



NMFTA Digital LTL Council

Product Requirements Document (PRD) for In Transit Visibility

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1 Purpose

In Transit Visibility will provide insight into a shipments movement as it navigates through the pickup and delivery process. Once the carrier has picked up the shipment, shippers will be able to understand where the shipment is as it is in transit between pickup and delivery.

This In Transit Visibility API will include all status updates along the path of the shipment and starts when the carrier acknowledges they have a shipment and ends when the carrier delivers the shipment to the receiver and the receiver acknowledges receipt.

1.1 Document Conventions

The In Transit Visibility process in this BRD is primarily outlined with a traditional happy-path, exception-free process whereas exceptions are outlined individually in their own workflow descriptions.

In addition, the following convention is used to specify type of event:

- **Verified In Transit Visibility Events:** These events are the verified parties to the shipment through login or explicit addition by authorized account holder. They are highlighted yellow to indicate communication to tracking stakeholders and denotes.
- **Public Tracking Events:** These events indicate what events and data are available to non-account owner parties and are highlighted green.

Ideally, a Push notification option is the preferred method for status updates as well as a pull method available to obtain the most recent status update.

2 Features and Deliverables

2.1 Requirements

Project features and deliverables include:

Feature	Description
Provide insight into the pickup address/place of origin for the commodity.	Includes address, accessorial codes, limited access types, etc. affiliated with the pickup address.
Provide insight into the destination for the commodity.	Includes address, accessorial codes, limited access types, etc. affiliated with the destination address.
Provide insight into the terminal related to the shipment.	Includes address, contact information, and the status at the terminal.
Provide details on the commodity and any shipment specific attributes.	Includes handling unit specifics for the freight and shipment, such as count, type, weight, height, width, length, etc. See In Transit Field Standard Definitions for more information.
Provide insight into the statuses of the shipment through all phases.	Includes status and carrier acknowledgements as well as notifications. See Happy Path Workflow Notification Definitions and Happy Path Workflow Exceptions for more information.
Provide the ability to Search for In-Transit shipments.	Search criteria for In-Transit shipments should have the options available in Shipment Lookup Options to identify a shipment dependent on the role and availability of data points of the stakeholders.
Capture details for missed deliveries and provide reason codes.	Includes the responsible party for a missed delivery as well as the reason code that map to general descriptions. See Reason Code Definitions for more information.
Continue feature list here.	

2.2 Business Rules

- In Transit Visibility starts when the carrier acknowledges they have a shipment.
- In Transit Visibility ends when the carrier delivers the shipment to the receiver and the receiver acknowledges receipt.
- Notifications trigger a status update from the carrier at time of event and are sent to all authorized parties affiliated with the shipment.

- Status updates are given throughout the path of the shipment. Status notifications grant visibility to stakeholders of the shipment to build trust and between business partners through greater transparency, prevent phone calls into the carrier's call centers, and facilitate the stakeholder to self-serve support with better data available.
- Exception codes are initiated by the carrier when changes occur during the shipping that may affect delivery timeliness.
- Reason codes capture the responsible party for a missed delivery as well as allow a single, normalized reason code for shippers and 3PLs to map general descriptions while providing each LTL carrier the ability to expand specific definitions within a category to match their internal reason codes within a common structure.
- Continue list here.

3 Use Cases, Definitions, & Workflows

3.1 Shipment Lookup Options

The Search criteria for In-Transit shipments should have the following options available to identify a shipment dependent on the role and availability of data points of the stakeholders. Expected Payloads are different if the query is made from behind a login / verified account or a public inquiry. Payloads outlined are suggested best practices to simplify consumption by stakeholders.

3.1.1 Public Shipment Status Queries

Query	Definition	Required Field(s)
Look up by Pro#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none">Original carrier assigned Pro#
Look up by BOL#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none">Shipper assigned Master BOL#Origin Postal Code
Look up by PO#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none">PO# on BOLDestination Postal Code

3.1.2 Public Shipment Data Response

NOTES:

- The **Required/Optional** column indicates whether the field should be included.
- The **Nullable/Not Nullable** column indicates whether the field contents may or may not be null.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
PRO	Required	Not Nullable	The pro number for the shipment.
BOL	Required	Not Nullable	The eBOL or BOL number for the shipment.
ShipmentID (shipperRef)	Required	Nullable	Shipper reference number for individual shipment – load #, shipment #, etc. This can also be the pro.
ORGcity	Required	Not Nullable	The city of origin for a given address.
ORGstate/province	Required	Not Nullable	The two-letter code for the city of origin for a given address.
ORGpostal code	Required	Not Nullable	The 10-digit (or 6-characters for Canada) zip code for the city of origin for a given address.
DEScity	Required	Not Nullable	The destination city for a given address.
DESstate/province	Required	Not Nullable	The two-letter code for the destination city for a given address.
DESpostal code	Required	Not Nullable	The 10-digit (or 6-characters for Canada) zip code for the destination city for a given address.
Shipment Milestone Status	Required	Not Nullable	Picked-up, In Transit, Interline, Out for Delivery, or Delivered.
Updated ETA	Required	Not Nullable	The updated date (with or without time) the shipment expected to be delivered.
Estimated Standard Day	Required	Not Nullable	Days in transit.

3.1.3 Verified Shipment Status Queries

Query	Definition	Required Field(s)
Look up by Pro#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none"> Original carrier assigned Pro#
Look up by BOL#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none"> Shipper assigned Master BOL# Origin Postal Code
Look up by PO#	Returns results for a single shipment that is an exact match.	<ul style="list-style-type: none"> PO# on BOL Destination Postal Code
Account # Query	Returns results for an array of shipments that match all criteria.	<ul style="list-style-type: none"> Bill to Party Account number (Validated by login) Starting date range of Pick-up Ending date Range of Pick-up

3.1.4 Verified Shipment Data Response

Minimum required fields are listed for each notification; however, carriers are encouraged to offer as many of the optional fields as are available and appropriate to enhance the notifications. Alternatively, a separate API request can be made for the most current full shipment data available.

NOTES:

