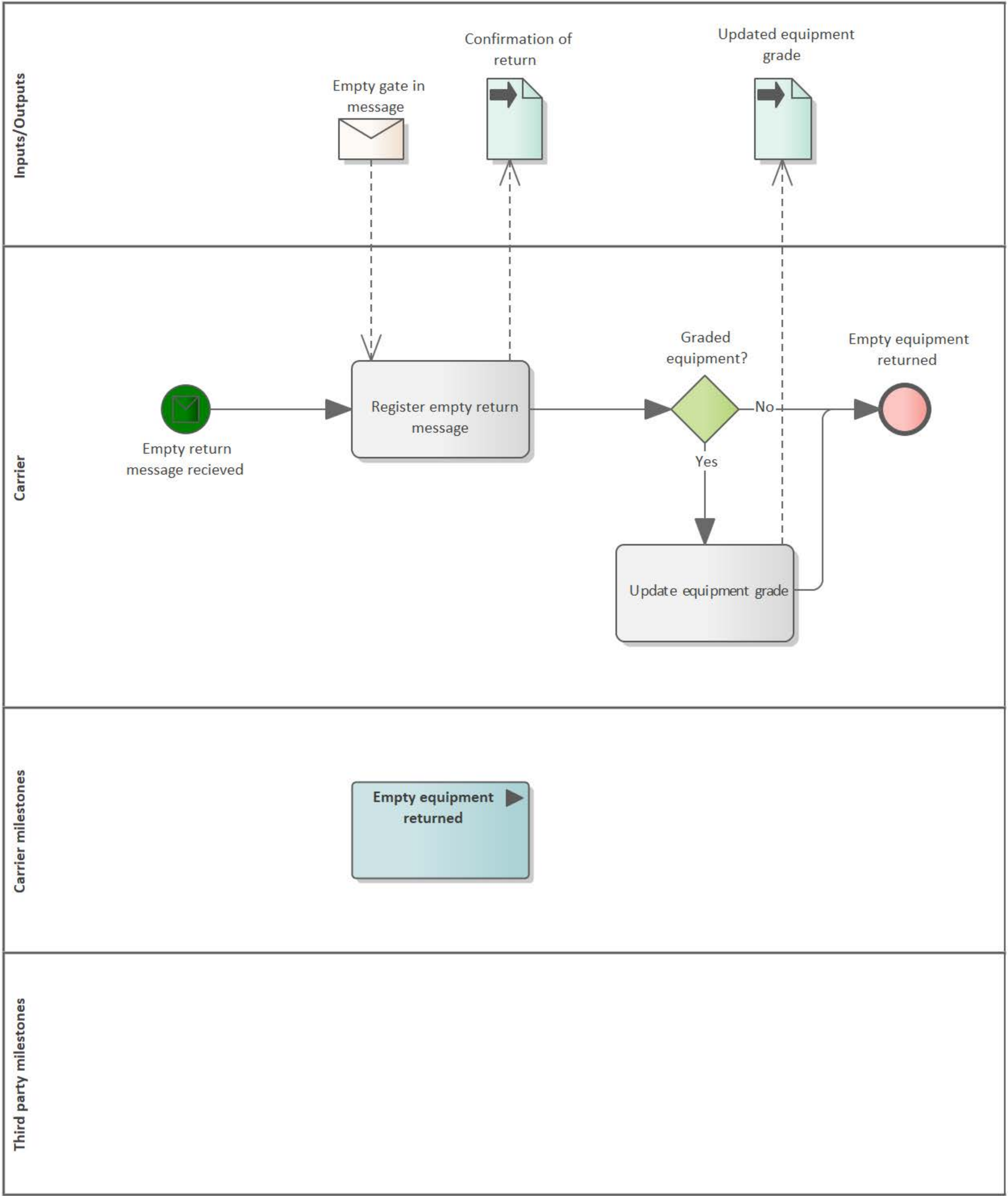
Inputs/Outputs

Carrier

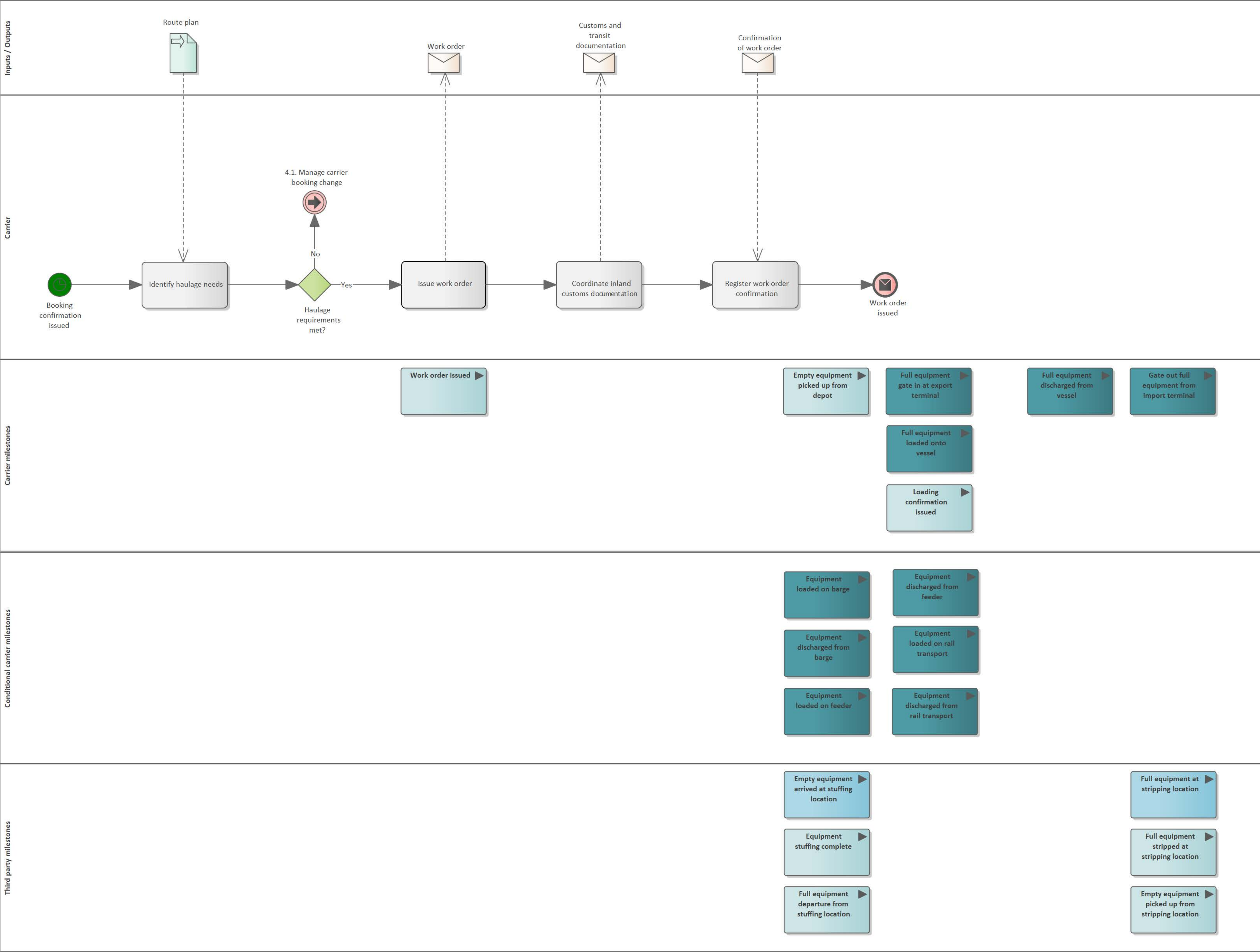
Carrier milestones

