



Industry Blueprint – Container Shipping 2022.2 Process Maps

**Digital Container Shipping Association
(DCSA)**

June, 2022

Level 1: Process description of the journey types



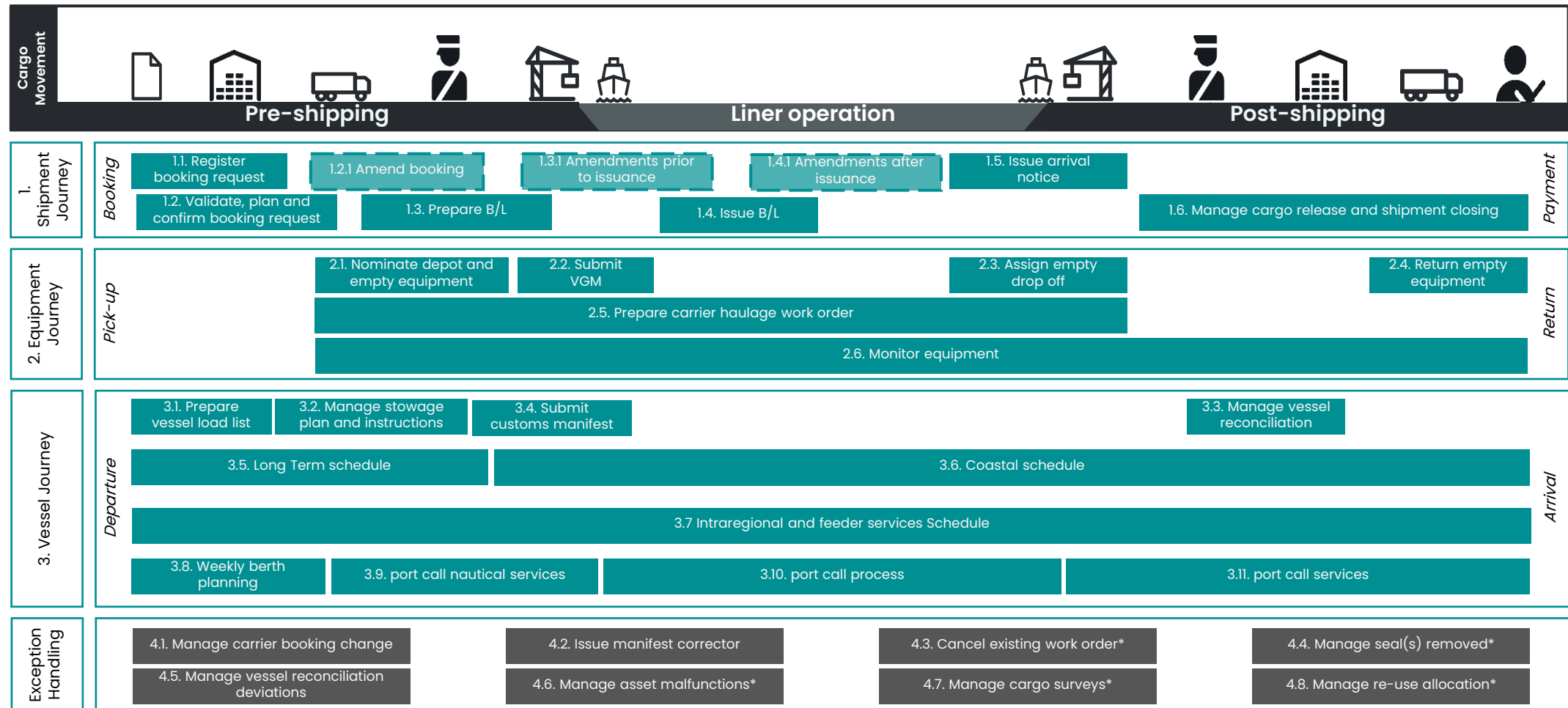
Definitions for Shipment Journey, Equipment Journey and Vessel Journey are included for the Carrier Booking-to-Container Return end-to-end process.

| Cargo Movement | |
|----------------------|--|
| | |
| 1. Shipment Journey | <p>Booking</p> <p>Booking-to-Payment covers all activities and documentation processes related to a customer's order</p> <ul style="list-style-type: none"> • Customer-driven processes (and/or triggered by the customer) • Process executed in relation to an agreement made between the customer and the carrier, which is later invoiced and settled <p>Payment</p> |
| 2. Equipment Journey | <p>Pick-up</p> <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"> • Equipment-driven processes • Carrier-driven processes <p>Return</p> |
| 3. Vessel Journey | <p>Departure</p> <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"> • Activities required to execute a port call successfully • Preparation of vessel arrival and follow-up post vessel departure • <i>"During sea passage" is excluded from the scope of Industry Blueprint 2022.2</i> <p>Arrival</p> |

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 2022.2 are listed below.



* These processes have not been mapped on level 3 in the Industry Blueprint 2022.2

Core process

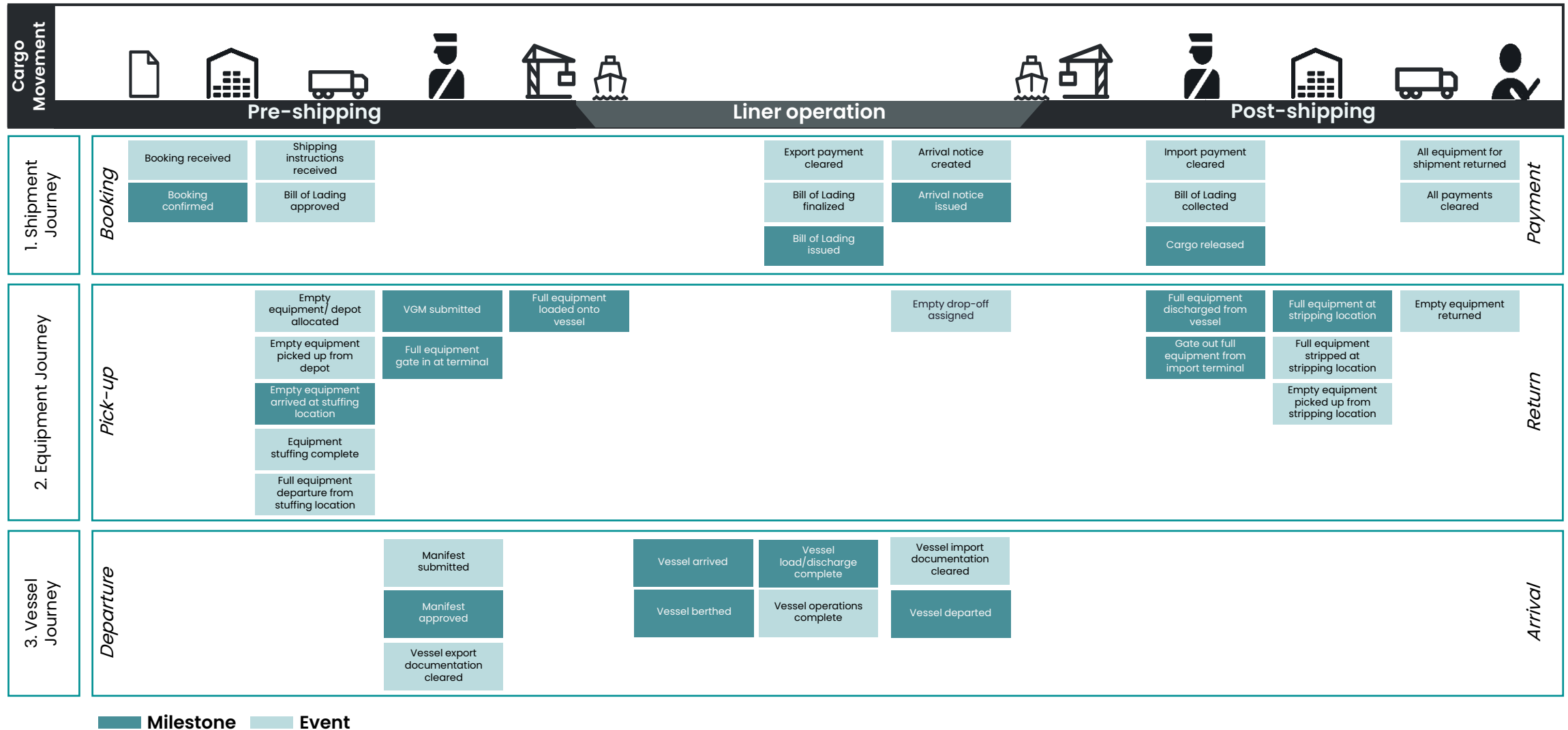


Exception process (Not aligned with the "Cargo movement" diagram)