- The Required/Optional column indicates whether the field should be included.
- The Nullable/Not Nullable column indicates whether the field contents may or may not be null.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
Ref Keys from EBOL Standards	Required		An array to hold reference fields.
PRO	Required	Not Nullable	The pro number for the shipment.
BOL	Required	Not Nullable	The EBOL or BOL number for the shipment.
QuoteID	Required	Nullable	Quote ID provided by carrier.
Shipment ID (shipperRef)	Required	Nullable	Shipper reference number for individual shipment - load #, shipment # etc. Can also be the pro.
MasterBOL	Required	Nullable	Shipper reference number for Pooled services.
PO	Required	Nullable	Purchase Order Number provided by Consignee.
Additional References	Required	Nullable	Cross reference PRO number provided by eBOL API.
Unique ID	Required	Not Nullable	Pro + SCAC + Date (YYYYMMDD)
Updated Pro	Required	Nullable	For interline or reconsignment.
Pay Type	Required	Not Nullable	Identifies terms of shipment (e.g., Prepaid or Collect).
Ship Type	Required	Not Nullable	Identifies the payor of the shipment (Shipper, Consignee, or Third Party).
Pickup Address form EBOL Standard	Required		An array to hold addresses.
ORGaddressLine1	Required	Not Nullable	The primary address line for the origin address.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
ORGaddressLine2	Required	Nullable	The secondary address line for the origin address.
ORGcity	Required	Not Nullable	The city for the origin address.
ORGstate/province	Required	Not Nullable	The two-letter state code for the origin address.
ORGpostalcode	Required	Not Nullable	The zip code for the origin address. Up to 10 digits plus dash/hyphen for US or 6 characters for Canada.
ORGaccessorial	Required	Nullable	Multiple accessorial from List tab [EBOL Accessorial Codes].
ORGLimited Access	Required	Nullable	Limited access type from List tab [EBOL v2.1 Limited Access Types].
Bill-to address from EBOL Standard	Required		An array to hold addresses.
BTaccountNumber	Required	Not Nullable	Account number for Bill To.
Consignee from EBOL Standard	Required		An array to hold addresses.
DESaddressLine1	Required	Not Nullable	The primary address line for the destination address.
DESaddressLine2	Required	Nullable	The secondary address line for the destination address.
DEScity	Required	Not Nullable	The city for the destination address.
DESstate/province	Required	Not Nullable	The two-letter state code for the destination address.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
DESPostalcode	Required	Not Nullable	The zip code for the destination address. Up to 10 digits plus dash/hyphen for US or 6 characters for Canada.
DESaccessorial	Required	Nullable	Multiple accessorial from List tab [EBOL Accessorial Codes].
DESLimited Access	Required	Nullable	Limited access type from List tab [EBOL v2.1 Limited Access Types].
Time Critical Types (TC)	Required	Nullable	Select Value from EBOL Standard Values on List tab.
TCdate	Required	Nullable	TC Date may or may not be included.
TCwindow Start	Required	Nullable	TC Start Time of Window.
TCwindow End	Required	Nullable	TC End Time of Window.
GrossWeight	Required	Not Nullable	Weight in pounds of total shipment.
Commodity Specific (COM1, COM2, COM3, etc.)	Optional		An array to hold commodity specific shipment attributes.
COM1description	Optional	Nullable	The description of the commodity.
COM1weight	Optional	Nullable	The weight of the commodity.
COM1weightUnit	Optional	Nullable	The unit of weight of the commodity in kg or lbs. The default is lbs.
COM1pieces	Optional	Nullable	The number of pieces of the commodity.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
COM1packagingType	Optional	Nullable	The packaging type from the EBOL Standards List for the commodity.
COM1classification	Optional	Nullable	The class of the commodity described. Classes included 50, 55, 60, 65, 70, 77.5, 85, 92.5, 100, 110, 125, 150, 175, 200, 250, 300, 400, 500, Not Required.
COM1nmfc	Optional	Nullable	The NMFC code of the commodity.
COM1nmfcSub	Optional	Nullable	The NMFC sub code of the commodity.
COM1hazardous	Optional	Nullable	Indicates whether the commodity is a hazardous material. Values are T (true) or F (false). The default is F.
COM1hazardousDescription	Optional	Nullable	The description of the hazardous material commodity.
COM1hazardousDetail	Optional	Nullable	Array of hazardous material attributes.
COM1hazmatContactName	Optional	Nullable	The name of who should be contacted if there is a hazardous materials-related issue with this commodity.
COM1hazmatContactPhoneNumber	Optional	Nullable	The phone number for the contact person for hazardous materials-related issues with this commodity.
COM1hazmatContractNumber	Optional	Nullable	The contract number for the contact person for hazardous materials-related issues with this commodity.
COM1Nested or Stacked	Optional	Nullable	Indicates whether the commodity is nested or stacked.
Handling Units Specific (HU1, HU2, HU3, etc.)	Optional		An array to hold handling unit specific shipment attributes.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
HU1count	Optional	Nullable	The number of handling units containing the described freight.
HU1type	Optional	Nullable	Handling units from EBOL Standards List (see Values on List tab).
HU1tareWeight	Optional	Nullable	Weight of packaging materials and handling units separate from commodity weight.
HU1weight	Optional	Nullable	The gross weight.
HU1weightUnit	Optional	Nullable	The unit of weight in kg or lbs. The default is lbs.
HU1length	Optional	Nullable	The length of the handling units being described.
HU1width	Optional	Nullable	The width of the handling units being described.
HU1height	Optional	Nullable	The height of the handling units being described.
HU1dimensionsUnit	Optional	Nullable	Indicates whether the unit dimensions are Metric or Imperial. The default is Imperial.
HU1stackable	Optional	Nullable	Indicates whether the freight is stackable. Values are T (true) or F (false). The default is F.
Shipment Location	Optional	Nullable	An array to hold information on shipment location and status.
Shipment Milestone Status	Required	Not Nullable	Indicates whether the status is Pick-up, In Transit, Interline, Out for Delivery, or Delivered.
Terminal ID	Required	Nullable	The Carrier-specific terminal ID.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
TERMAccessLine1	Required	Nullable	The primary address line for the terminal's address.
TERMAccessLine2	Required	Nullable	The secondary address line for the terminal's address.
TERMcit	Required	Nullable	The city for the terminal's address.
TERMstate/province	Required	Nullable	The two-letter state code for the terminal's address.
TERMpostalcode	Required	Nullable	The zip code for the terminal's address. Up to 10 digits plus dash/hyphen for US or 6 characters for Canada.
TERMcoun	Required	Nullable	The country (CAN, MEX, USA) for the terminal's address.
TERMcontactName	Required	Nullable	The contact's name for the terminal.
TERMphoneNumber	Required	Nullable	The phone number for the terminal's contact.
TERMphoneNumber Ext	Required	Nullable	The phone number extension for the terminal's contact.
TERMemail address	Required	Nullable	The email address for the terminal's contact.
Terminal Status	Required	Nullable	Indicates the status (Arrived, Unloaded, Loaded, Departed) at the terminal.
Time Zone of Shipment	Required if Time values are used	Nullable	The time in UTC (-X format) of current location.
Updated ETA	Required	Not Nullable	The updated date, with or without time, that the shipment is expected to be delivered.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
Estimated Standard Day	Required	Not Nullable	The days in transit.
Estimated Delivery Date	Required	Not Nullable	The original date, with or without time, that the shipment was expected to be delivered.
OFD Stops Away	Optional	Nullable	Indicates the number of stops away from the delivery destination, such as 3, 2, or 1 stop away.
Reconsignment	Required	Nullable	Indicates if the shipment was reconsigned in transit. Values are T (true) or F (false). The default is F.
Shipment Shortage	Required	Nullable	Indicates if product was lost in transit. Values are T (true) or F (false). The default is F.
Shipment Damage	Required	Nullable	Indicates if the product was damaged in transit. Values are T (true) or F (false). The default is F.
All Short or Lost Shipment	Required	Nullable	Indicates if this shipment is entirely lost in transit. Values are T (true) or F (false). The default is F.
Late	Required	Nullable	Indicates if the shipment is going to be later than the original delivery date. Values are T (true) or F (false). The default is F.
Delay Reason	Required if Late = True	Nullable	List of reason code on the List tab [Delay Reason Codes].
Appointment Required	Required	Not Nullable	Indicates if an appointment is required. Values are T (true) or F (false). The default is F.
Appointment Status	Required if Appointment = True	Nullable	Indicates an appointment status of Requested, Secured, or Missed.