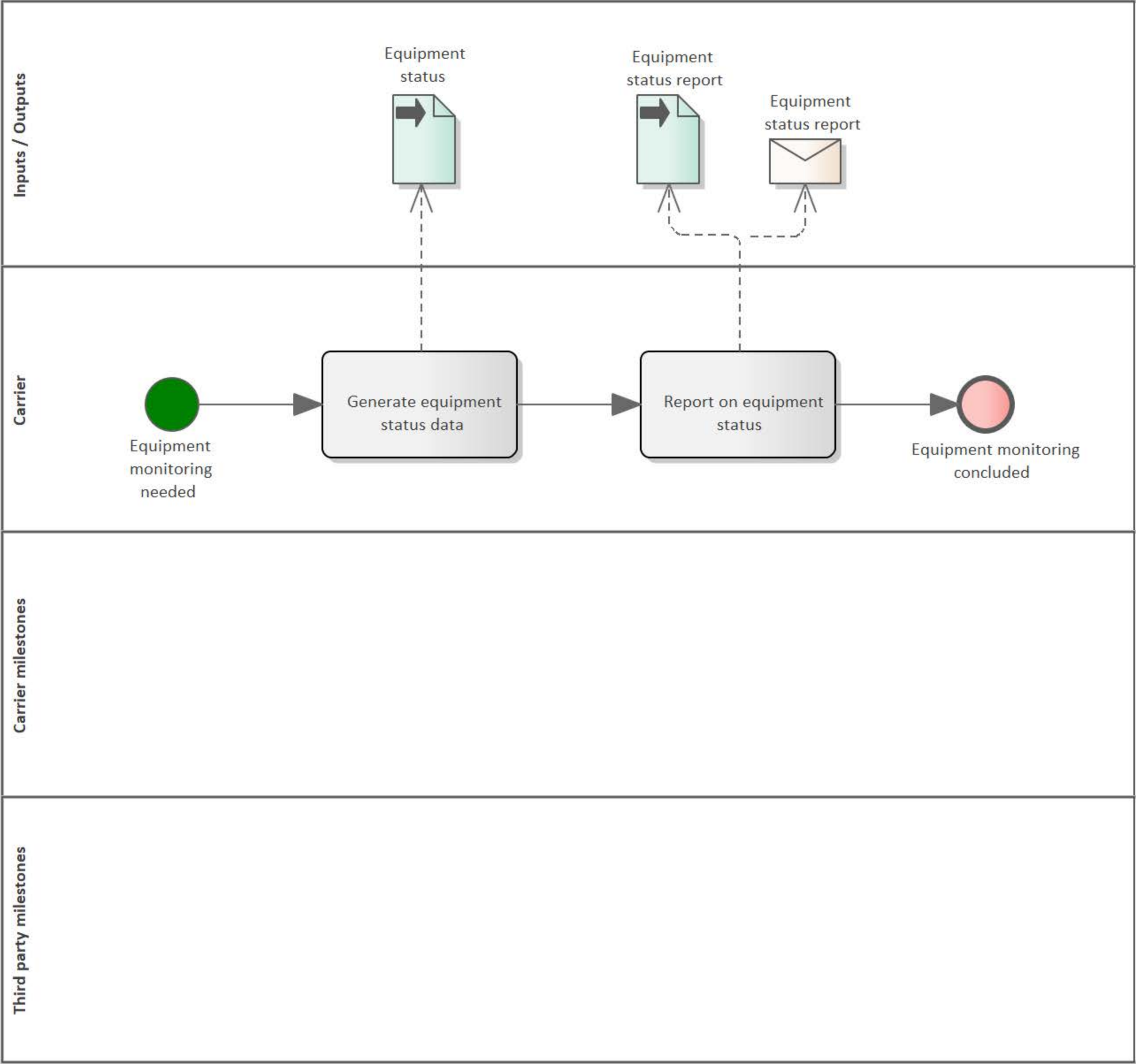
Third party milestones

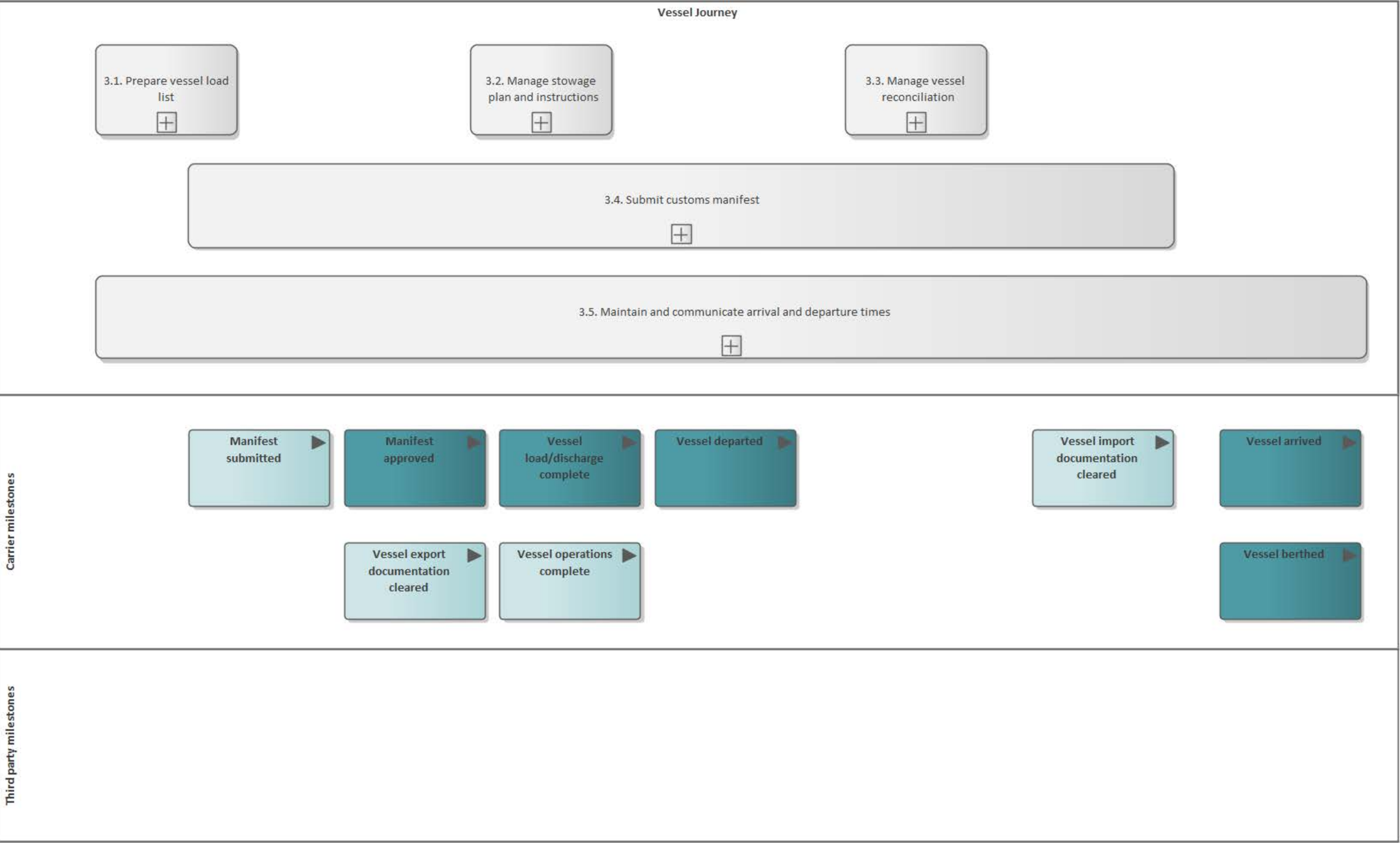




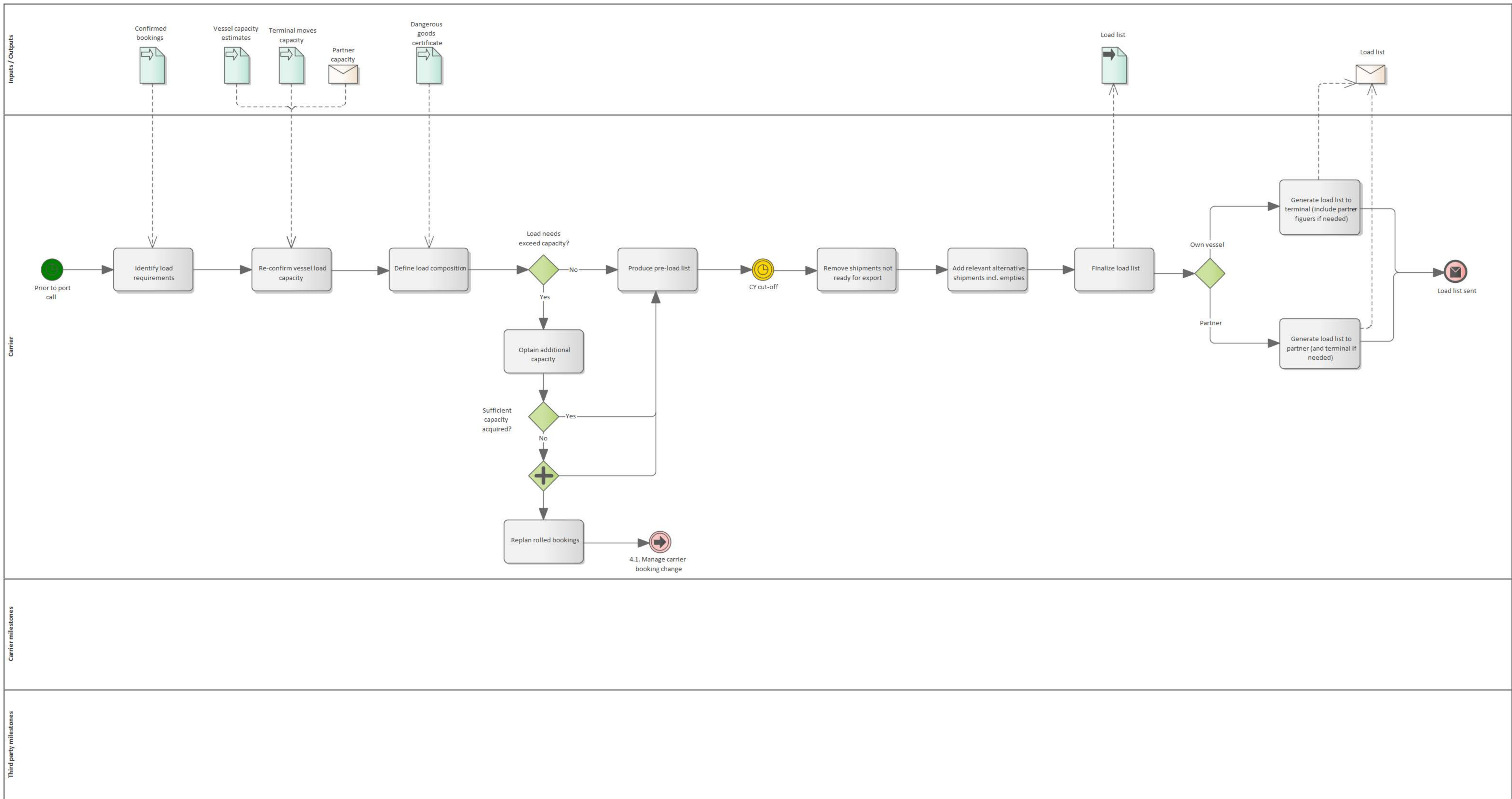