Optional process

Milestone and events per journey



■ Milestone ■ Event

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1. Shipment Journey



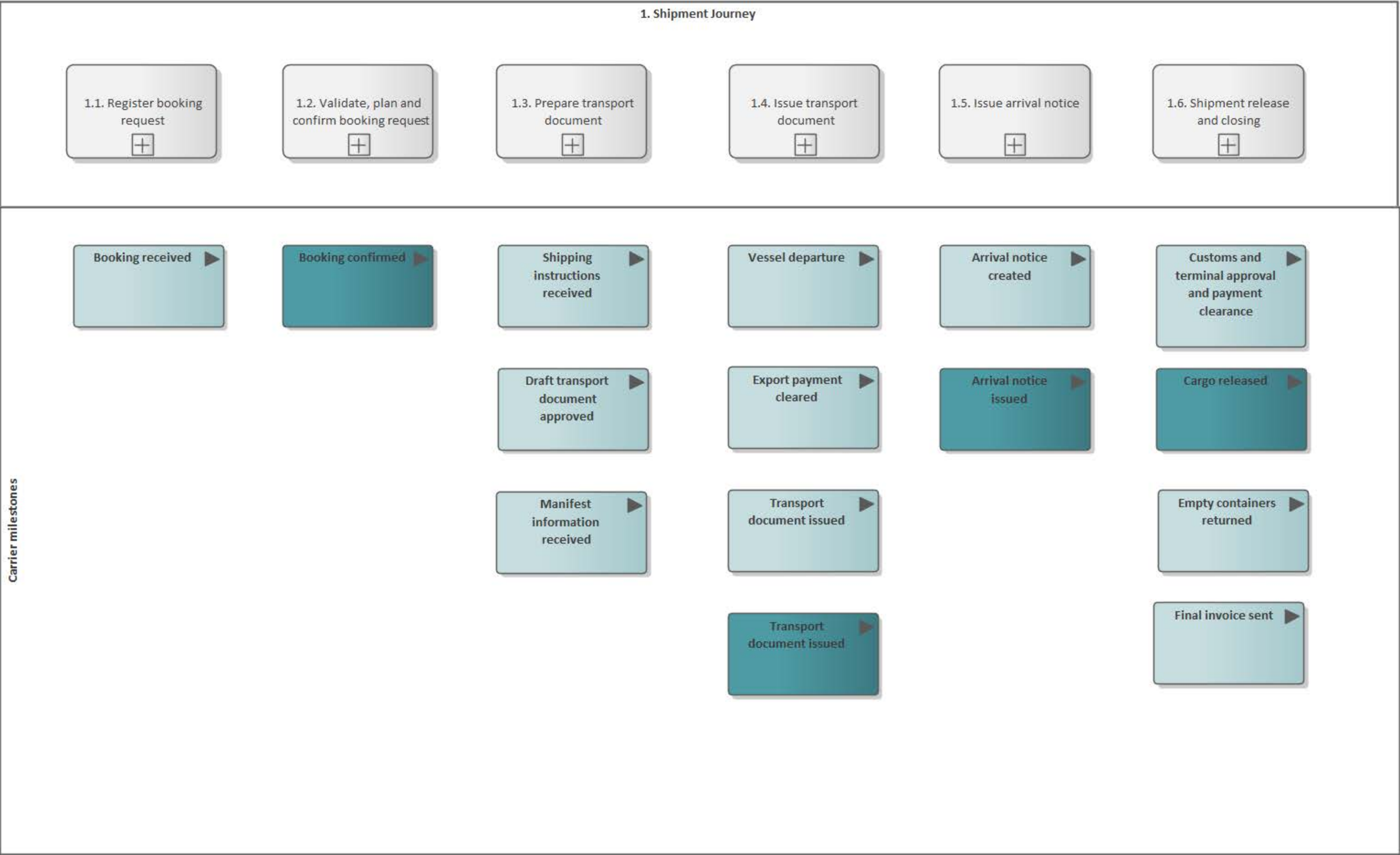
2. Equipment Journey

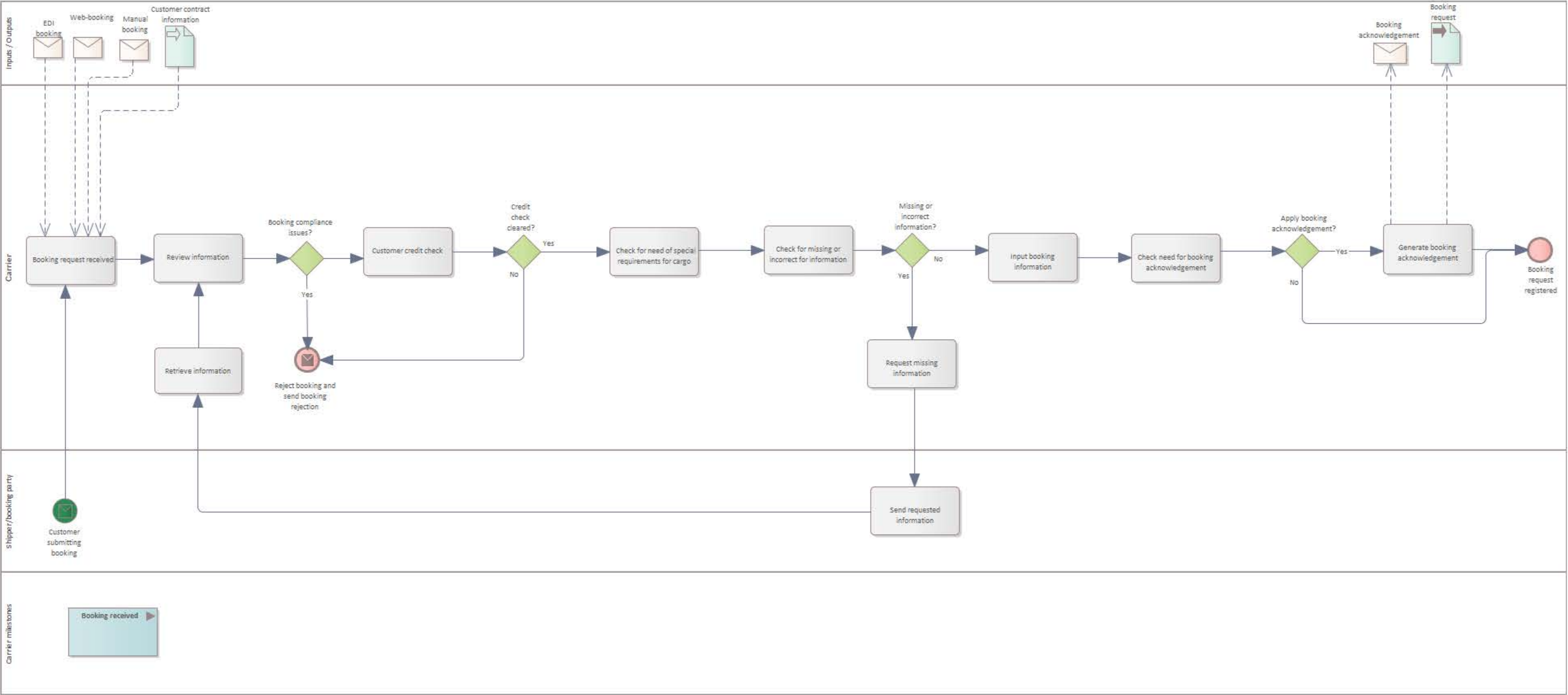