Field Name	Required/ Optional	Nullable/ Not Nullable	Description
Appointment Date	Required if Appointment = True	Nullable	The original date and time of the appointment.
Partner Carrier Name	Required if Shipment Milestone = Interline	Nullable	The Interline or Agent Carrier's Name.
Partner Carrier SCAC	Required if Shipment Milestone = Interline	Nullable	The Interline or Agent Carrier's SCAC.
Cross border	Required	Nullable	Indicates if cross border services are required. Values are T (true) or F (false). The default is F.
Cross border status	Required if Cross border = True	Nullable	Indicates a status of In Bond, Hold, or Cleared Customs.
Cross border Entry#	Optional	Nullable	The entry authorization number.
POD Available	Optional	Not Nullable	Indicates if POD is available. Values are T (true) or F (false). The default is F.

3.2 Happy Path Workflow Notification Definitions

3.2.1 Change of Custody Notifications

The In-Transit visibility begins with change of custody from the shipper to the carrier with necessary documents executed (BOL signed, E-BOL, or trailer swap) and the physical custody of the freight in the carrier's possession. The scenario used is a US domestic origin and destination without accessorial services required and serviced directly by a single carrier.

Notification	Definition	Required Field(s)
Departing Origin Notification	This message alerts stakeholders that the shipment has left the shipper's dock. Included in the message are dependent on the carrier's capabilities. Carriers that can send more information are always encouraged to do so.	<ul style="list-style-type: none"> • Shipment Reference Numbers (per E-BOL Spec) • Shipment Milestone Status (Picked Up) • Origin Data (per E-BOL specs)
Shipment Milestone Status changed to: Picked-up		<ul style="list-style-type: none"> • Delivery Terminal Status: Picked Up • Shipment Reference Numbers (per E-BOL Spec)

3.2.2 Origin Terminal Notifications

This message alerts stakeholders that the shipment has arrived at the originating terminal and provides critical data points as to the location and contact information of that terminal. Subsequent terminal status updates are each presented as a separate tracking events within that terminal.

Notification	Definition	Required Field(s)
Arrived at Terminal	Origin Terminal arrival from shipper location	<ul style="list-style-type: none"> • Terminal Status: Arrived • Shipment Reference Numbers (per E-BOL Spec) • Origin Terminal Identifier (String provided by carrier) • Origin Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Origin Terminal Phone Number • Origin Terminal E-mail Address
Shipment Milestone Status changed to: In-Transit		<ul style="list-style-type: none"> • Delivery Terminal Status: In-transit • Shipment Reference Numbers (per E-BOL Spec) • Estimated Delivery Date: Estimated Date

Notification	Definition	Required Field(s)
Unloaded at Terminal	Freight is stripped from the originating trailer and is on the dock of the terminal	<ul style="list-style-type: none"> • Terminal Status: Unloaded • Shipment Reference Numbers (per E-BOL Spec) • Origin Terminal Identifier (String provided by carrier) • Origin Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Origin Terminal Phone Number • Origin Terminal E-mail Address
Loaded at Terminal	Shipment loaded on departing trailer to next terminal or out for delivery	<ul style="list-style-type: none"> • Terminal Status: Loaded • Shipment Reference Numbers (per E-BOL Spec) • Origin Terminal Identifier (String provided by carrier) • Origin Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Origin Terminal Phone Number • Origin Terminal E-mail Address
Departed Terminal	Trailer with shipment has left the dock of the origin terminal	<ul style="list-style-type: none"> • Terminal Status: Departed • Shipment Reference Numbers (per E-BOL Spec) • Origin Terminal Identifier (String provided by carrier) • Origin Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Origin Terminal Phone Number • Origin Terminal E-mail Address

3.2.3 Intermediate Terminal Notifications

Once freight has departed the Origin terminal it is either enroute to an intermediate terminal, a delivery terminal or out for delivery if local. Holds and other exceptions again will be covered later.

Notification	Definition	Required Field(s)
Arrived at Intermediate Terminal	Intermediate Terminal arrival from previous terminal	<ul style="list-style-type: none"> • Intermediate Terminal Status: Arrived • Shipment Reference Numbers (per E-BOL Spec) • Intermediate Terminal Identifier (String provided by carrier) • Intermediate Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Intermediate Terminal Phone Number • Intermediate Terminal E-mail Address
Unloaded at Intermediate Terminal	Freight is stripped from the originating trailer and is on the dock of the terminal	<ul style="list-style-type: none"> • Intermediate Terminal Status: Unloaded • Shipment Reference Numbers (per E-BOL Spec) • Intermediate Terminal Identifier (String provided by carrier) • Intermediate Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Intermediate Terminal Phone Number • Intermediate Terminal E-mail Address

Notification	Definition	Required Field(s)
Loaded at Intermediate Terminal	Shipment loaded on departing trailer to next terminal or out for delivery	<ul style="list-style-type: none">• Intermediate Terminal Status: Loaded• Shipment Reference Numbers (per E-BOL Spec)• Intermediate Terminal Identifier (String provided by carrier)• Intermediate Terminal Address Object (Address 1, Address 2, City, State, Postal Code)• Intermediate Terminal Phone Number• Intermediate Terminal E-mail Address
Departed Intermediate Terminal	Trailer with shipment has left the dock of the Intermediate terminal	<ul style="list-style-type: none">• Intermediate Terminal Status: Departed• Shipment Reference Numbers (per E-BOL Spec)• Intermediate Terminal Identifier (String provided by carrier)• Intermediate Terminal Address Object (Address 1, Address 2, City, State, Postal Code)• Intermediate Terminal Phone Number• Intermediate Terminal E-mail Address

3.2.4 Delivery Terminal Notifications

Once freight has departed the previous terminal it is either enroute to a delivery terminal, or out for delivery if local. Holds and other exceptions again will be covered later.

Notification	Definition	Required Field(s)
Arrived at Delivery Terminal	Delivery Terminal arrival from previous terminal	<ul style="list-style-type: none"> • Delivery Terminal Status: Arrived • Shipment Reference Numbers (per E-BOL Spec) • Delivery Terminal Identifier (String provided by carrier) • Delivery Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Delivery Terminal Phone Number • Delivery Terminal E-mail Address
Unloaded at Delivery Terminal	Freight is stripped from the originating trailer and is on the dock of the terminal.	<ul style="list-style-type: none"> • Delivery Terminal Status: Unloaded • Shipment Reference Numbers (per E-BOL Spec) • Delivery Terminal Identifier (String provided by carrier) • Delivery Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Delivery Terminal Phone Number • Delivery Terminal E-mail Address

Notification	Definition	Required Field(s)
Loaded at Delivery Terminal	Shipment loaded on departing trailer out for delivery.	<ul style="list-style-type: none"> • Delivery Terminal Status: Loaded • Shipment Reference Numbers (per E-BOL Spec) • Delivery Terminal Identifier (String provided by carrier) • Delivery Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Delivery Terminal Phone Number • Delivery Terminal E-mail Address
Departed Delivery Terminal	Trailer with shipment has left the dock of the delivery terminal.	<ul style="list-style-type: none"> • Delivery Terminal Status: Departed • Shipment Reference Numbers (per E-BOL Spec) • Delivery Terminal Identifier (String provided by carrier) • Delivery Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Delivery Terminal Phone Number • Delivery Terminal E-mail Address
Shipment Milestone Status changed to: Out for Delivery	This status is reserved for final delivery to consignee not to an agent or interline partner.	<ul style="list-style-type: none"> • Delivery Terminal Status: Out for Delivery • Shipment Reference Numbers (per E-BOL Spec)
Stop Counts to Delivery:	Starting from within 3 Stops from Shipment Delivery Indicate the number of stops until that order delivery is scheduled. No timing estimates nor mileage only the number of stops. Update the count down from 3 to 2 to 1.	<ul style="list-style-type: none"> • Stop Counts to Delivery Array of 3-1 • Shipment Reference Numbers (per E-BOL Spec)

Notification	Definition	Required Field(s)
Shipment Milestone Status changed to: Delivered	Only updated with change of custody to final consignee, not upon transfer to Interline partner carrier.	<ul style="list-style-type: none"> • Delivery Terminal Status: Delivered • Shipment Reference Numbers (per E-BOL Spec)
POD Available	Indication from the carrier that an image of the POD is available for retrieval.	<ul style="list-style-type: none"> • Shipment Reference Numbers (per E-BOL Spec) • POD Available: Yes

3.2.5 Exception Notifications

The exceptions below are to trigger a status update from the carrier on occurrence to validated parties of the shipment.