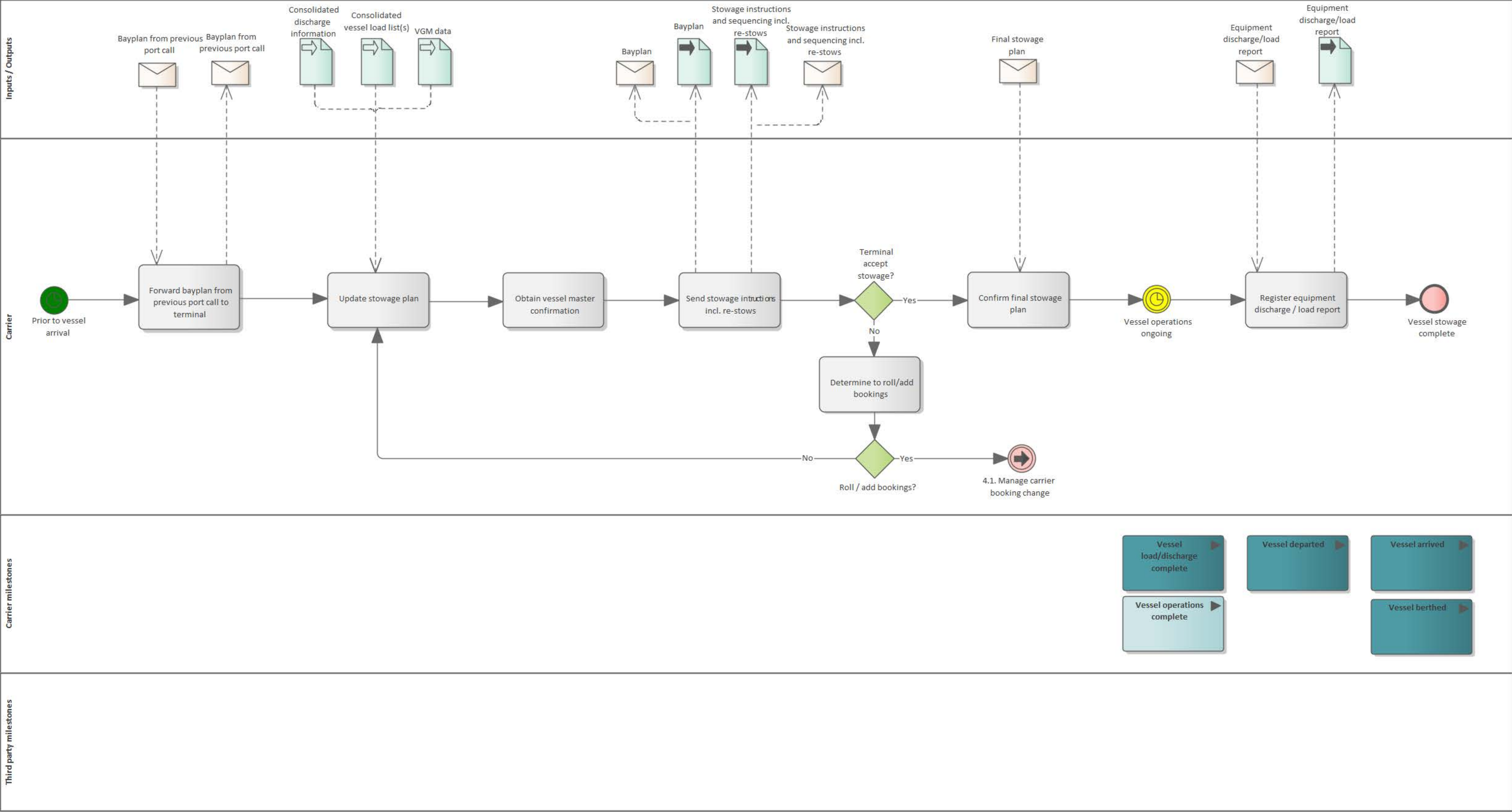


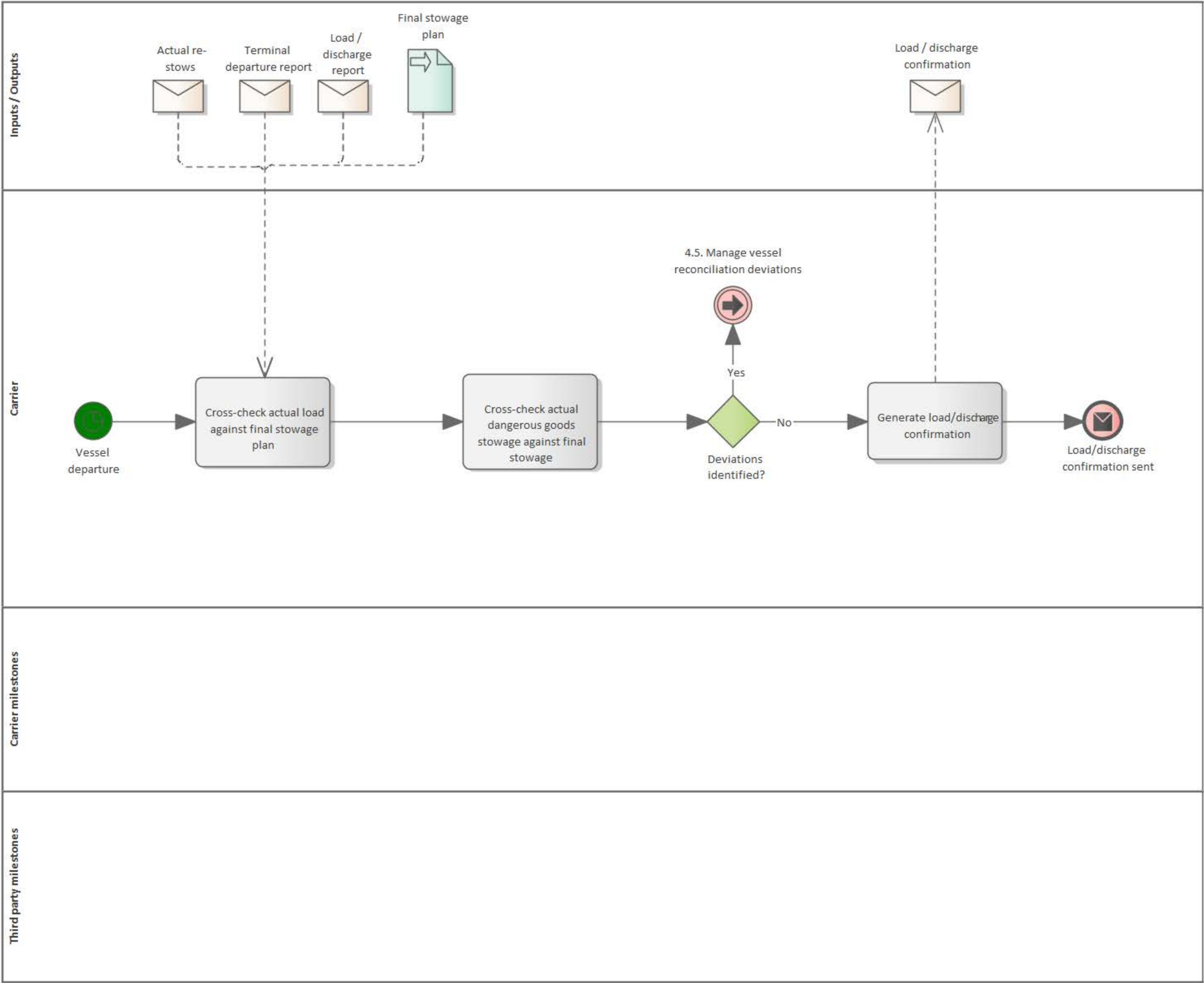






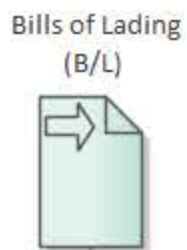








Inputs / Outputs



Carrier

Submission of customs manifest needed

Compile Bills of Lading information

Generate customs manifest

Register response

Manifest approved?

Customs manifest approved

Inform on rejection or customs instructions

Resolved before deadline?