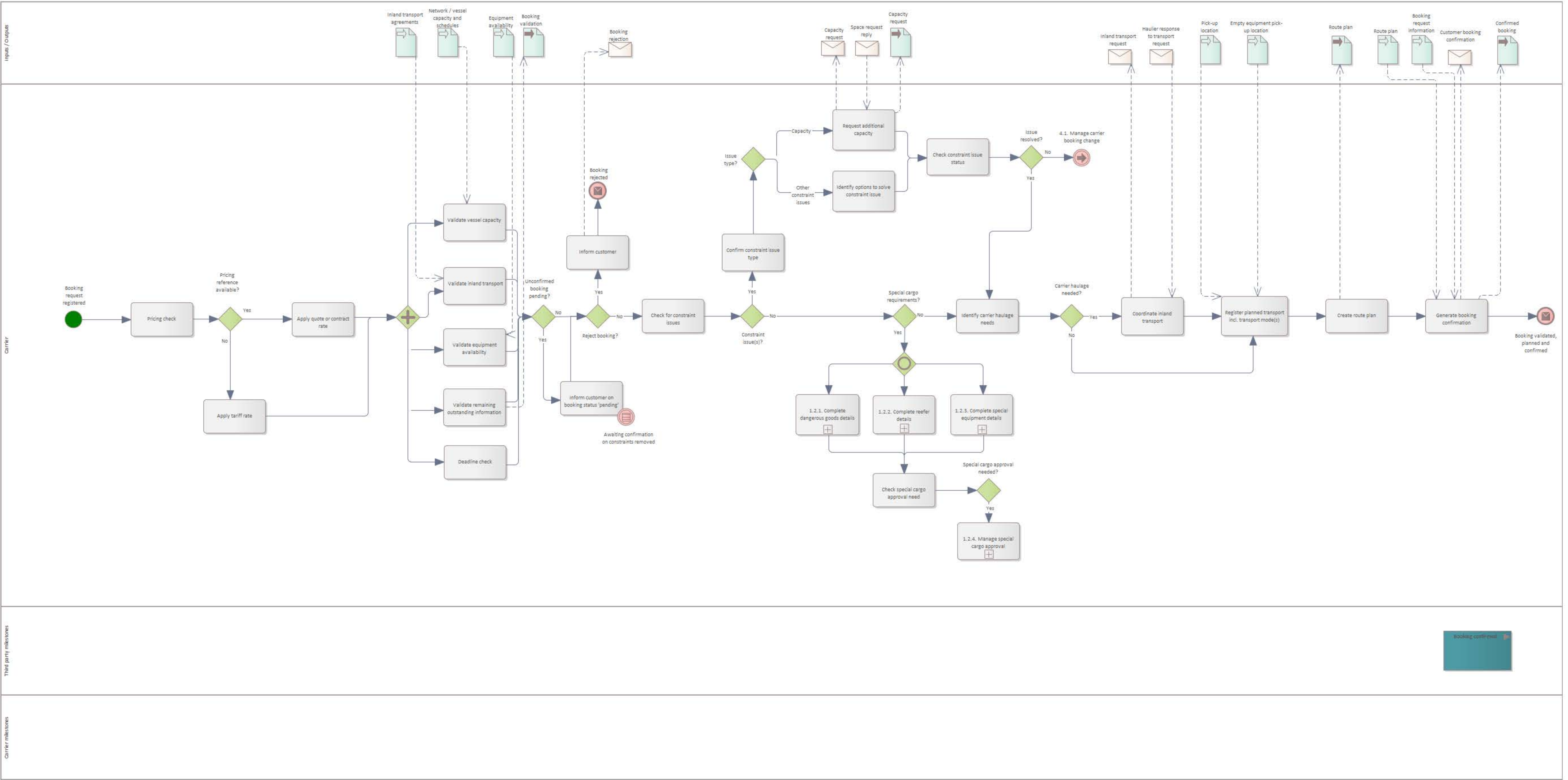
3. Vessel Journey

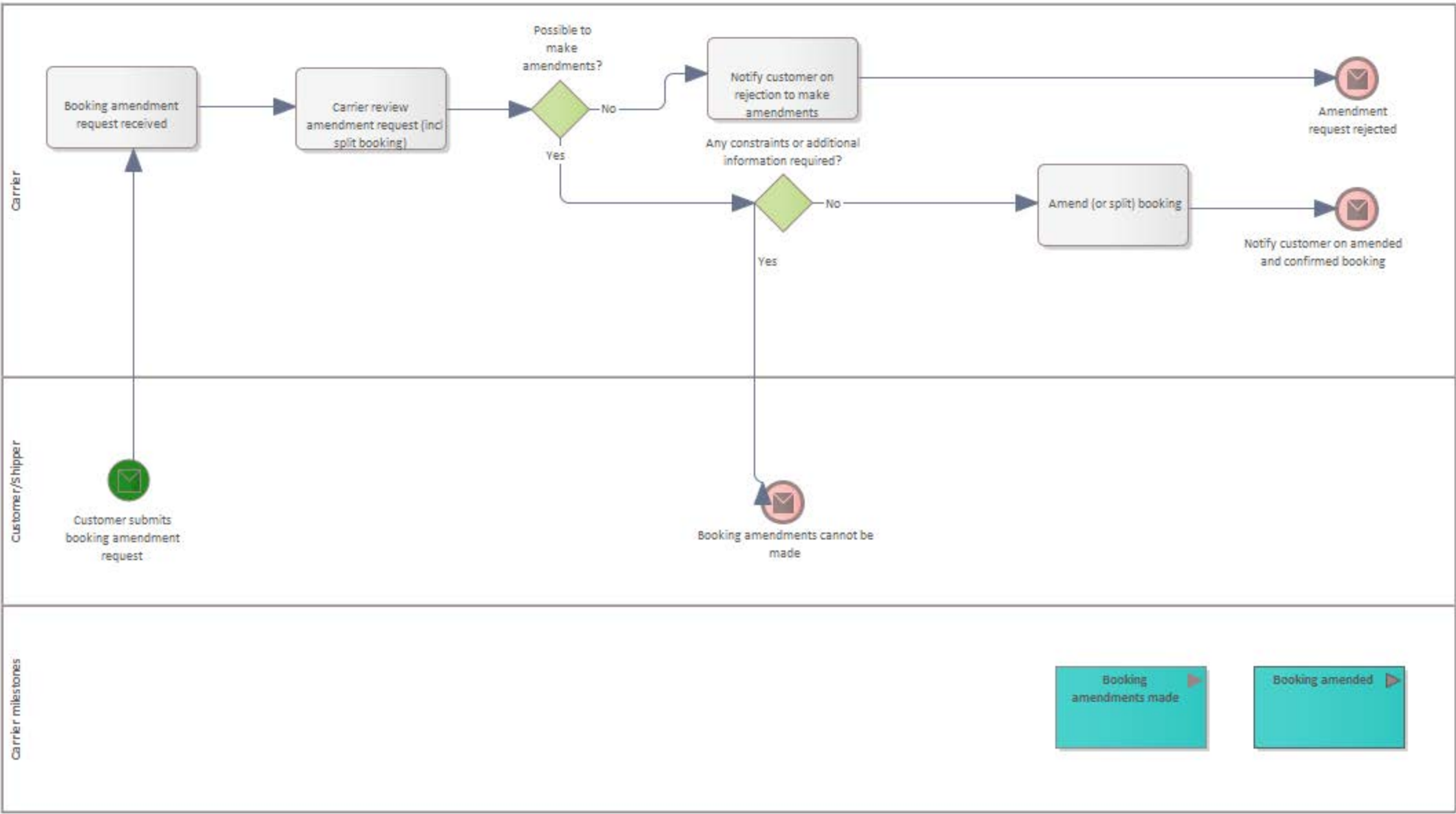


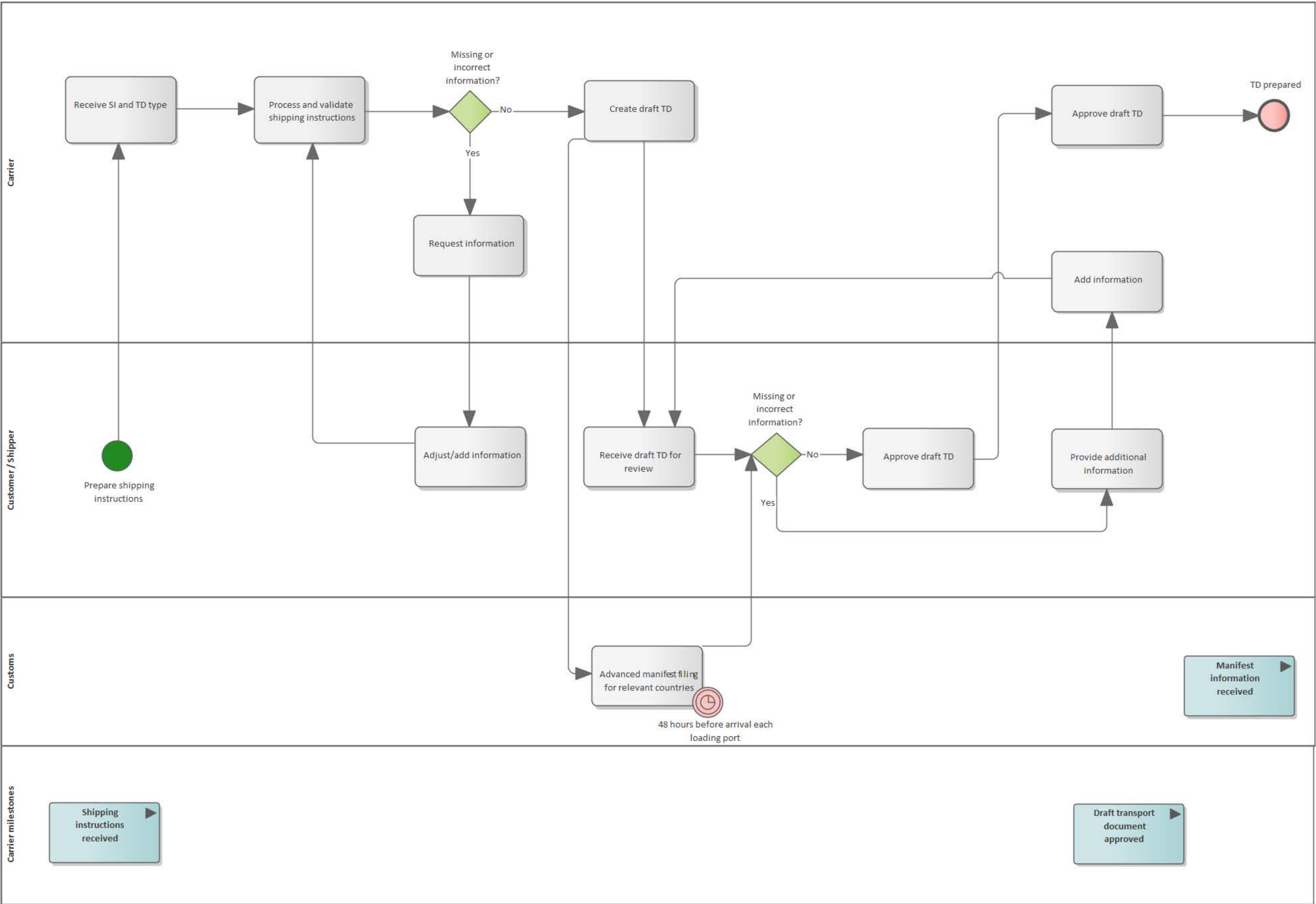
4. Exception Handling

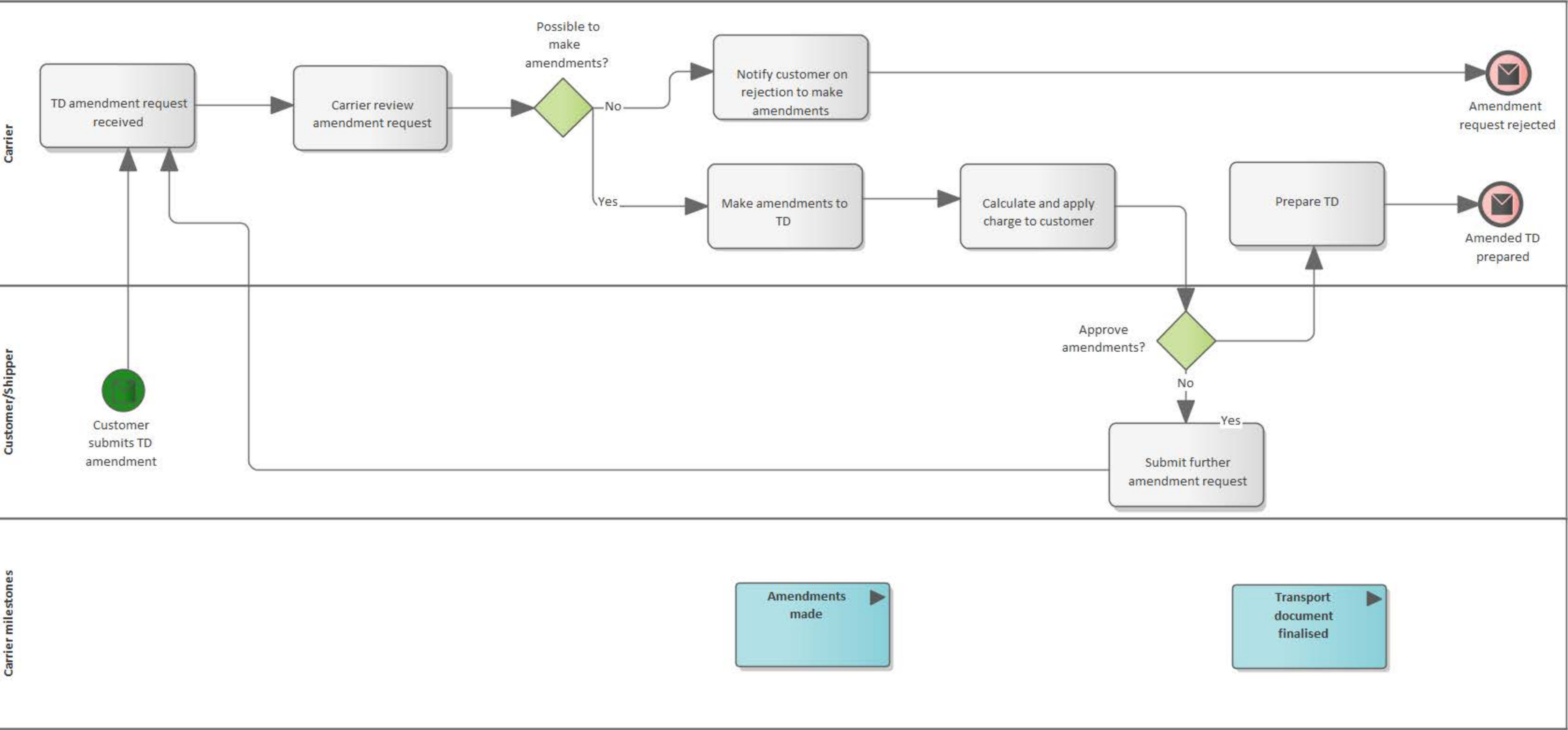


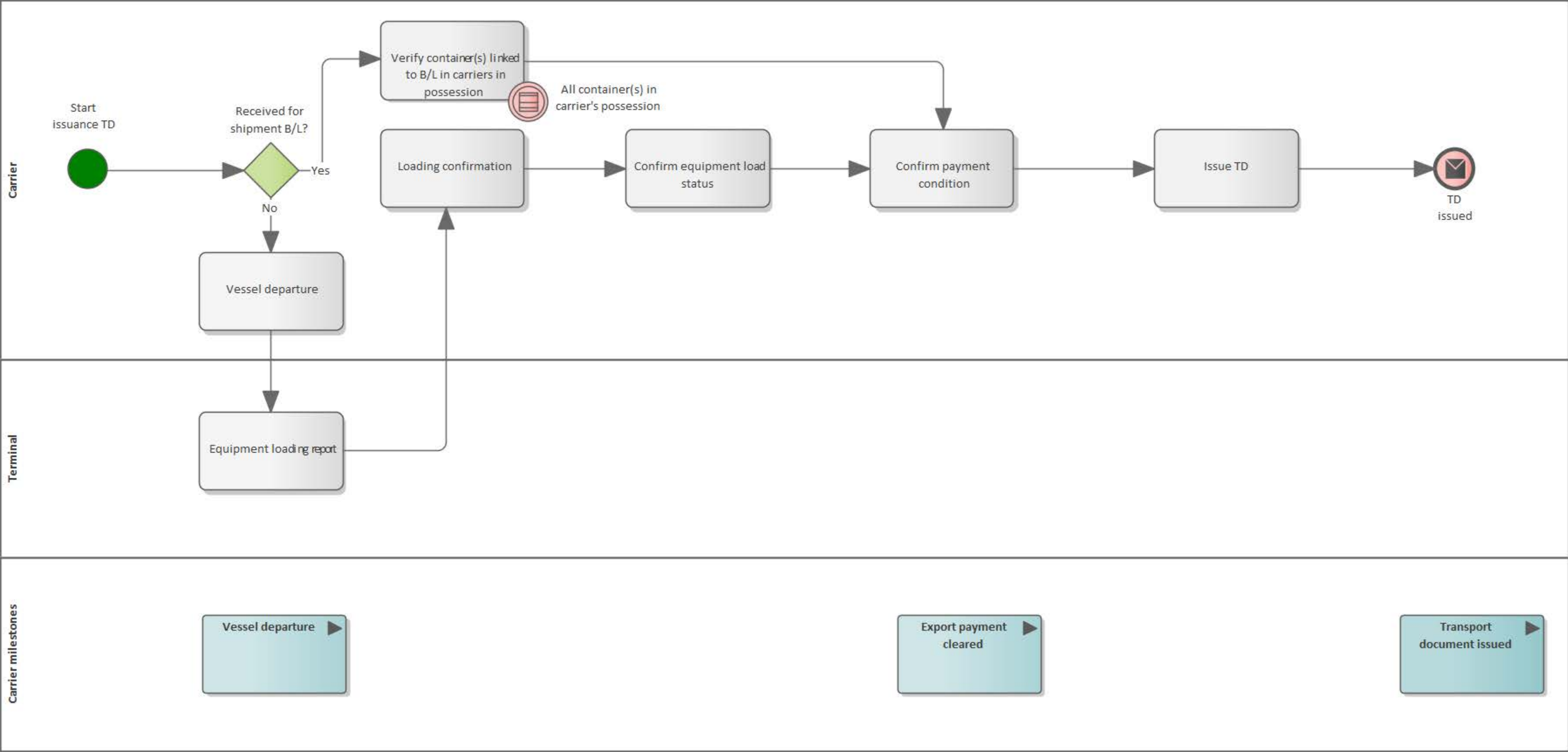


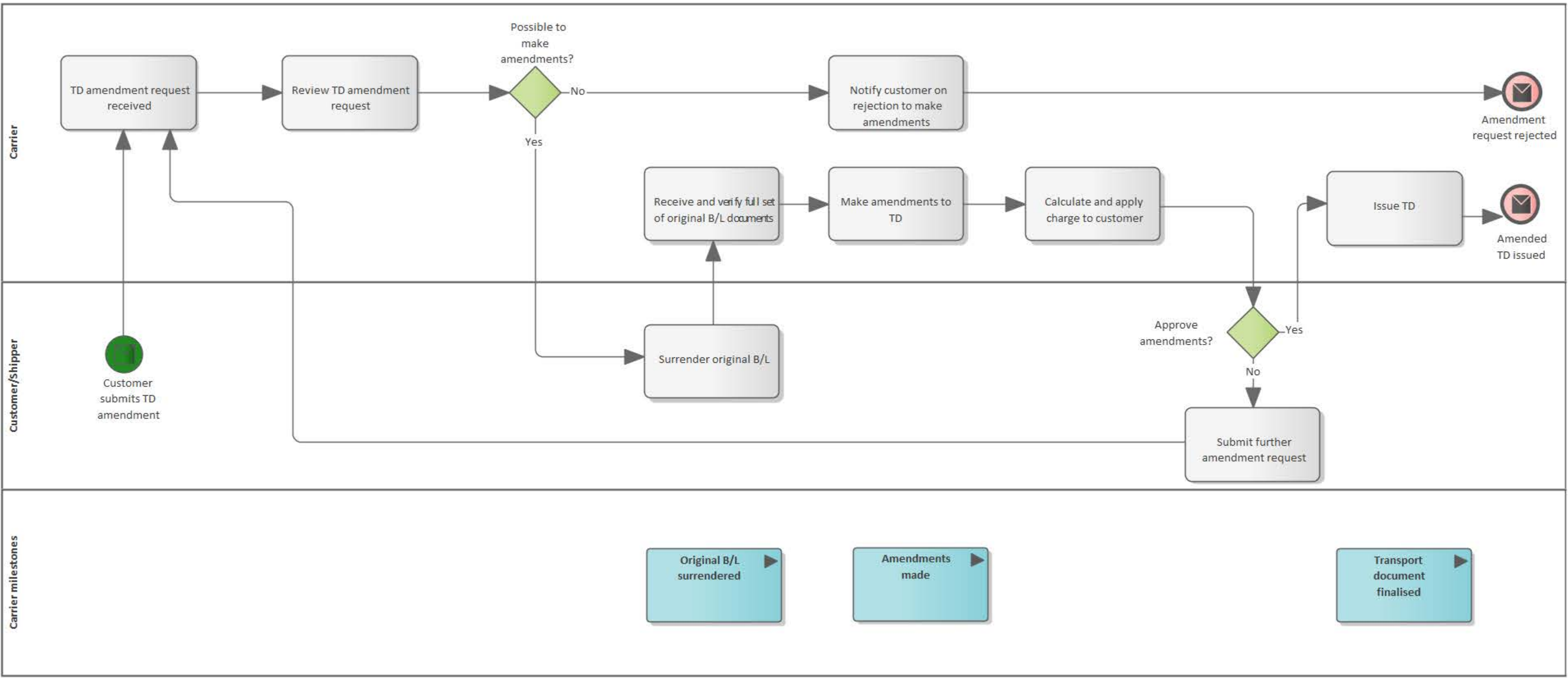