Notification	Definition	Required
Noted Late	When a shipment is expected to be delivered late by a day or more.	<ul style="list-style-type: none"> • Delivery Status: Delayed • Delayed Reason Code: See Delay Reason Code Definitions. • Shipment Reference Numbers (per E-BOL Spec)
Noted Damage	When a shipment is noted to have damaged caused within transit.	<ul style="list-style-type: none"> • Status: Damaged • Shipment Reference Numbers (per E-BOL Spec)
Noted Short or Lost	When a shipment is noted to as missing elements or lost completely.	<ul style="list-style-type: none"> • Status: Short • Status: Lost • Shipment Reference Numbers (per E-BOL Spec)
Noted Reweigh	When a shipment is noted as reweighed.	<ul style="list-style-type: none"> • Status: Reweighed • Shipment Reference Numbers (per E-BOL Spec)

Notification	Definition	Required
Noted Accessorial Added	When a shipment is noted as requiring additional accessorial services.	<ul style="list-style-type: none"> • Status: Accessorial Added • Shipment Reference Numbers (per E-BOL Spec)
Reconsignment Notification	When a shipment is requested to be re-consigned.	<ul style="list-style-type: none"> • Status: Reconsignment Requested • Shipment Reference Numbers (per E-BOL Spec)
Appointment Scheduled	When an appointment is scheduled.	<ul style="list-style-type: none"> • Status: Appointment Scheduled • Appointment: Date and Time • Shipment Reference Numbers (per E-BOL Spec)
Appointment Missed	When a scheduled appointment is missed. Include the reason codes and details of the code breakdown.	<ul style="list-style-type: none"> • Status: Appointment Missed • Appointment: Date and Time • Reason Code: e.g., 400-2 • Responsible Party: e.g., Customer Error • Major Status Category: e.g., Closed Shipment • General Description: e.g., Delivery Request Cancelled • Carrier Specific Description: e.g., Customer Request Cancelled • Shipment Reference Numbers (per E-BOL Spec)
Appointment Rescheduled	When an appointment is rescheduled.	<ul style="list-style-type: none"> • Status: Appointment Rescheduled • Appointment: Date and Time • UTC Offset • Shipment Reference Numbers (per E-BOL Spec)

Notification	Definition	Required
Missed Delivery	<p>When a shipment failed to deliver as expected.</p> <p>See Delivery Exception Reason Code Definitions for information on the reason codes.</p>	<ul style="list-style-type: none"> • Delivery Status: Missed Delivery • Reason Code: e.g., 310-2 • Responsible Party: e.g., Carrier Action • Major Status Category: e.g., Reschedule • General Description: e.g., Carrier Not Able to Serve • Carrier Specific Description: e.g., Equipment Breakdown • Shipment Reference Numbers (per E-BOL Spec) • Service Level

3.3 Happy Path Workflow Exceptions

Below are status updates for exceptions to the “Happy Path” scenario. Some may deviate the happy path workflow others are simple notifications of change, other exceptions will provide detailed reason codes. All the proposed exception codes are initiated by the carrier when changes occur during the shipping that may affect delivery timeliness. The status notifications are to grant visibility to stakeholders of the shipment to build trust and between business partners through greater transparency, prevent phone calls into the carrier’s call centers, and facilitate the stakeholder to self-serve support with better data available.

3.3.1 Customer Pick-up / Drop off to Terminal Use Case

If a customer picks up freight from a terminal the status is immediately moved to “Delivered”. If a customer drops off freight at the terminal the status is immediately set to “In Transit”. All other protocols and workflows apply.

3.3.2 Appointment Status Use Case

During In-Transit to the delivery there are various status points that can be updated, or data shared regarding appointments. Note that the appointment exceptions codes are included with the delivery exception tables as many of them are redundant.

Status Update	Definition	Required Field(s)
Pick-up Appointment Status Updates		<ul style="list-style-type: none"> • Actual Pick-up Appointment Date and Time • UTC Offset
Delivery Appointment Instructions		<ul style="list-style-type: none"> • Appointment Required • Appointment Status • Appointment Date • Time Critical Type • TC Window Start Date and Time • TC Window End Date and Time • UTC Offset
Delivery Appointment Status Updates		<ul style="list-style-type: none"> • Array of values: <ul style="list-style-type: none"> – Estimated Delivery Day – Time Critical Type – Appointment Required – Appointment Status – Appointment Date – Updated ETA • UTC Offset

3.3.3 Interline Carrier Use Case

If an Interline carrier is used, then partner carrier documentation is required.

Status Update	Definition	Required Field(s)
Shipment Milestone Status changed to: Interline	Note it will remain in that status until custody has changed to consignee	<ul style="list-style-type: none"> • Delivery Terminal Status: Interline • Shipment Reference Numbers (per E-BOL Spec)
Arrived at Interline Terminal	Upon arrival at the Interline Terminal from a carrier terminal or serves as the Origin terminal if Interline carrier served as the pick-up agent.	<ul style="list-style-type: none"> • Interline Carrier Name • Interline Carrier SCAC • Interline Carrier Pro# • Interline Terminal Status: Arrived • Shipment Reference Numbers (per E-BOL Spec) • Interline Terminal Identifier (String provided by carrier) • Interline Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Interline Terminal Phone Number • Interline Terminal E-mail Address
Unloaded at Interline Terminal (Optional)	Freight is stripped from the originating trailer and is on the dock of the terminal	<ul style="list-style-type: none"> • Interline Terminal Status: Unloaded • Shipment Reference Numbers (per E-BOL Spec) • Interline Terminal Identifier (String provided by carrier) • Interline Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Interline Terminal Phone Number • Interline Terminal E-mail Address

Status Update	Definition	Required Field(s)
Loaded at Interline Terminal (Optional)	Shipment loaded on departing trailer to next terminal or out for Interline	<ul style="list-style-type: none"> • Interline Terminal Status: Loaded • Shipment Reference Numbers (per E-BOL Spec) • Interline Terminal Identifier (String provided by carrier) • Interline Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Interline Terminal Phone Number • Interline Terminal E-mail Address
Departed Interline Terminal	Trailer with shipment has left the dock of the Interline terminal	<ul style="list-style-type: none"> • Interline Carrier Name • Interline Carrier SCAC • Interline Carrier Pro# • Interline Terminal Status: Departed • Shipment Reference Numbers (per E-BOL Spec) • Interline Terminal Identifier (String provided by carrier) • Interline Terminal Address Object (Address 1, Address 2, City, State, Postal Code) • Interline Terminal Phone Number • Interline Terminal E-mail Address

3.3.4 Cross Border Specific Data Elements

In the case of cross border shipments, additional status updates will be employed.