Initiate roll over

4.1. Manage carrier booking change

Carrier milestones

Manifest submitted

Manifest approved

Vessel export documentation cleared

Vessel departed

Vessel import documentation cleared

Vessel arrived

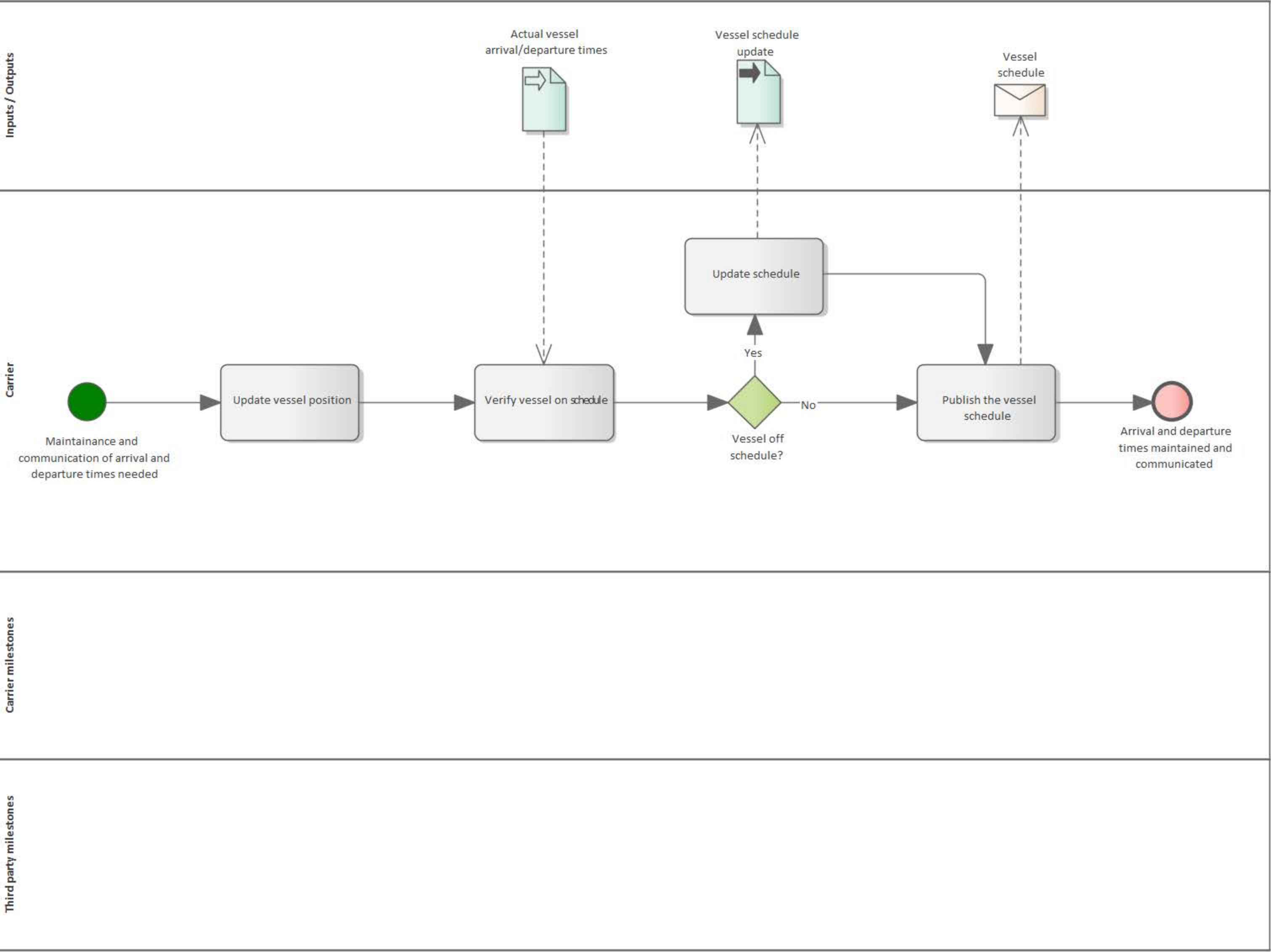
Third party milestones

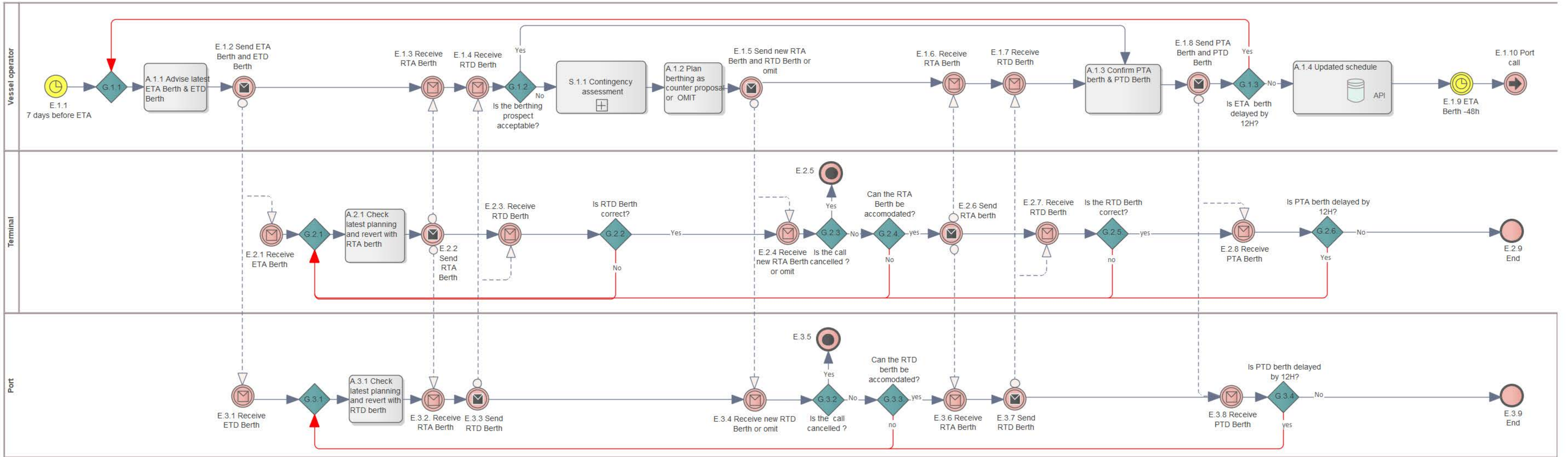