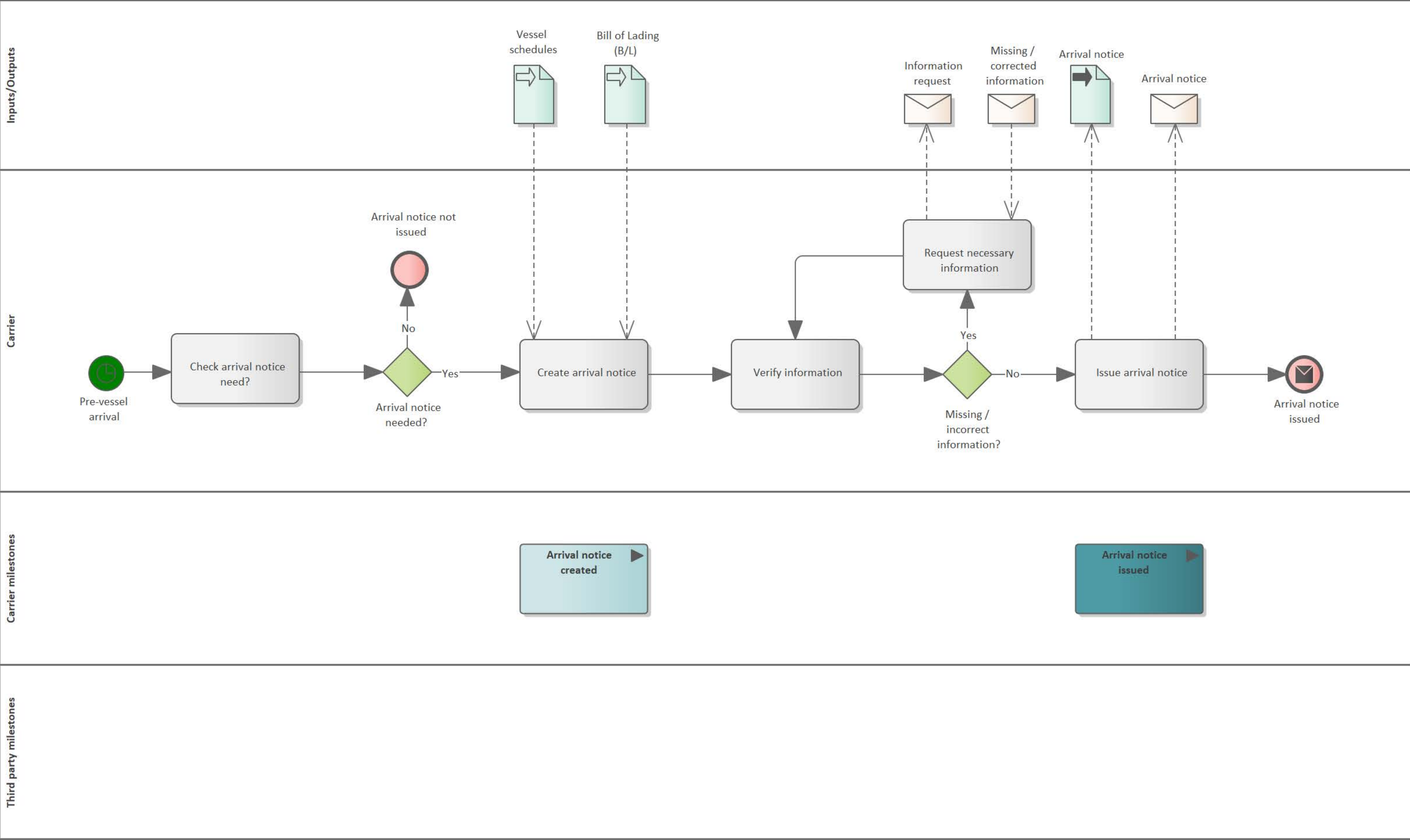


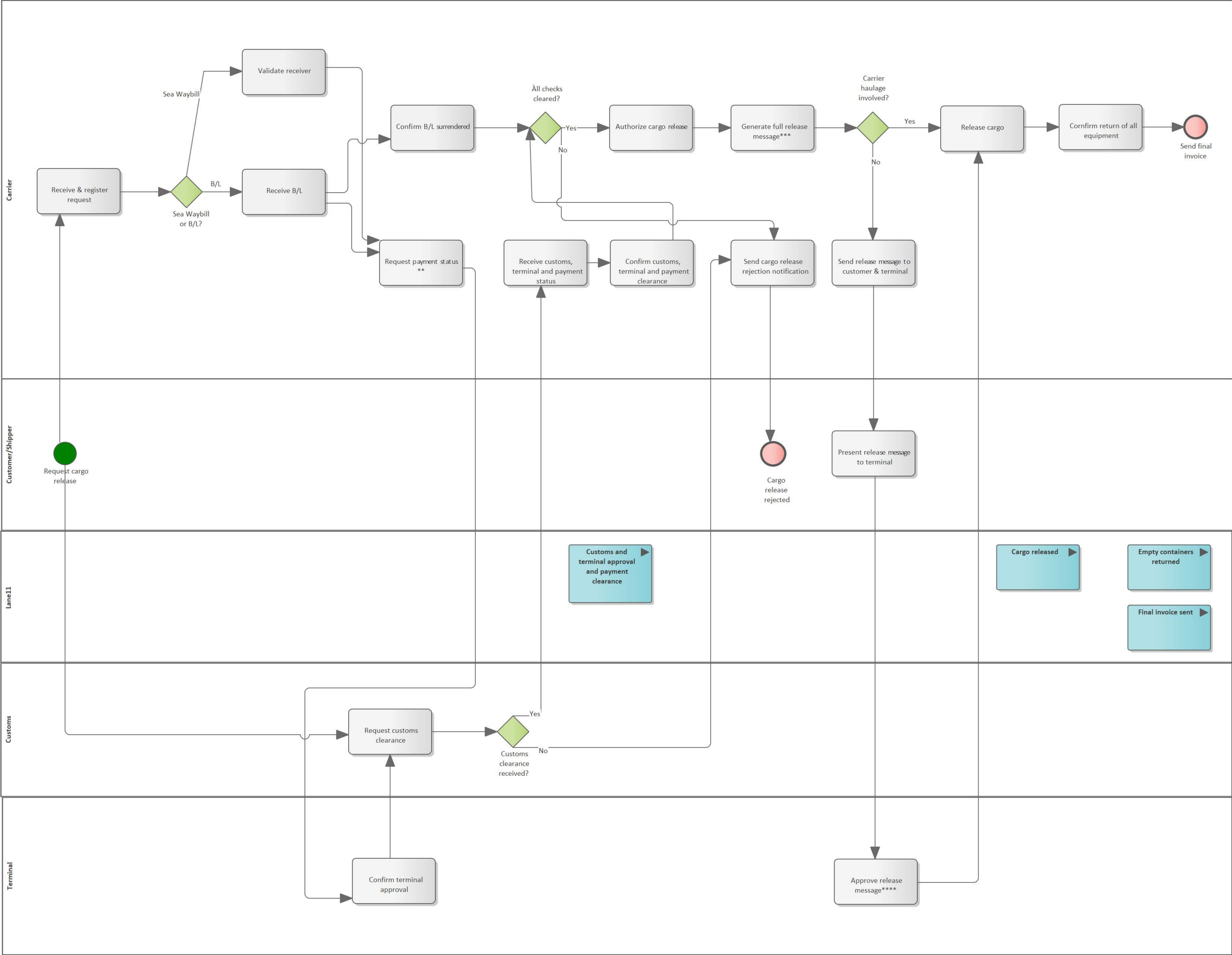


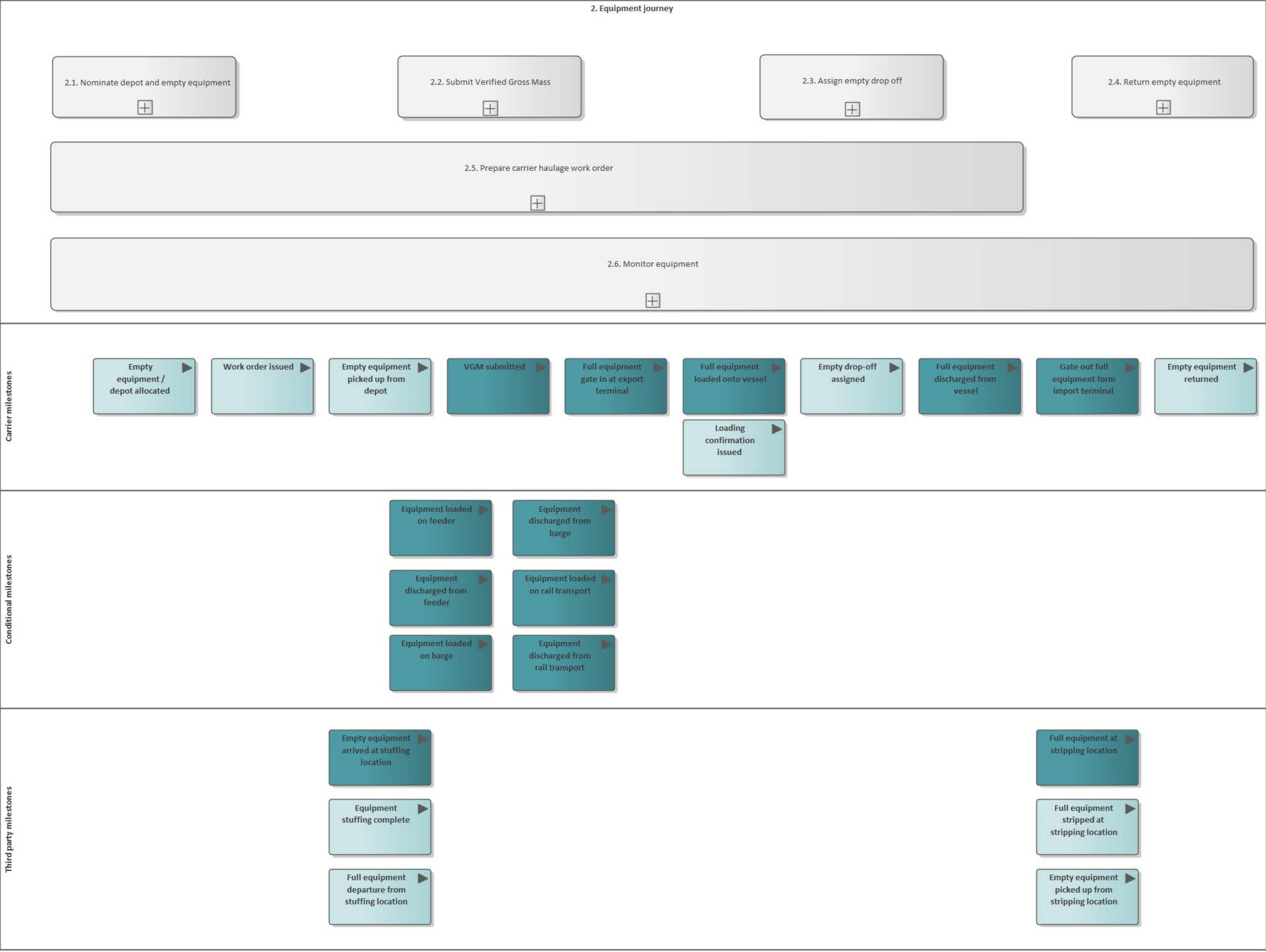


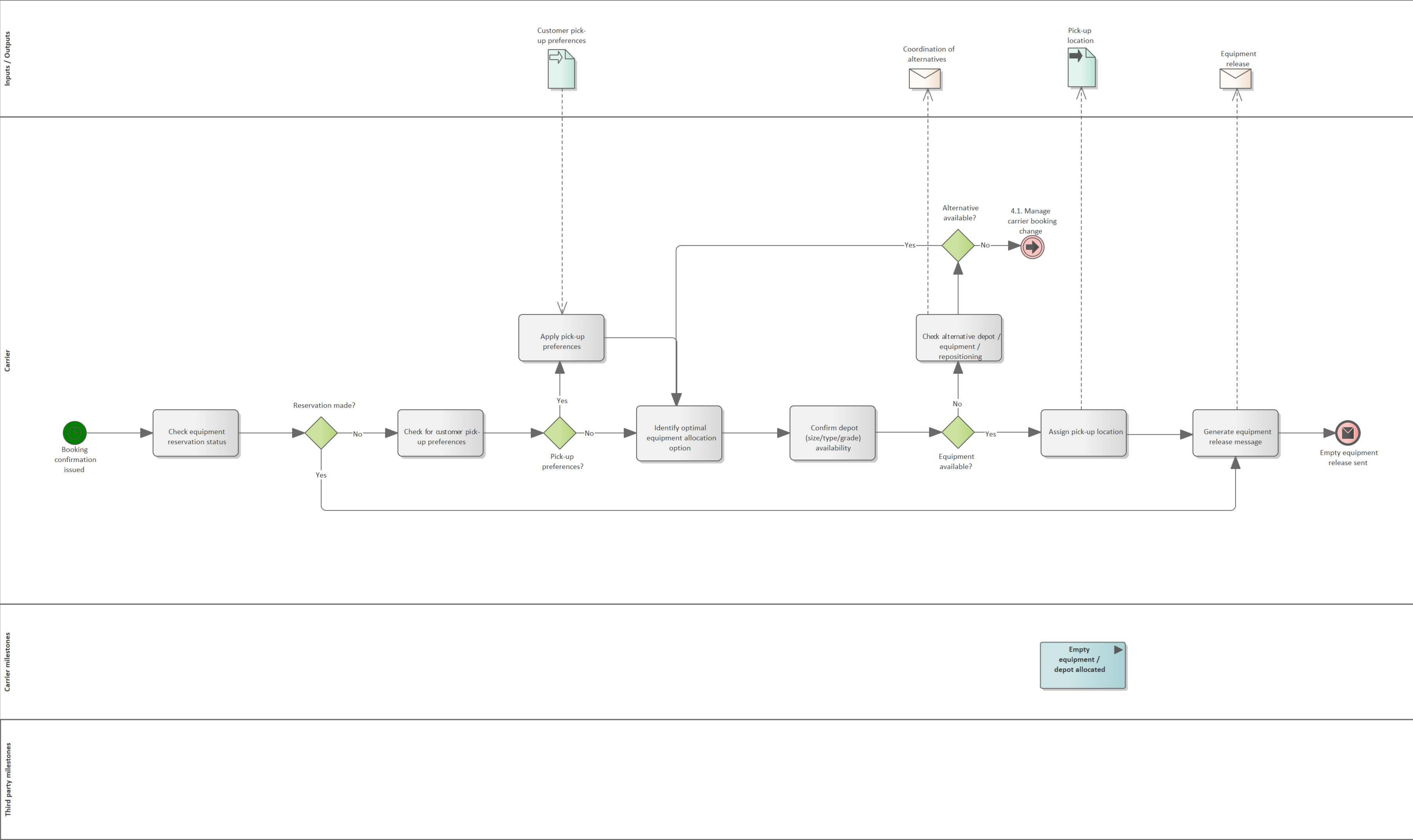










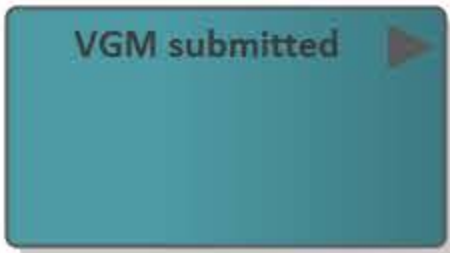
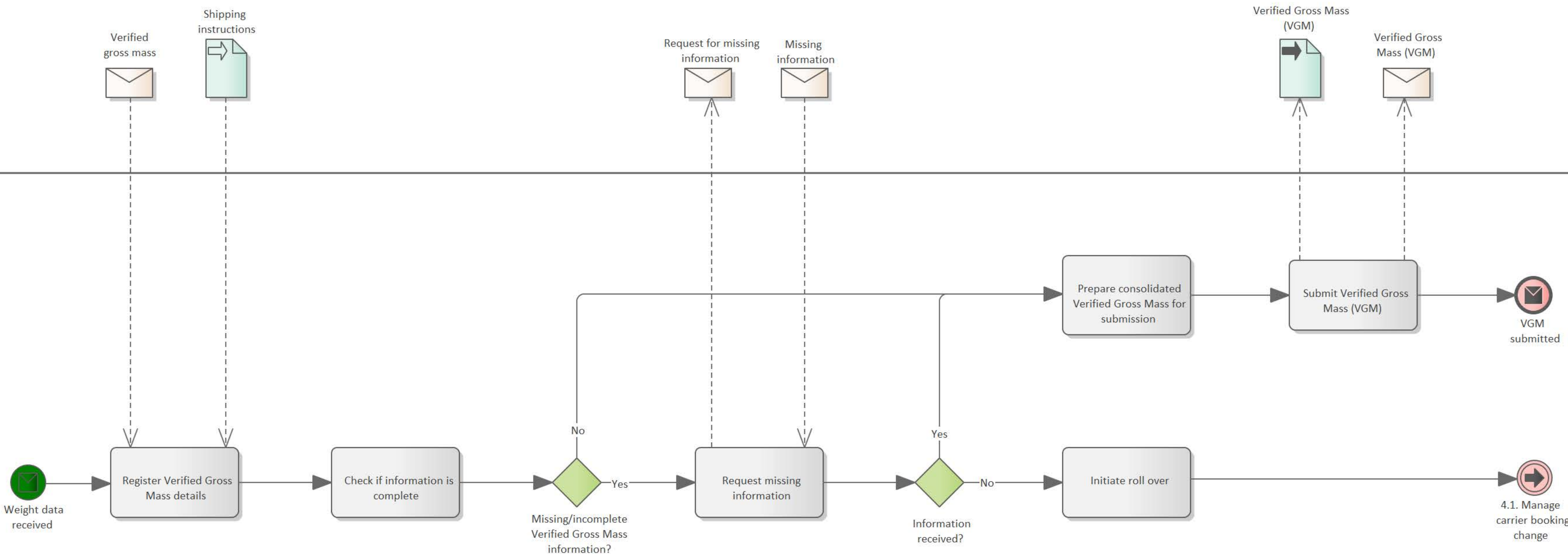