Status Update	Definition	Required Field(s)
Identify Customs Broker		<ul style="list-style-type: none"> Customs Agent: Customs Broker (per EBOL Specs) Shipment Reference Numbers (per E-BOL Spec)
Status Update		<ul style="list-style-type: none"> Customs Agent: Customs Broker (per EBOL Specs) Shipment Reference Numbers (per E-BOL Spec) Status of: In Bond, Hold, or Cleared Customs Entry# (if available)

3.4 Reason Code Definitions

3.4.1 Delivery Exception Reason Code Definitions

The table structure below captures the responsible party for a missed delivery as well as allowing a single normalized reason code for shippers and 3PLs to map general descriptions while providing each LTL carrier the ability to expand specific definitions within a category to match their internal reason codes within a common structure.

EXAMPLE:

310-2 Carrier Error Reschedule Carrier not able to service 310 2 Equipment Breakdown

Responsible Party			Major Status Category				Digital Council Standard Messaging	Digital Council defined codes	Carrier defined	Carrier Defined sub codes for internal processing (example for reference only)
			100	200	300	400		x00-x90	0-999	
Carrier Action	Shipper Action	No Fault	Delivery Complete	Delivery w/ Exception	Reschedule	Closed Shipment	General Description	Basic Messaging Code	Sub Code	Carrier Detailed Description
		x	x				Success	100	1	Delivered Full and Complete
		x	x				Success	100	2	Delivered Full and Complete within Appointment
x				x			Delivery made with exception	200	1	Delivered with superficial damage
x				x			Delivery made with exception	200	2	Delivered with noted Product Damage
x				x			Delivery made with exception	200	3	Delivered Short
	x			x			Delivery made with exception	200	4	Waiting on Inspection
x					x		Carrier not able to service	310	1	Area not serviced today
x					x		Carrier not able to service	310	2	Equipment Breakdown
	x				x		Carrier not able to service	310	3	Customer request to reschedule
x					x		Carrier not able to service	310	4	Dispatch error
x					x		Carrier not able to service	310	5	Driver cut off
x					x		Carrier not able to service	310	6	End of day
x					x		Carrier not able to service	310	7	Delivery terminal capacity constraint
x					x		Carrier not able to service	310	8	Accident
	x				x		Carrier not able to service	310	9	Bad Address Data
	x				x		Carrier not able to service	310	10	Hold For Payment
	x				x		Appointment Issue	320	1	Need Contact Information
	x				x		Appointment Issue	320	2	Need Appointment Number
	x				x		Appointment Issue	320	3	Pending consolidation to full trailer
	x				x		Appointment Issue	320	4	Left message requesting appointment
		x			x		Weather	390	1	Inclement weather
		x			x		Civil Event	390	2	Civil Event
	x				x		Consignee Closed	330	1	Consignee closed - reschedule
	x				x		Consignee Closed	330	2	Consignee closed due to holiday (dispatcher)
	x				x		Consignee Closed	330	3	Consignee closed due to holiday (driver)
	x					x	Duplicate	450	1	Duplicate delivery (dispatcher)
	x					x	Duplicate	450	2	Duplicate delivery (driver)
	x					x	Delivery request cancelled	400	1	Consignee closed - cancel
	x					x	Delivery request cancelled	400	2	Customer request to hold at terminal
	x					x	Delivery request cancelled	400	3	Customer request to cancel
x						x	Carrier not able to service	410	1	Embargo/capacity constraint
x						x	Carrier not able to service	410	2	Equipment not available
x						x	Prohibited items	440	1	Prohibited or restricted freight (dispatcher)
x						x	Prohibited items	440	2	Prohibited or restricted freight (driver)
	x					x	Consignee Closed	430	1	Consignee closed due to strike (dispatcher)
	x					x	Consignee Closed	430	2	Consignee closed due to strike (driver)
	x					x	Unable to Access Consignee	460	1	Unable to access delivery location
	x					x	Unable to Access Consignee	460	2	Unable to contact Consignee for appointment
	x					x	Unable to Access Consignee	460	3	Refused Delivery

3.4.2 Delay Reason Code Definitions

NOTE:

List values and reason codes not listed below follow the latest published eBOL Standard.

Reason Code	Meaning	Customer Action
Weather		
Accident		
Breakdown		
Terminal Delay		
Needs Appointment		
Linehaul Delay		
Damaged		
Missing		
Need Customer Documents		
Equipment Breakdown		
Delay at Pickup		
Delay at Border/Customers		

Reason Code	Meaning	Customer Action
Customer Requested Future Delivery		
Civil Event Related Delay		
Consignee Closed		

3.5 In Transit Field Standard Definitions

NOTES:

- Cells highlighted in orange represent new fields and non-highlighted cells are eBOL Standard fields.
- The Required/Optional column indicates whether the field should be included.
- The Nullable/Not Nullable column indicates whether the field contents may or may not be null.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
Ref Keys From EBOL Standards	array		X	required		An array to hold reference fields.
Pro	string	X	X	required	Not nullable	The pro number for the shipment.
BOL	string	X	X	required	Not nullable	The EBOL or BOL number for the shipment.
QuoteID	string		X	required	nullable	Quote ID provided by carrier
ShipmentID (shipperRef)	string	X	X	required	nullable	Shipper reference number for individual shipment - load #, shipment #, etc. Can also be pro

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
MasterBOL	string		X	required	nullable	Shipper reference number for Pooled services
PO	string		X	required	nullable	Purchase order Number provided by Consignee
Additional References	string		X	required	nullable	Cross reference PRO number provided by eBOL API
Unique ID	string		X	required	Not nullable	Pro + SCAC + Date (YYYYMMDD)
Updated Pro	string		X	required	nullable	For interline or reconsignment
Pay Type	string		X	required	Not nullable	Identifies terms of shipment (Prepaid or Collect)
Ship type	string		X	required	Not nullable	Identifies the payor of the shipment (Shipper, Consignee, or Third Party)
Pickup Address from EBOL Standard	array			required		An array to hold addresses.
ORGaccountNumber	string		X	optional	Not nullable	Account number for Bill To
ORGlocation ID	string		X	optional	nullable	Carrier location ID
ORGcompany name	string		X	optional	Not nullable	The name of the company for a given address.
ORGaddressLine1	string		X	required	Not nullable	The primary address line for a given address.
ORGaddressLine2	string		X	required	nullable	The secondary address line for a given address.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
ORGcity	string	X	X	required	Not nullable	The city for a given address.
ORGstate/province	string	X	X	required	Not nullable	The two-letter state code for a given address.
ORGpostal code	string	X	X	required	Not nullable	Up to 10-digit (or 6-characters for Canada) zip code for a given address.
ORGcountry	string		X	optional	Not nullable	The country for a given address (CAN, MEX, USA)
ORGcontactName	string		X	optional	nullable	Name of contact
ORGphoneNumber	string		X	optional	nullable	The phone number for a given address.
ORGphoneNumber Ext	string		X	optional	nullable	The phone number extension for a given address.
ORGemail address	string		X	optional	nullable	The e-mail for a given address.
Pick-up dwell time	string		X	optional		Elapsed Time in minutes of P/U time
ORGaccessorial	string		X	required	nullable	Multiple accessorial from List tab [EBOL Accessorial Codes]
ORGLimited Access	string		X	required	nullable	Limited access type from List tab [EBOL v2.1 Limited Access Types]
Protect from Freeze	boolean		X	optional	nullable	Service requested T/F (Default to F)
Over dimensional	boolean		X	optional	nullable	Service requested T/F (Default to F)

Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
Bill-to address from EBOL Standard	array			required		An array to hold addresses.
BTaccountNumber	string		X	required	Not nullable	Account number for Bill To
BTlocation ID	string		X	optional	nullable	Carrier location ID
BTcompany name	string		X	optional	Not nullable	The name of the company for a given address.
BTaddressLine1	string		X	optional	Not nullable	The primary address line for a given address.
BTaddressLine2	string		X	optional	nullable	The secondary address line for a given address.
BTcity	string		X	optional	Not nullable	The city for a given address.
BTstate/province	string		X	optional	Not nullable	The two-letter state code for a given address.
BTpostal code	string		X	optional	Not nullable	Up to 10-digit (or 6-characters for Canada) zip code for a given address.
BTcountry	string		X	optional	Not nullable	The country for a given address (CAN, MEX, USA)
BTcontactName	string		X	optional	nullable	Name of contact
BTphoneNumber	string		X	optional	nullable	The phone number for a given address.
BTphoneNumber Ext	string		X	optional	nullable	The phone number extension for a given address.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
BTemail address	string		X	optional	nullable	The e-mail for a given address.
Consignee from EBOL Standard	array			required		An array to hold addresses.
DESaccountNumber	string		X	optional	Not nullable	Account number for Bill To
DESlocation ID	string		X	optional	nullable	Carrier location ID
DEScompany name	string		X	optional	Not nullable	The name of the company for a given address.
DESaddressLine1	string		X	required	Not nullable	The primary address line for a given address.
DESaddressLine2	string		X	required	nullable	The secondary address line for a given address.
DEScity	string	X	X	required	Not nullable	The city for a given address.
DESstate/province	string	X	X	required	Not nullable	The two-letter state code for a given address.
DESpostal code	string	X	X	required	Not nullable	Up to 10-digit (or 6-characters for Canada) zip code for a given address.
DEScountry	string		X	optional	Not nullable	The country for a given address (CAN, MEX, USA)
DEScontactName	string		X	optional	nullable	Name of contact
DESphoneNumber	string		X	optional	nullable	The phone number for a given address.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
DESPhoneNumber Ext	string		X	optional	nullable	The phone number extension for a given address.
DESemail address	string		X	optional	nullable	The e-mail for a given address.
Delivery dwell time	string			optional	nullable	Elapsed Time in minutes of P/U time
DESaccessorial	string		X	required	nullable	Multiple accessorial from List tab [EBOL Accessorial Codes]
DESLimited Access	string		X	required	nullable	Limited access type from List tab [EBOL v2.1 Limited Access Types]
Time Critical Types (TC)	array		X	required	nullable	Select Value from EBOL Standard values (on List Tab)
TCdate	ISO-8601		x	required	nullable	TC Date may or may not include a time
TCwindow Start	ISO-8601		X	required	nullable	TC Start Time of Window
TCwindow End	ISO-8601		X	required	nullable	TC End Time of Window
Customs Broker From EBOL Standard	array			optional		An array to hold addresses.
CUSTaccountNumber	string		X	optional	nullable	Account number for Bill To
CUSTlocation ID	string		X	optional	nullable	Carrier location ID
CUSTcompany name	string		X	optional	nullable	The name of the company for a given address.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
CUSTaddressLine1	string		X	optional	nullable	The primary address line for a given address.
CUSTaddressLine2	string		X	optional	nullable	The secondary address line for a given address.
CUSTcity	string		X	optional	nullable	The city for a given address.
CUSTstate/province	string		X	optional	nullable	The two-letter state code for a given address.
CUSTpostal code	string		X	optional	nullable	Up to 10-digit (or 6-characters for Canada) zip code for a given address.
CUSTcountry	string		X	optional	nullable	The country for a given address (CAN, MEX, USA)
CUSTcontactName	string		X	optional	nullable	Name of contact
CUSTphoneNumber	string		X	optional	nullable	The phone number for a given address.
CUSTphoneNumber Ext	string		X	optional	nullable	The phone number extension for a given address.
CUSTemail address	string		X	optional	nullable	The e-mail for a given address.
EBOL Shipping Attributes						
Total Shipment	array			optional		An array to hold total shipment attributes
GrossWeight	integer		X	required	not nullable	Weight in pounds of total shipment

Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
netWeight	integer		X	optional	nullable	Weight in pounds of total shipment
weightUnit	string		X	optional	not nullable	Future proofing for KG in Canada and Mexico - applies to entire document
handlingUnits	integer		X	optional	nullable	Count of total handling units
linearLength	integer		X	optional	nullable	Linear length if total shipment
dimensionsUnit	string		X	optional	nullable	Metric or Imperial
cube	string		X	optional	nullable	Total cubic dimensions of shipment
cubeDimensionsUnit	string		X	optional	nullable	Metric or Imperial
declaredValue	string		X	optional	nullable	Value of shipment
currency	string		X	optional	nullable	USD, CAD, MXP
Commodity Specific (COM1, COM2, COM3, etc.)	array			optional		An array to hold commodity specific shipment attributes
COM1description	string		X	optional	nullable	The description of the commodity.
COM1weight	integer		X	optional	nullable	Weight of commodity
COM1weightUnit	string		X	optional	nullable	KG or LBS (Default pounds)
COM1pieces	string		X	optional	nullable	Number of pieces of the commodity
COM1packagingType	string		X	optional	nullable	Packaging type from EBOL Standards List for the commodity.

Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
COM1classification	integer		X	optional	nullable	The class of the commodity described (50, 55, 60, 65, 70, 77.5, 85, 92.5, 100, 110, 125, 150, 175, 200, 250, 300, 400, 500, Not required)
COM1nmfc	integer		X	optional	nullable	NMFC Code of commodity
COM1nmfcSub	integer		X	optional	nullable	NMFC Sub Code of commodity
COM1hazardous	boolean		X	optional	nullable	Is the commodity Haz Mat T / F (Default F)
COM1hazardousDescription	string		X	optional	nullable	Description of Haz Mat commodity
COM1hazardousDetail	string		X	optional	nullable	Array of Haz Mat Attributes
COM1hazmatContactName	string		X	optional	nullable	The name of who should be contacted in the case of a hazardous materials-related issue.
COM1hazmatContactPhoneNumber	string		X	optional	nullable	The phone number for the hazardous materials contact.
COM1hazmatContractNumber	string		X	optional	nullable	The contract number with the hazardous materials contact.
COM1Nested or Stacked	string		X	optional	nullable	Is the commodity nested or staked
Handling Units Secific (HU1, HU2, HU3, etc)	array			optional		An array to hold handling unit specific shipment attributes
HU1count	integer		X	optional	nullable	The number of handling units containing the described freight.

