Level 1 Process Depiction

Definitions for Shipment Journey, Equipment Journey and Vessel Journey are included for the Level 1: Carrier Booking-to-Container Return end-to-end process.

1. Shipment Journey
   - Booking
     - 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
   - Payment

2. Equipment Journey
   - Pick-up
     - Equipment driven processes
     - Carrier driven processes
   - Return

3. Vessel Journey
   - Departure-to-Arrival
     - Activities required to execute a port call successfully
     - Preparation of vessel arrival and follow-up post vessel departure
     - "During sea passage" is excluded from the scope of Industry Blueprint 1.0
   - Post-shipping

Booking-to-Payment covers all activities and documentation processes related to a customer’s order.

Pick-up-to-Return covers all activities and documentation processes directly related to containers and/or physical container movements.

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.
Level 1 Process Depiction

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 2.0 are listed below.

1. Shipment Journey

- 1.1. Receive booking request
- 1.2. Validate, plan and confirm booking request
- 1.3. Prepare B/L
- 1.4. Release B/L
- 1.5. Issue arrival notice
- 1.6. Manage cargo release
- 1.7. Manage shipment closing

2. Equipment Journey

- 2.1. Nominate depot and empty equipment
- 2.2. Submit VGM
- 2.3. Assign empty drop off
- 2.4. Return empty equipment
- 2.5. Prepare haulage work order
- 2.6. Monitor equipment

3. Vessel Journey

- 3.1. Prepare vessel load list
- 3.2. Manage stowage plan and instructions
- 3.3. Manage vessel reconciliation
- 3.4. Submit customs manifest
- 3.5. Maintain and communicate arrival and departure times
- 3.6. Long Term Schedule
- 3.7. Coastal schedule

Exception Handling

- 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 deviations identified from vessel reconciliation
- 4.6. Manage asset malfunctions
- 4.7. Manage cargo surveys
- 4.8. Manage re-use allocation

*: These processes have not been mapped on level 3 in the Industry Blueprint 2.0

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Business Process 1.2.2: Complete reefer details

1.2. Validate, plan and confirm booking

- Identify equipment needs
- Register reefer details
- Reserve reefer
- Generate reservation confirmation
- Update pick up details

Request equipment

- Special reefer equipment needed?
  - Yes: Reserve reefer
  - No: Register reefer details

Reservation confirmation

1.2.4. Manage special cargo approval
Business Process 1.7. Manage shipment closing

Inputs/Outputs:
- Bill of Lading (B/L) status
- Confirmation of return
- Payment status

Carrier:
- Management of shipment closing needed
- Confirm collection of Bill of Lading (B/L)
- Confirm return of all equipment
- Confirm payment of receivables
- Shipment closed

Carrier milestones:
- Empty equipment assigned to shipment returned
- Payment cleared

Third party milestones:

Business Process 2.2: Submit Verified Gross Mass

1. **Register Verified Gross Mass details**
   - Weight data received

2. **Check if information is complete**
   - Yes: Request missing information
   - No: Missing/incomplete Verified Gross Mass information?
     - Yes: Prepare consolidated Verified Gross Mass for submission
     - No: Initiate roll over

3. **Request missing information**
   - Yes: Submit Verified Gross Mass (VGM)
   - No: Manage carrier booking change
Business Process 2.6. Monitor equipment

**Carrier**
- Equipment monitoring needed
  - Generate equipment status data
  - Report on equipment status
  - Equipment monitoring concluded

**Inputs/Outputs**
- Equipment status report
- Equipment status report

**Carrier milestones**

**Third party milestones**
Business Process 3.3. Manage vessel reconciliation

Carrier

Vessel departure

Cross-check actual load against final stowage plan

Cross-check actual dangerous goods stowage against final stowage

Deviation identified?

Yes

Generate load/discharge confirmation

Load/discharge confirmation sent

No

4.5. Manage vessel reconciliation deviations
Business Process 3.5. Maintain and communicate arrival and departure times

Inputs/Outputs:
- Actual vessel arrival/departure times
- Vessel schedule update
- Vessel schedule

Carrier:
- Update vessel position
- Verify vessel on schedule
- Publish the vessel schedule

Carrier milestones:
- Maintenance and communication of arrival and departure times needed

Third party milestones:
- Arrival and departure times maintained and communicated
Business Process 4. Exception Handling

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
Business Process 4.2. Issue manifest corrector

Carrier

Booking change after manifest submission

Submit manifest corrector

Register response

Manifest corrector accepted?

Check need for Letter of Indemnity

Letter of Indemnity needed?

Request Letter of Indemnity

Yes

No

Handle manifest corrector rejection.

Manifest corrected

Carrier milestones

Third party milestones
Business Process 4.3. Manage vessel reconciliation deviations

3.3. Manage vessel reconciliation

Investigate deviation reasons → Initiate correction

4.1. Manage carrier booking change

Carrier milestones

Third party milestones