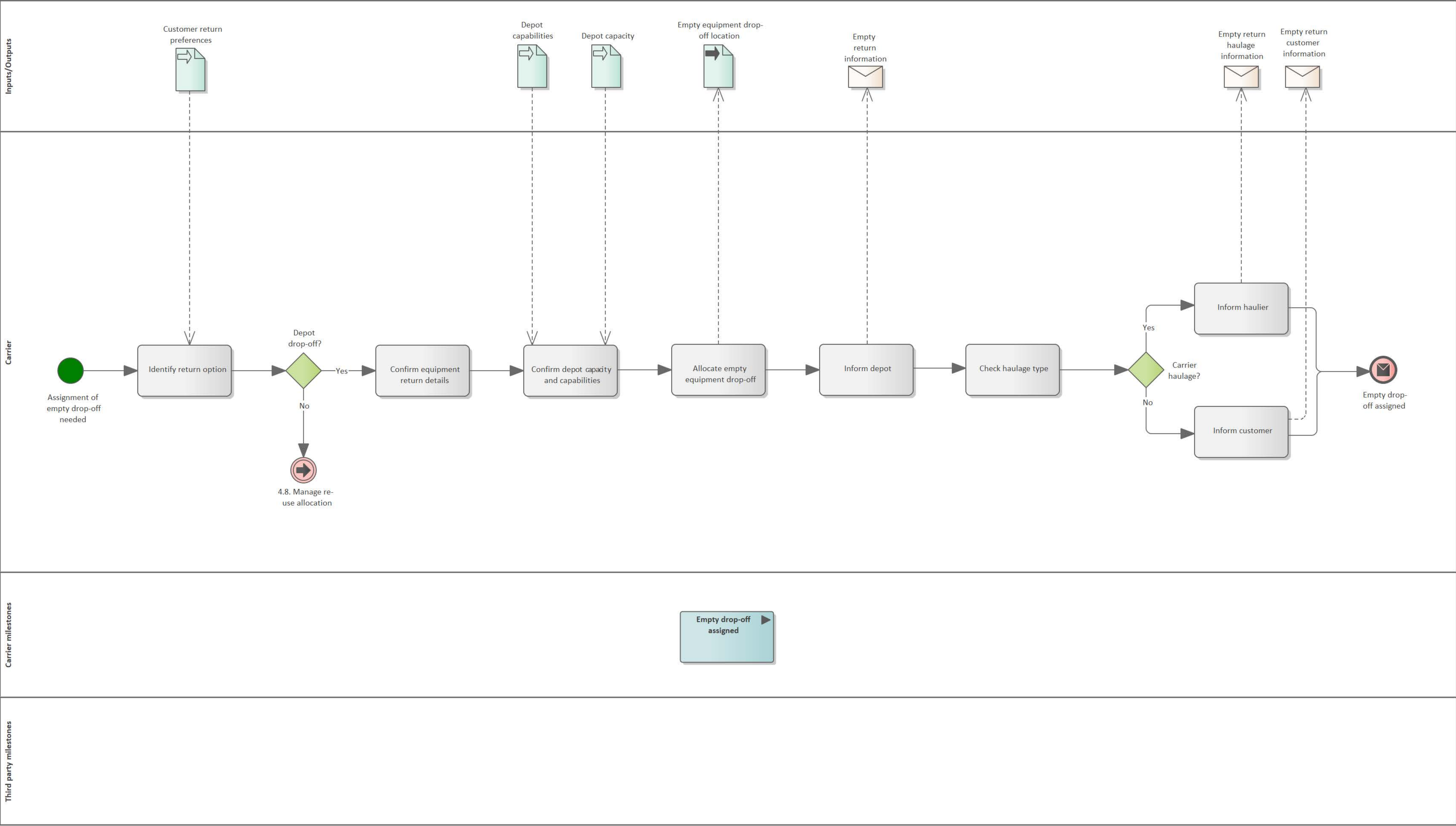
Inputs / Outputs

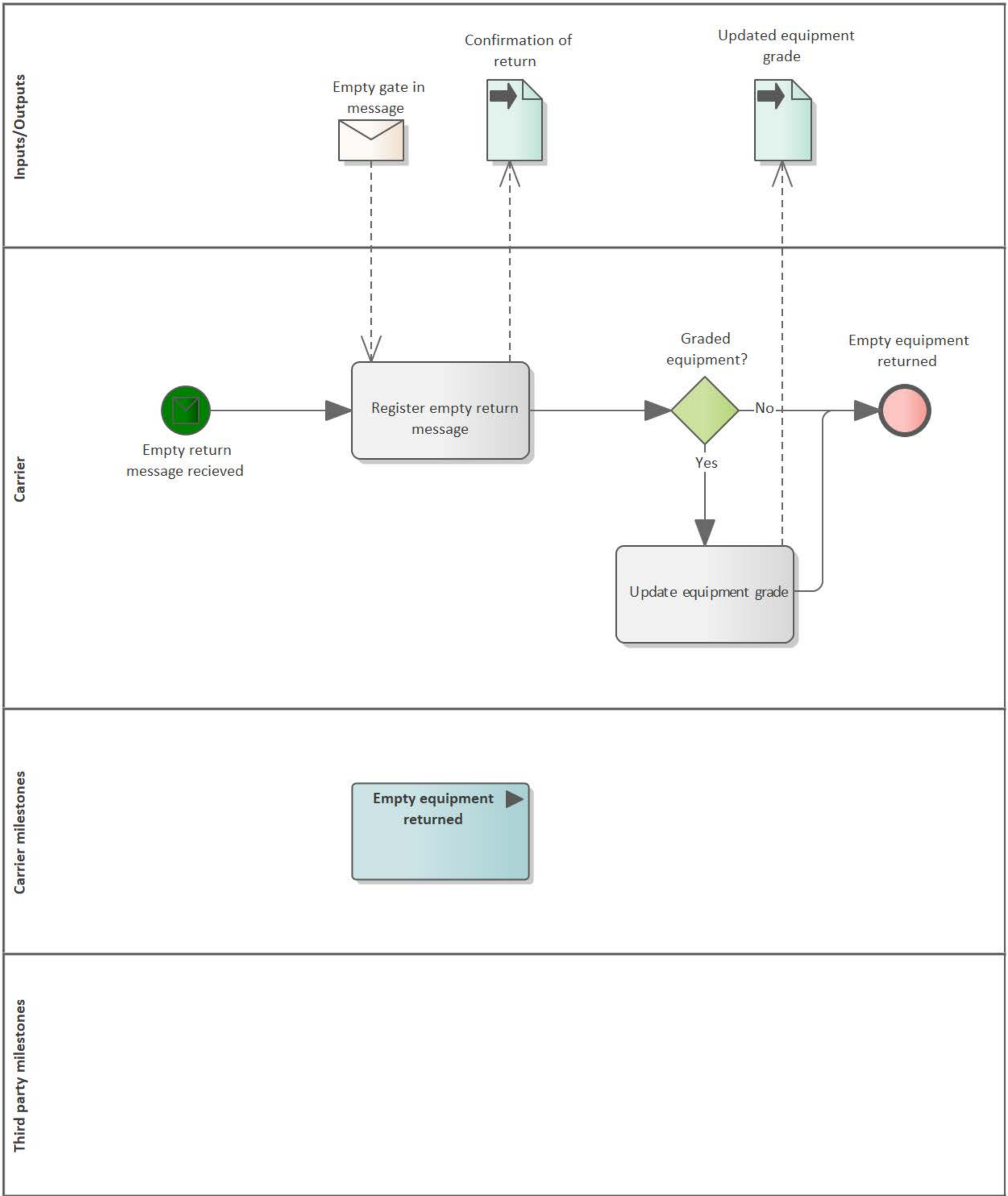
Carrier

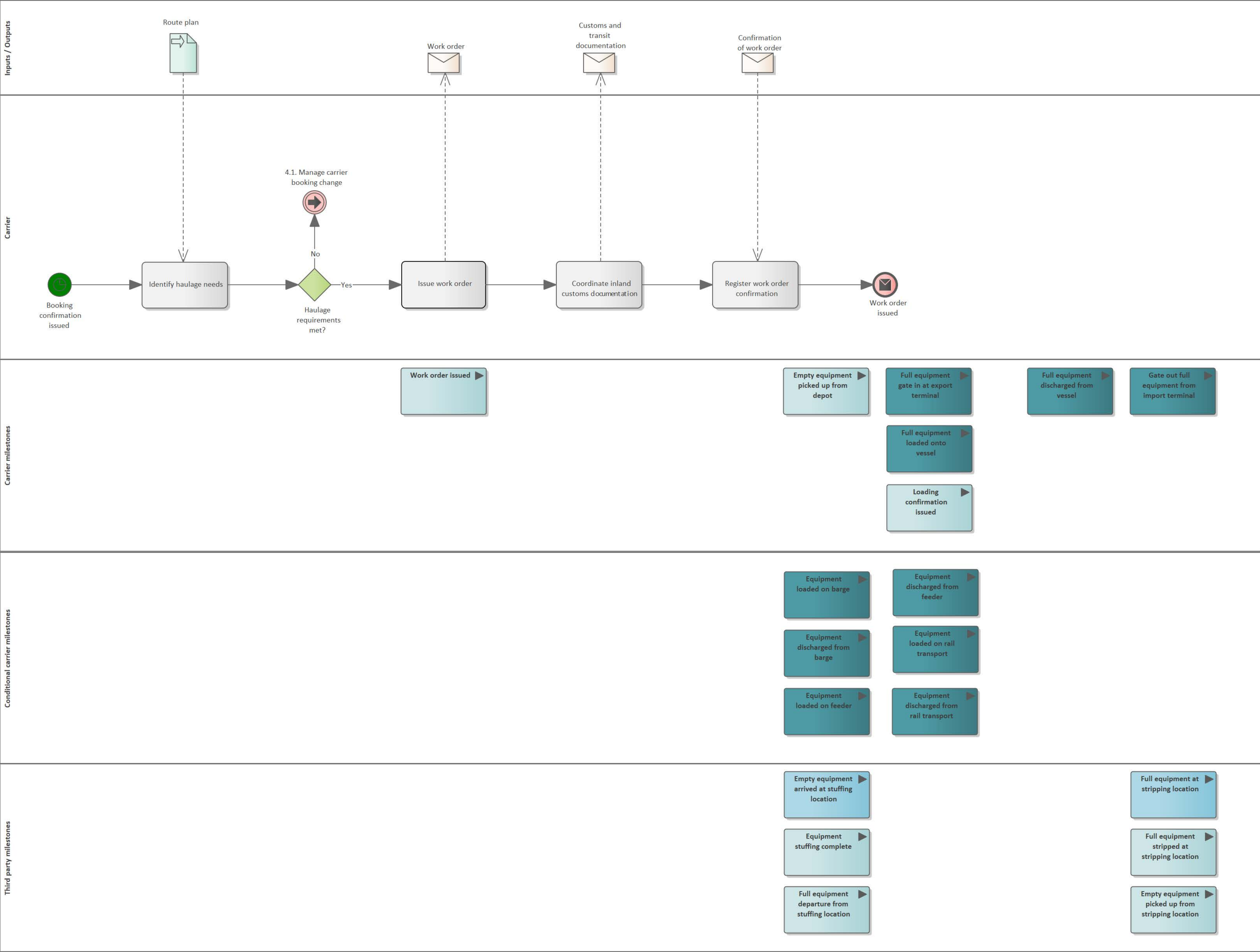
Carrier milestones

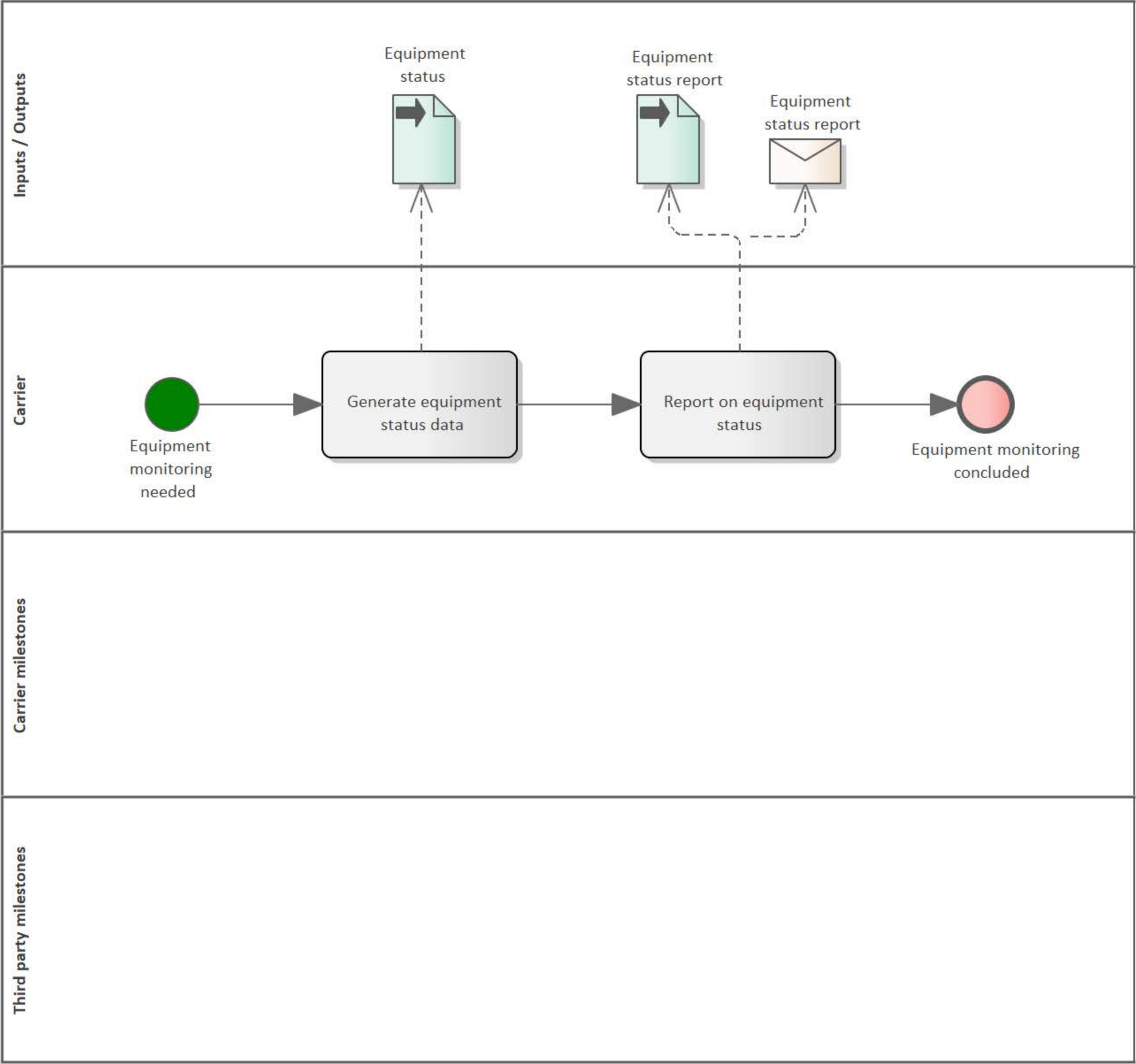
Third party milestones

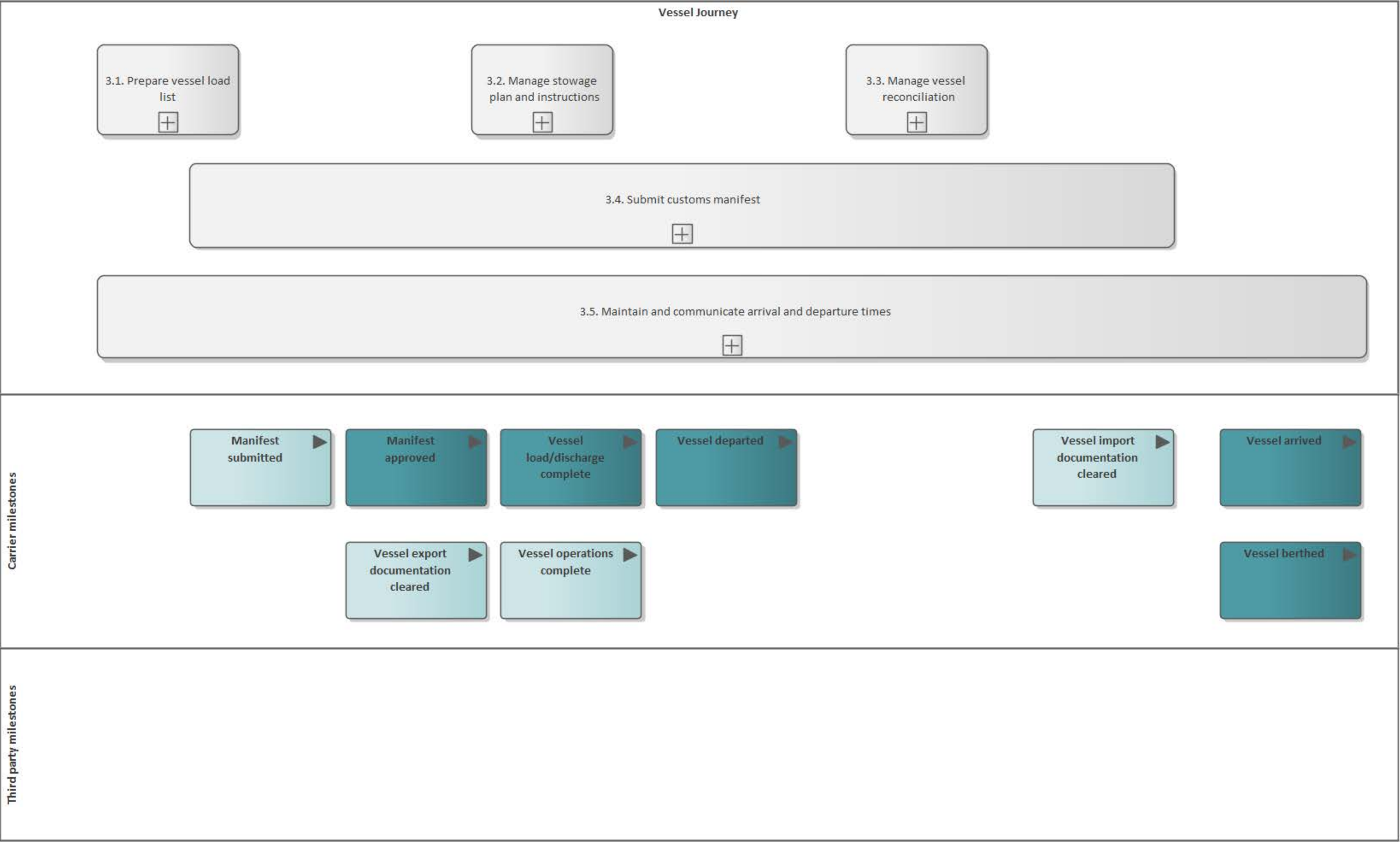


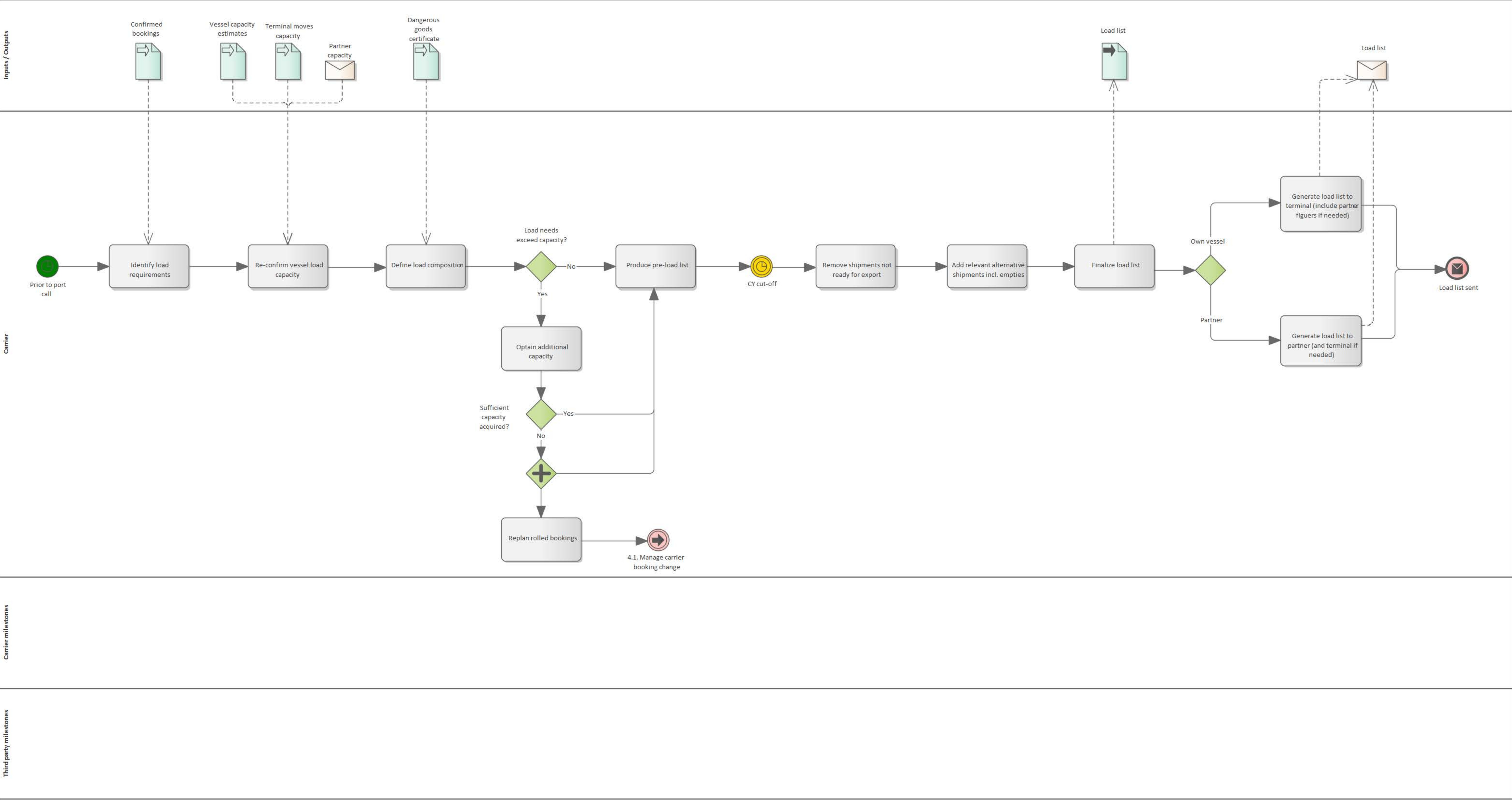


