Digital Container Shipping Association

Industry Blueprint – Container Shipping 1.0

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1. Shipment Journey

2. Equipment Journey

3. Vessel Journey

4. Exception Handling
1. Shipment Journey

1.1. Register booking request
1.2. Validate, plan and confirm booking request
1.3. Prepare Bill of Lading (B/L)
1.4. Release Bill of Lading (B/L)
1.5. Issue arrival notice
1.6. Manage cargo release
1.7. Manage shipment closing

- Booking received
- Booking confirmed
- Shipping instructions received
- Export payment cleared
- Arrival notice created
- Import payment cleared
- Empty equipment assigned to shipment returned
- Bill of Lading approved
- Bill of Lading finalized
- Arrival notice issued
- Bill of Lading collected
- Payment cleared
- Cargo released
Business Process 1.2.1. Complete dangerous goods details

1.2. Validate, plan and confirm booking

Register dangerous goods details

Cargo survey needed?

Yes

Check for missing information

No

1.2.4. Manage special cargo approval

Missing or incorrect information?

Yes

No

4.7. Manage cargo surveys

4.7. Manage cargo surveys
2. Equipment Journey

2.1 Nominate depot and empty equipment

2.2 Submit Verified Gross Mass

2.3 Assign empty drop off

2.4 Return empty equipment

2.5 Prepare carrier haulage work order

2.6 Monitor equipment

Empty equipment / depot allocated

Work order issued

Empty equipment picked up from depot

VGM submitted

Full equipment gate in at export terminal

Full equipment loaded onto vessel

Empty drop-off assigned

Full equipment discharged from vessel

Gate out full equipment from import terminal

Empty equipment returned

Loading confirmation issued

Equipment loaded on feeder

Equipment discharged from barge

Equipment discharged from rail transport

Equipment loaded on rail transport

Equipment discharged from feeder

Empty equipment arrived at stuffing location

Equipment stuffing complete

Full equipment departed from stuffing location

Full equipment at stripping location

Full equipment stripped at stripping location

Empty equipment picked up from stripping location
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
  - Equipment status report
  - Equipment status report

Carrier milestones:

Third party milestones:
Business Process 3.5. Maintain and communicate arrival and departure times

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 4.5. Manage vessel reconciliation deviations

Carrier

3.3. Manage vessel reconciliation

→ Investigate deviation reasons

→ Initiate correction

4.1. Manage carrier booking change

Carrier milestones

Third party milestones