Inputs / Outputs

Carrier

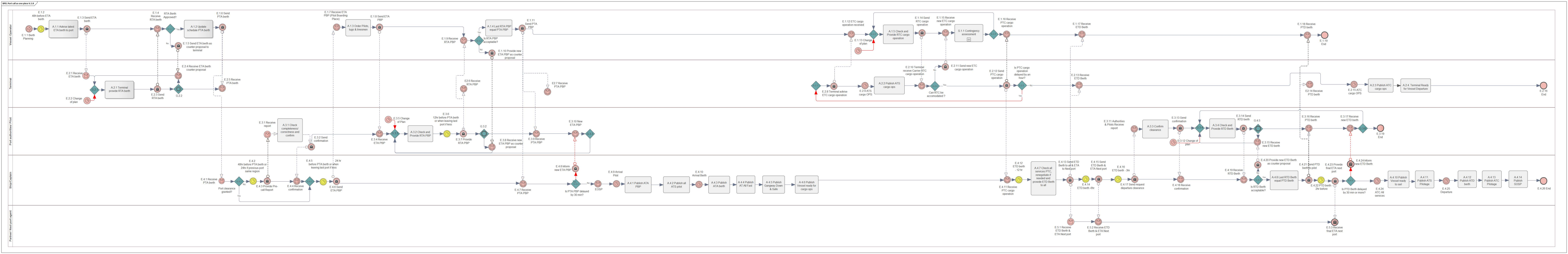
Carrier milestones

Third party milestones

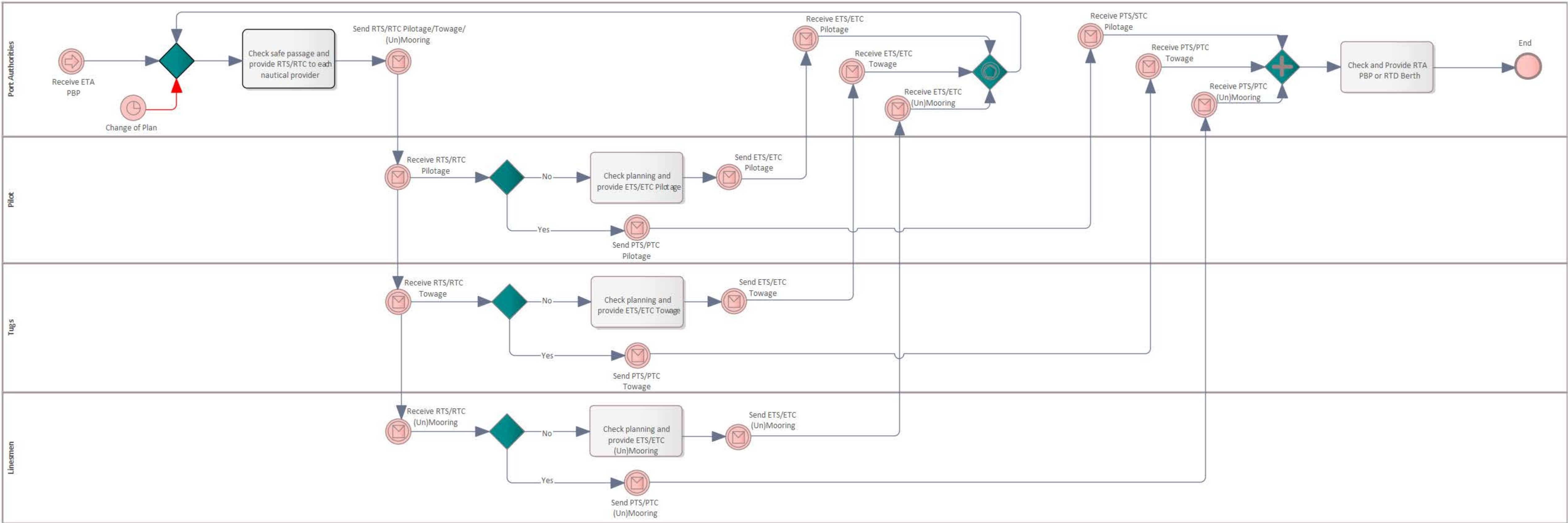












Carrier

4.1. Manage carrier  
booking change



4.2. Issue manifest  
corrector



4.3. Cancel existing work  
order\*

4.4. Manage seal(s)  