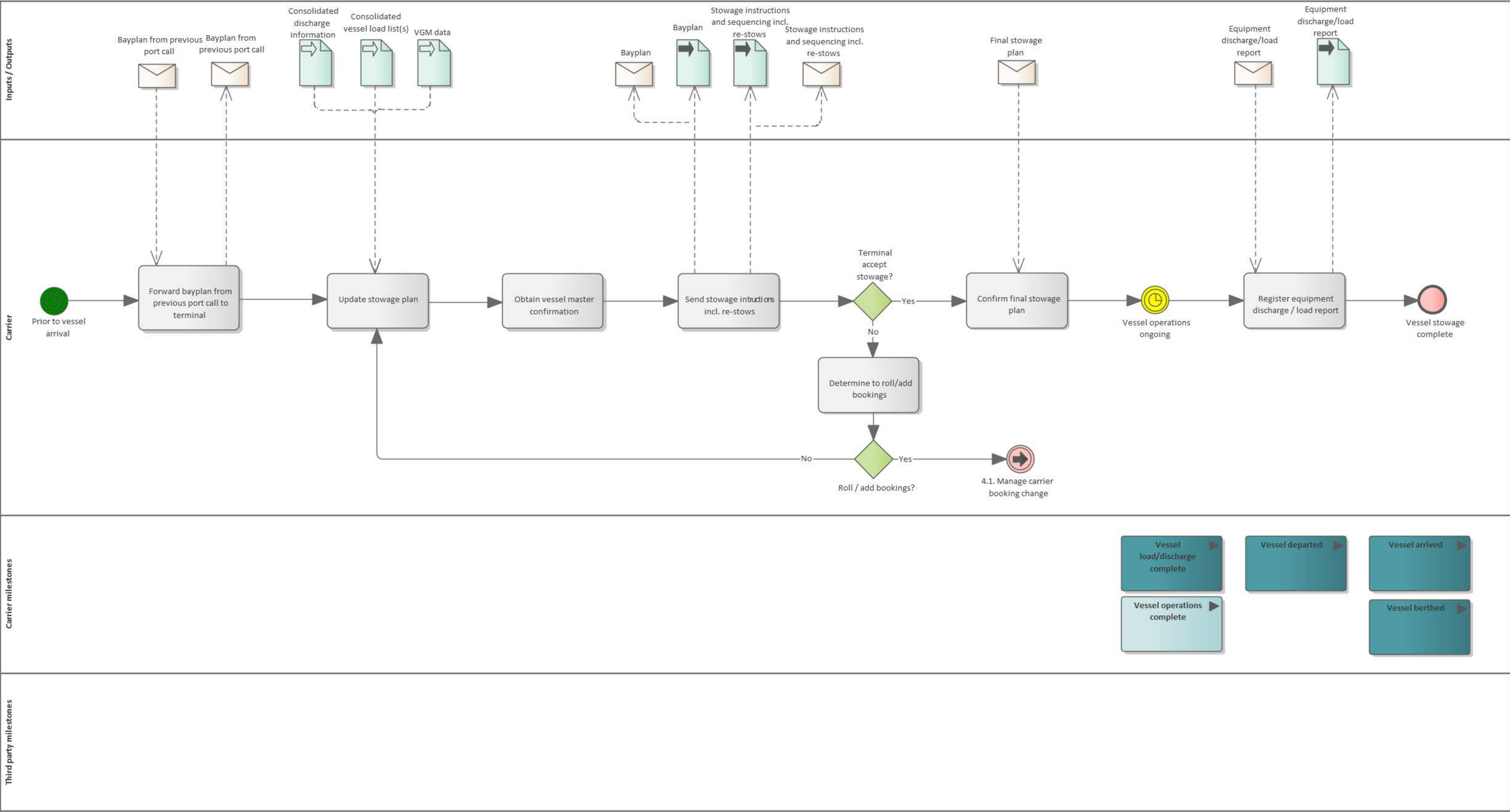


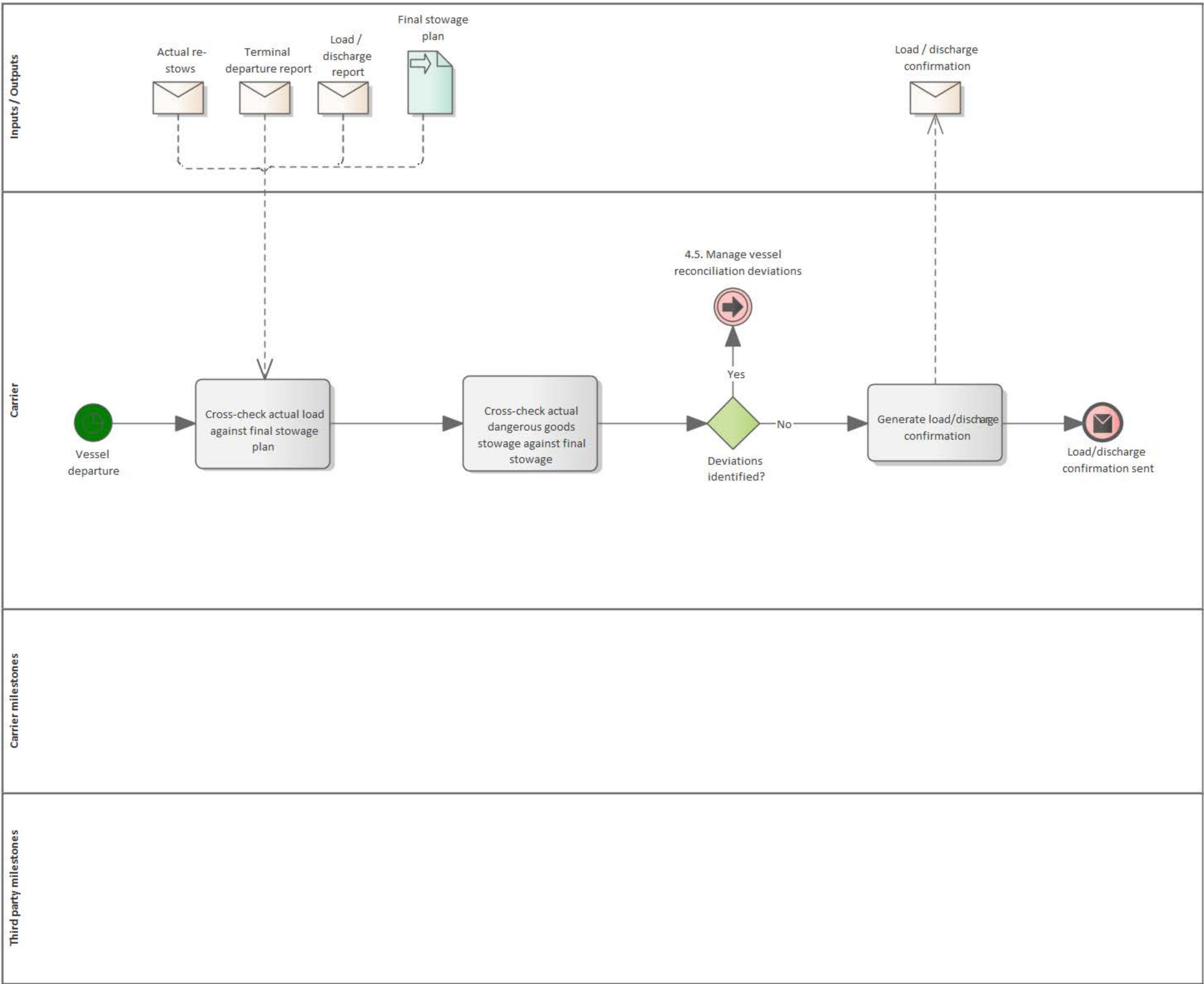




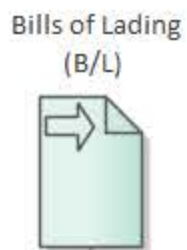








Inputs / Outputs



Carrier

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

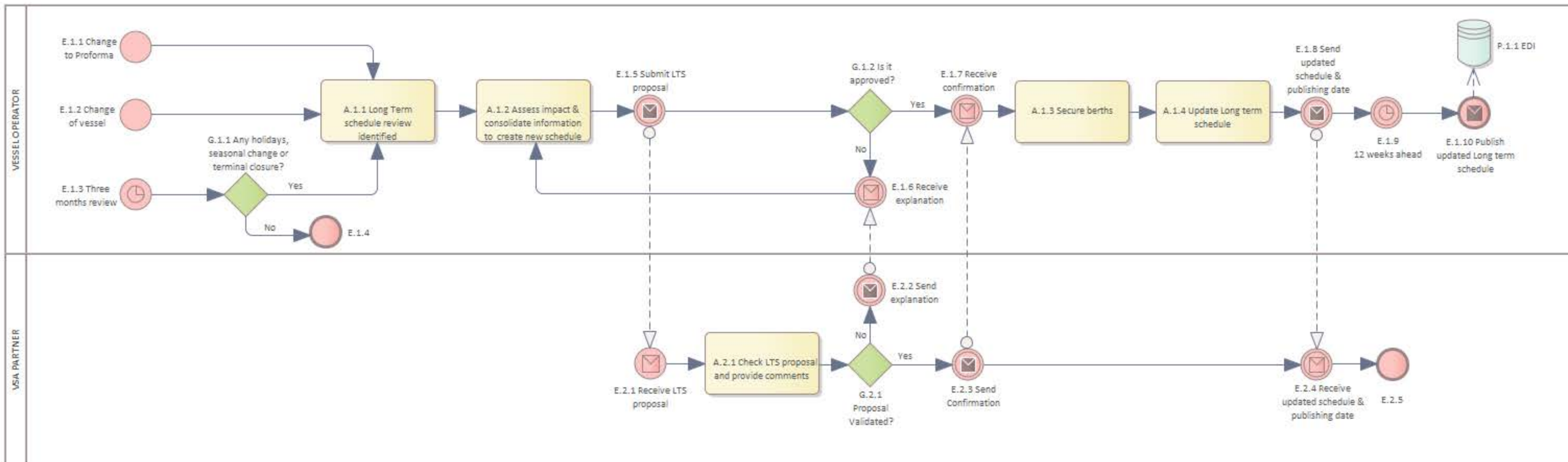
Vessel export
documentation