Field Name	Type	Public API	Private API	Required/Optional	Nullable/Not Nullable	Description
HU1type	String		X	optional	nullable	Handling units from EBOL standard List See values on List Tab
HU1tareWeight	integer		X	optional	nullable	Weight of packaging materials and handling units separate from commodity weight
HU1weight	integer		X	optional	nullable	The gross weight
HU1weightUnit	integer		X	optional	nullable	KG or LBS (Default pounds)
HU1length	integer		X	optional	nullable	The length of the handling units being described.
HU1width	integer		X	optional	nullable	The width of the handling units being described.
HU1height	integer		X	optional	nullable	The height of the handling units being described.
HU1dimensionsUnit	integer		X	optional	nullable	Metric or Imperial (Default Imperial)
HU1stackable	boolean		X	optional	nullable	Is Freight Stackable T/F (Default F)
Shipment Location	array		X	optional	nullable	An array to hold information on shipment location and status
Shipment Milestone Status	string	X	X	required	not nullable	Picked-up, In Transit, Interline, Out for Delivery, Delivered
Terminal ID	string		X	required	nullable	Carrier specific terminal ID

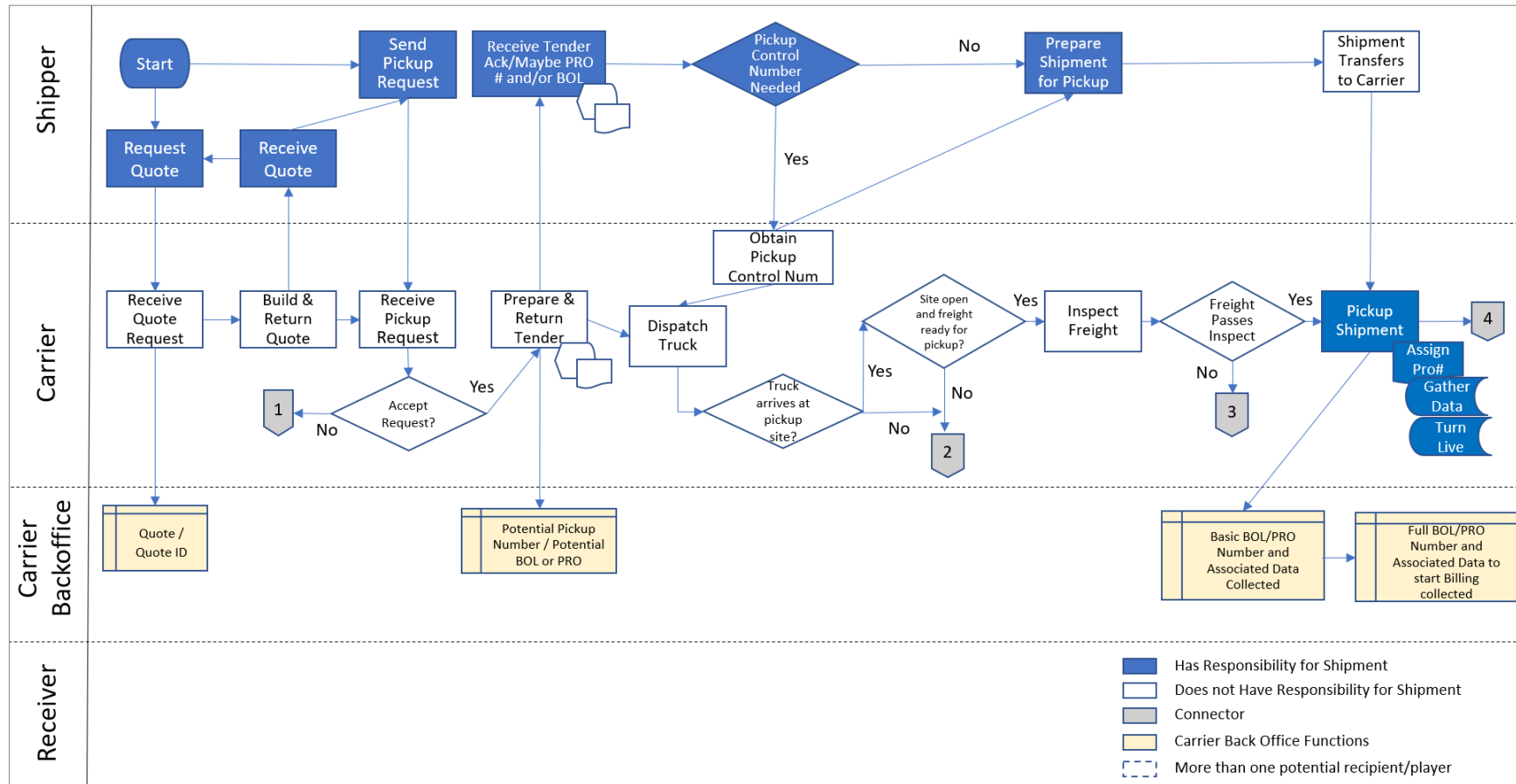
Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
TERMAccessLine1	string		X	required	nullable	The primary address line for a given address.
TERMAccessLine2	string		X	required	nullable	The secondary address line for a given address.
TERMcity	string		X	required	nullable	The city for a given address.
TERMstate/province	string		X	required	nullable	The two-letter state code for a given address.
TERMpostal code	string		X	required	nullable	Up to 10-digit (or 6-characters for Canada) zip code for a given address.
TERMcountry	string		X	required	nullable	The country for a given address (CAN, MEX, USA)
TERMcontactName	string		X	required	nullable	Name of contact
TERMphoneNumber	string		X	required	nullable	The phone number for a given address.
TERMphoneNumber Ext	string		X	required	nullable	The phone number extension for a given address.
TERMemail address	string		X	required	nullable	The e-mail for a given address.
Terminal Status	String		X	required	nullable	Value of (Arrived, Unloaded, Loaded, Departed)
Time Zone of Shipment	string		X	required if Time values are used	nullable	UTC -X format of current location