removed\*

4.5. Manage vessel  
reconciliation deviations



4.6. Manage asset  
malfunctions\*

4.7. Manage cargo  
surveys\*

4.8. Manage re-use  
allocation\*

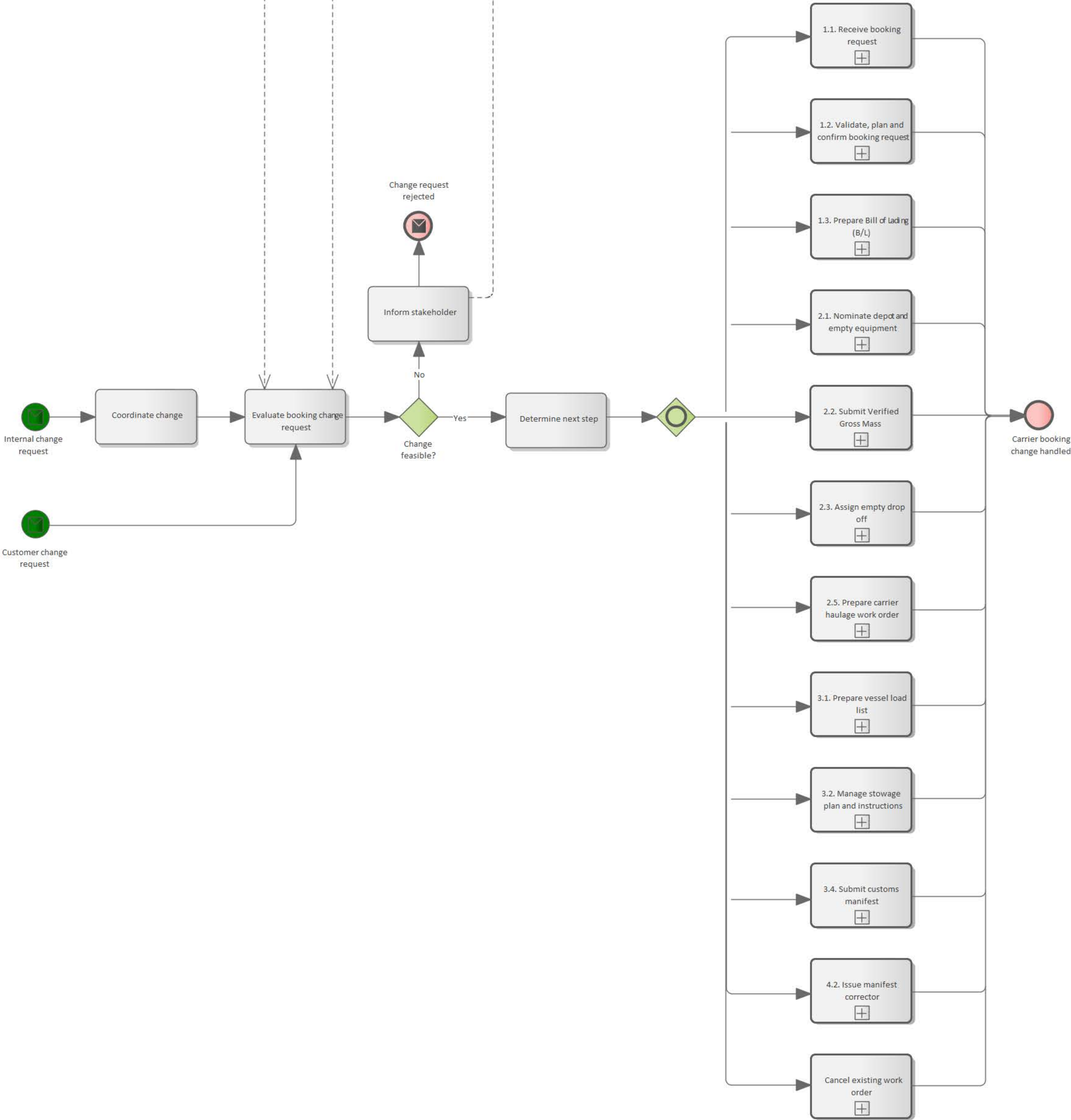
*\*: Not defined in Industry Blueprint 1.0*



Inputs / Outputs



Carrier



Carrier milestones

Third party milestones