cleared

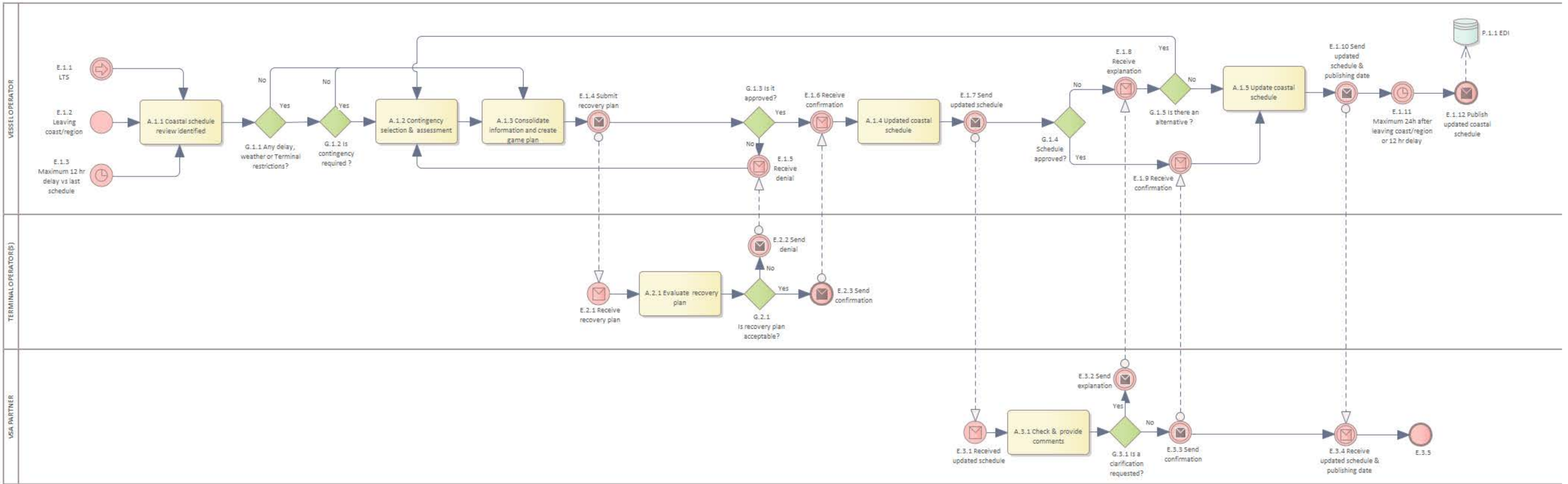
Vessel departed

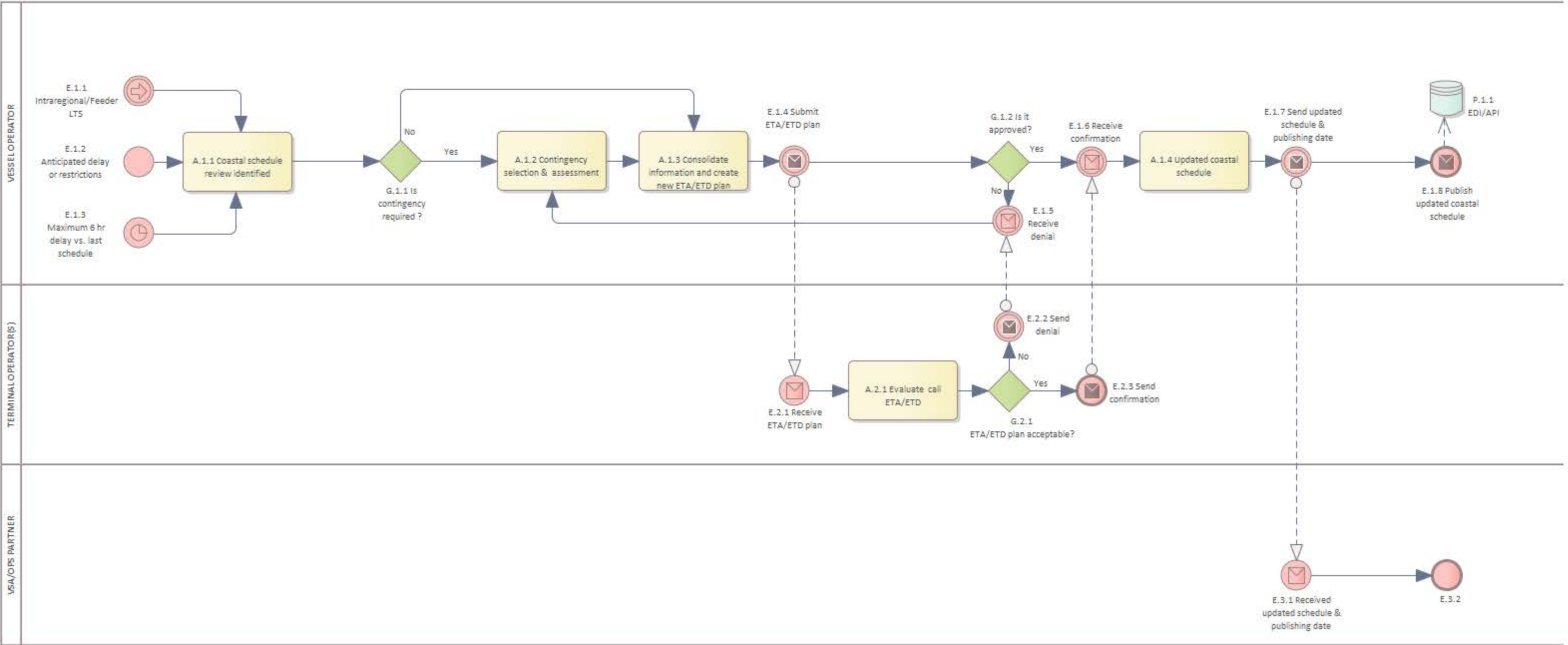
Vessel import
documentation
cleared

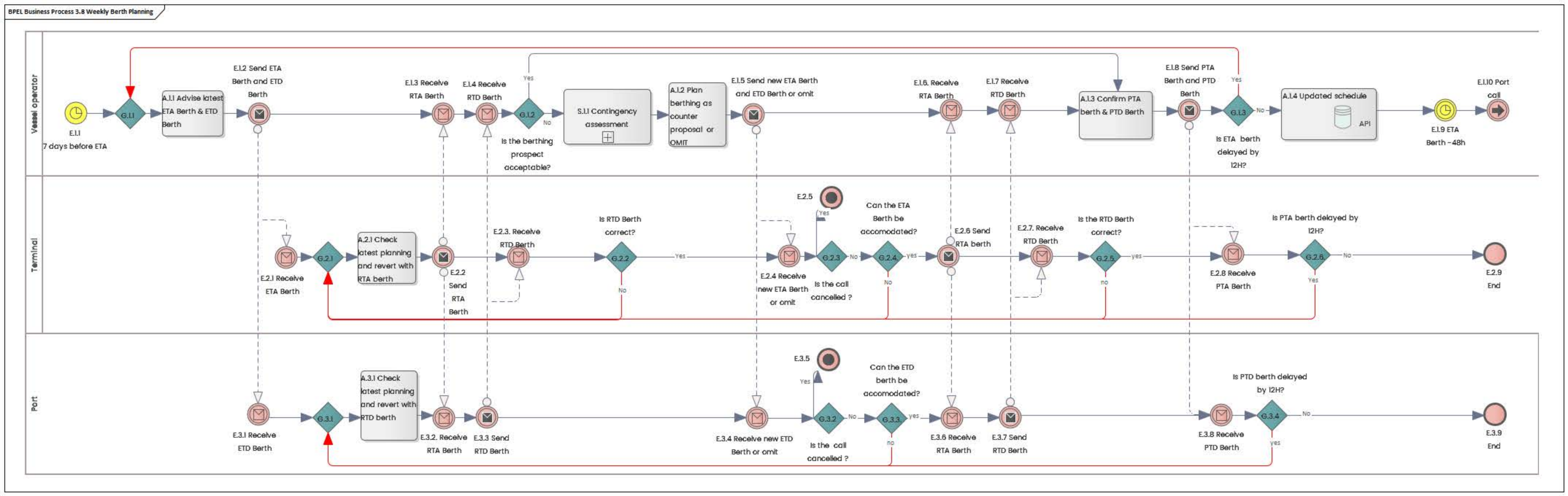
Vessel arrived

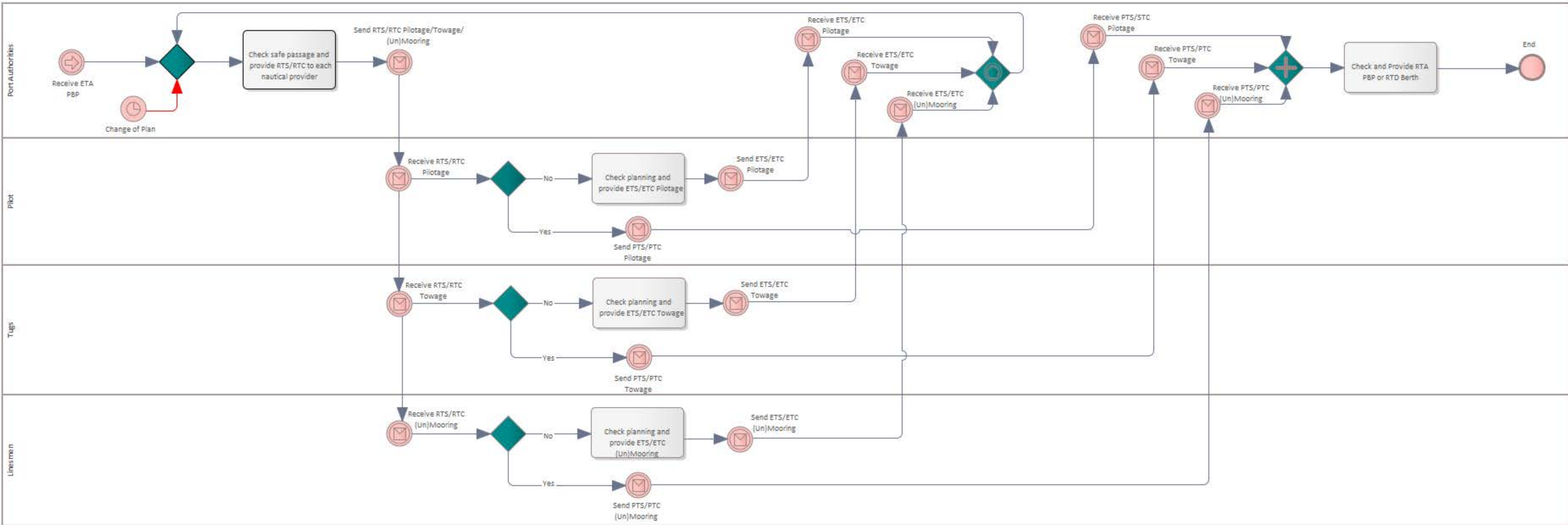
Third party milestones

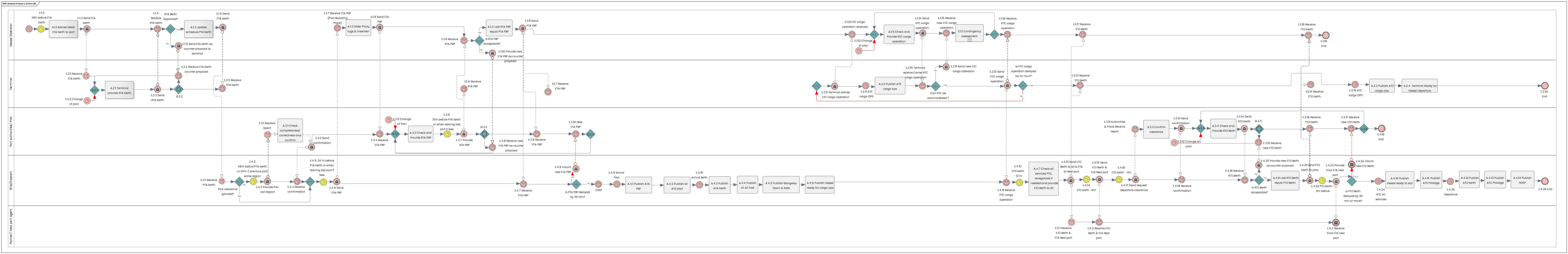


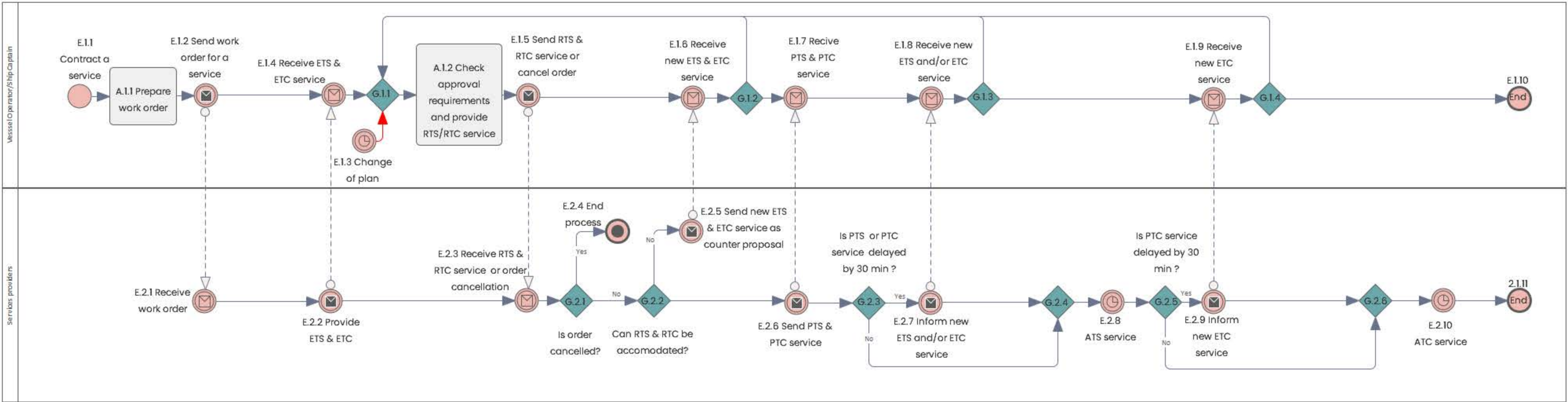












Carrier

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*

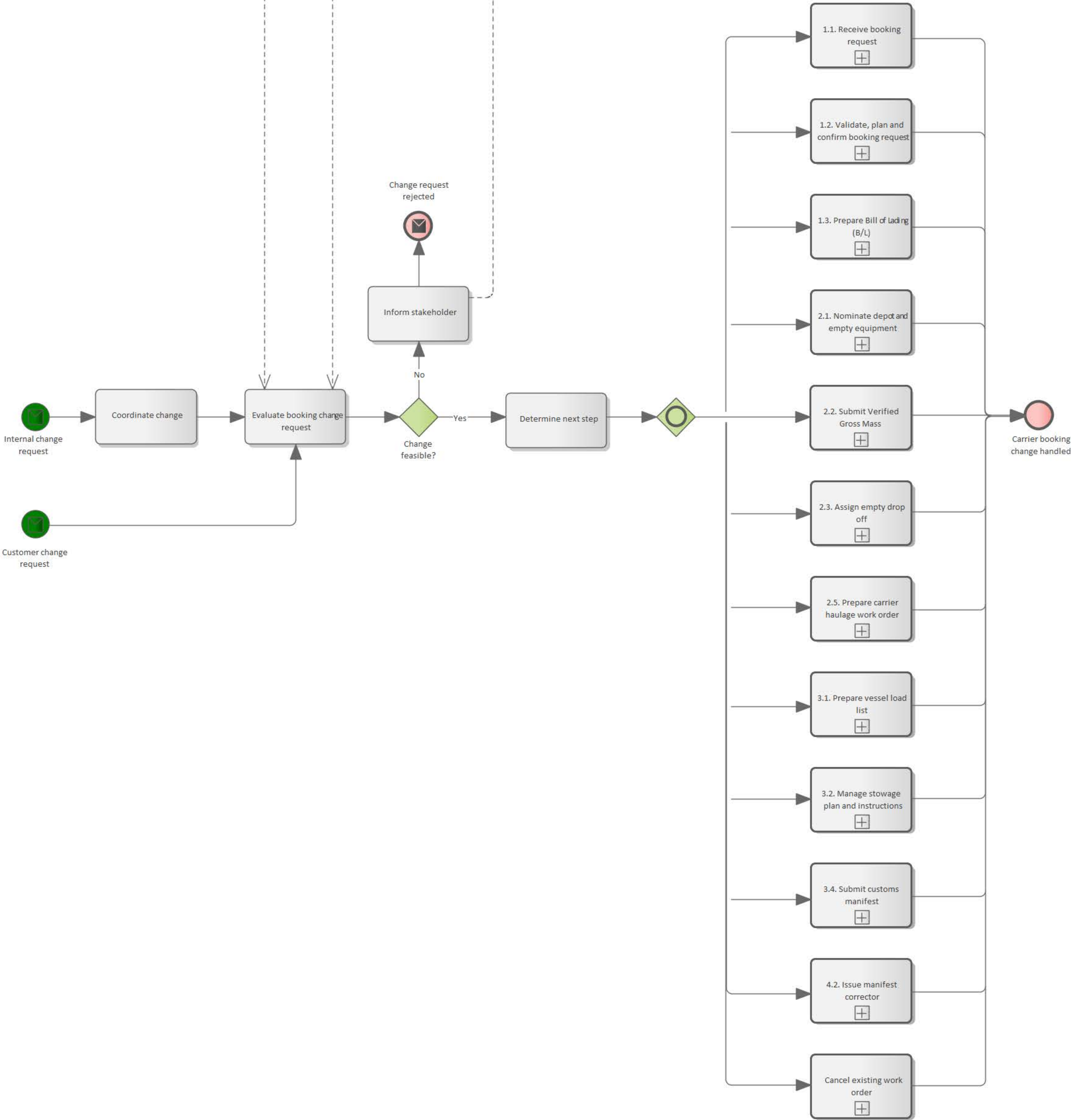
4.8. Manage re-use
allocation*

**: Not defined in Industry Blueprint 1.0*

Inputs / Outputs



Carrier



Carrier milestones

Third party milestones