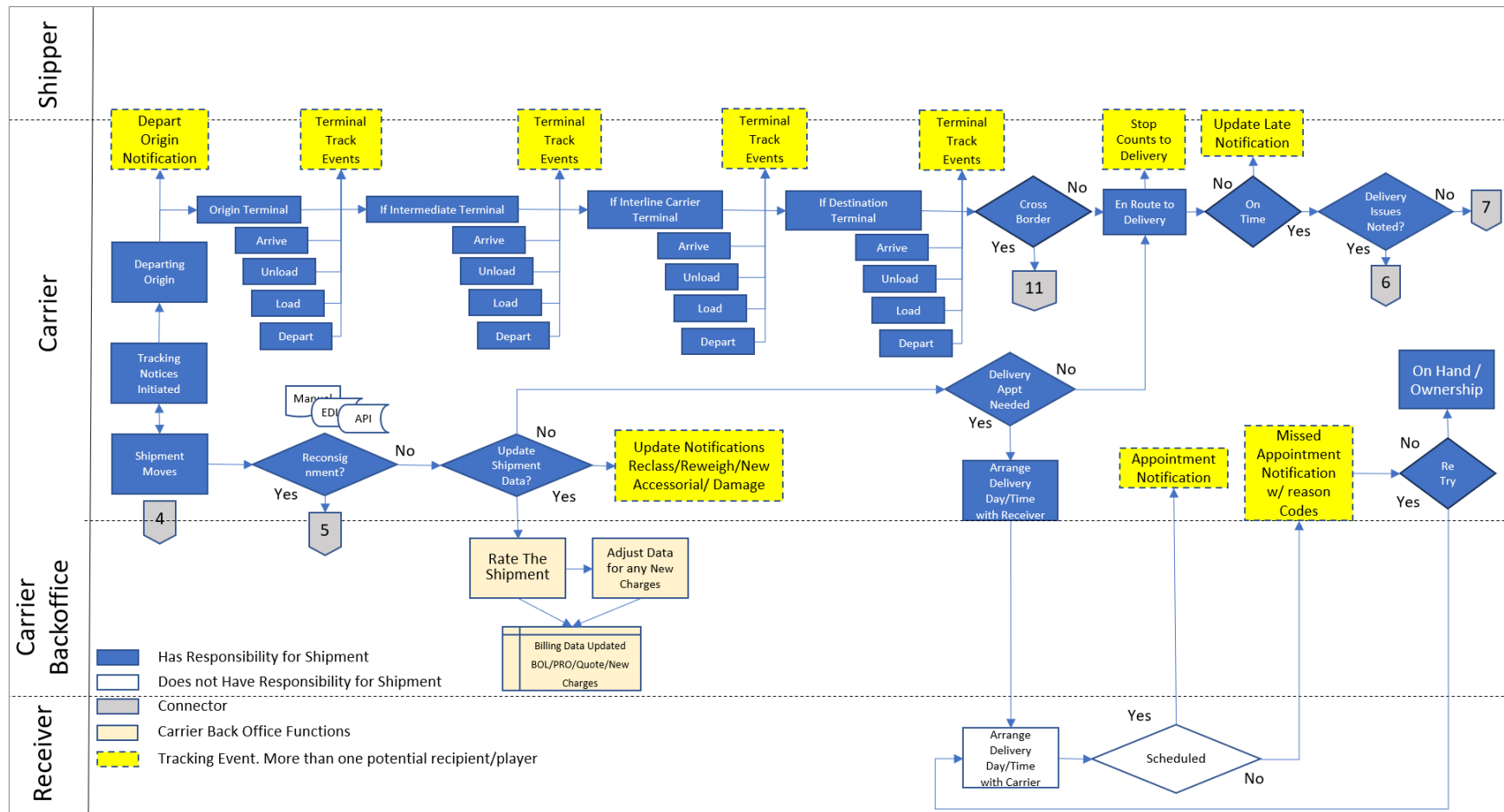
Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
Updated ETA	ISO-8601	X	X	required	not nullable	The updated date (with or without time) the shipment expected to be delivered.
Estimated Standard Day	Integer	X	X	required	not nullable	Days in transit
Estimated Delivery Date	ISO-8601		X	required	not nullable	The original date (with or without time) the shipment was expected to be delivered.
OFD Stops away	Integer		X	optional	nullable	Values of 3, 2, or 1 stop away from delivery destination
Reconsignment	boolean		X	required	nullable	Was this shipment reconsigned in transit? T/F Default F
Shipment Shortage	boolean		X	required	nullable	Was product lost in transit? T/F Default F
Shipment Damage	boolean		X	required	nullable	Was product damaged in transit? T/F Default F
All Short or Lost Shipment	boolean		X	required	nullable	Was this shipment entirely lost in transit? T/F Default F
Late	boolean		X	required	nullable	Is shipment going to be later than the original delivery Date? T/F Default F
Delay Reason	string		X	required if Late = True	nullable	List of reason code on List tab [Delay Reason Codes]
Appointment Required	boolean		X	required	not nullable	Is an Appointment required T/F (Default to F)

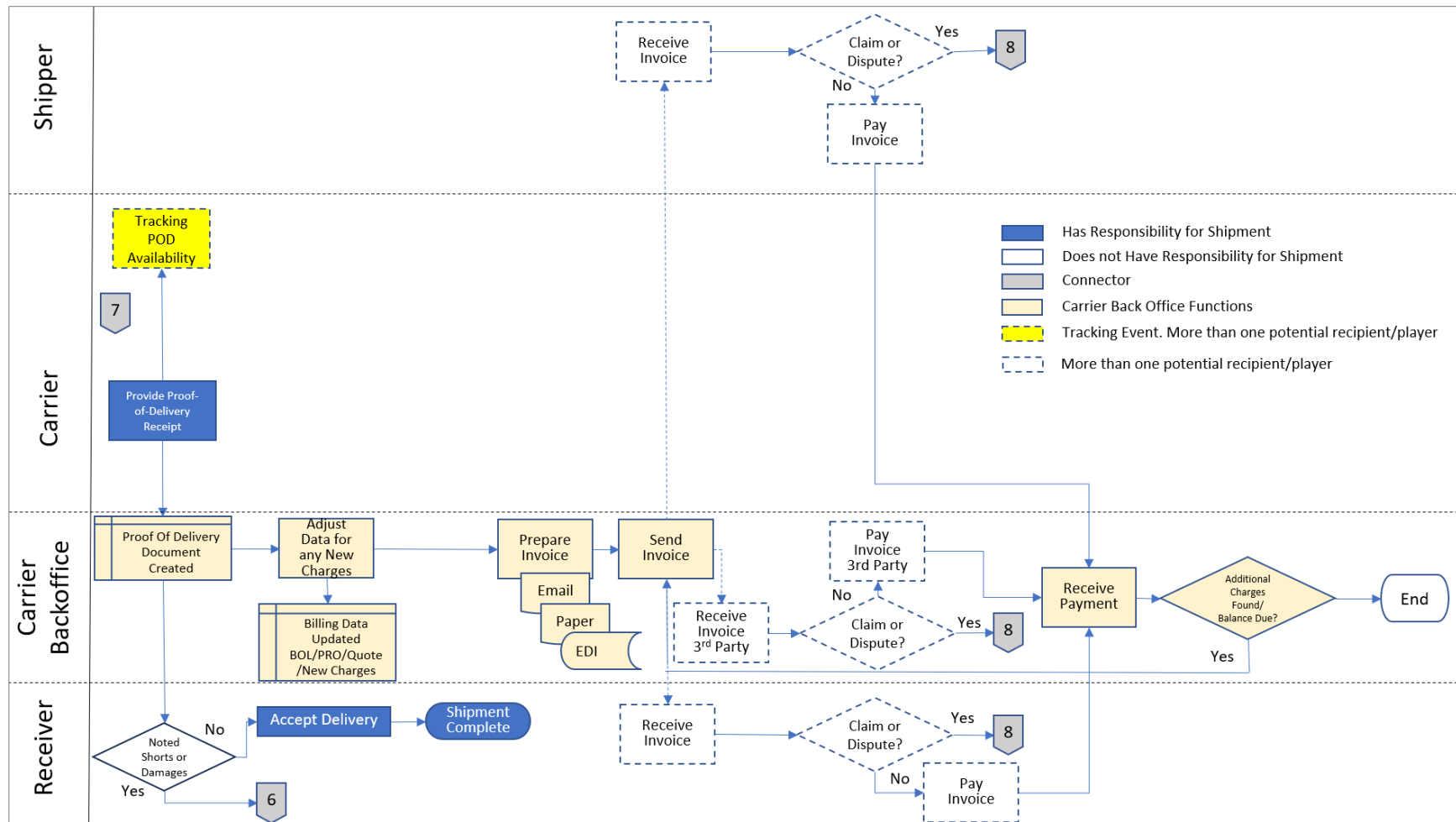
Field Name	Type	Public API	Private API	Required/ Optional	Nullable/Not Nullable	Description
Appointment Status	string		X	required if Appointment =True	nullable	Values of Requested / Secured/ Missed
Appointment Date	ISO-8601		X	required if Appointment =True	nullable	The original date (with time) of appointment.
Partner Carrier Name	string		X	required if Shipment Milestone status =Interline	nullable	Interline or Agent carrier Name
PartnerCarrier SCAC	string		X	required if Shipment Milestone status =Interline	nullable	Interline or Agent carrier SCAC
Cross border	boolean		X	required	nullable	Are Cross border services required T/F (Default F)
Cross border status	string		X	required if cross border =True	nullable	Status of In Bond, Hold, or Cleared Customs
Crossborder Entry#	string		X	optional	nullable	Entry authorization #
POD Available	boolean		X	optional	not nullable	Is POD available T/F (Default F)

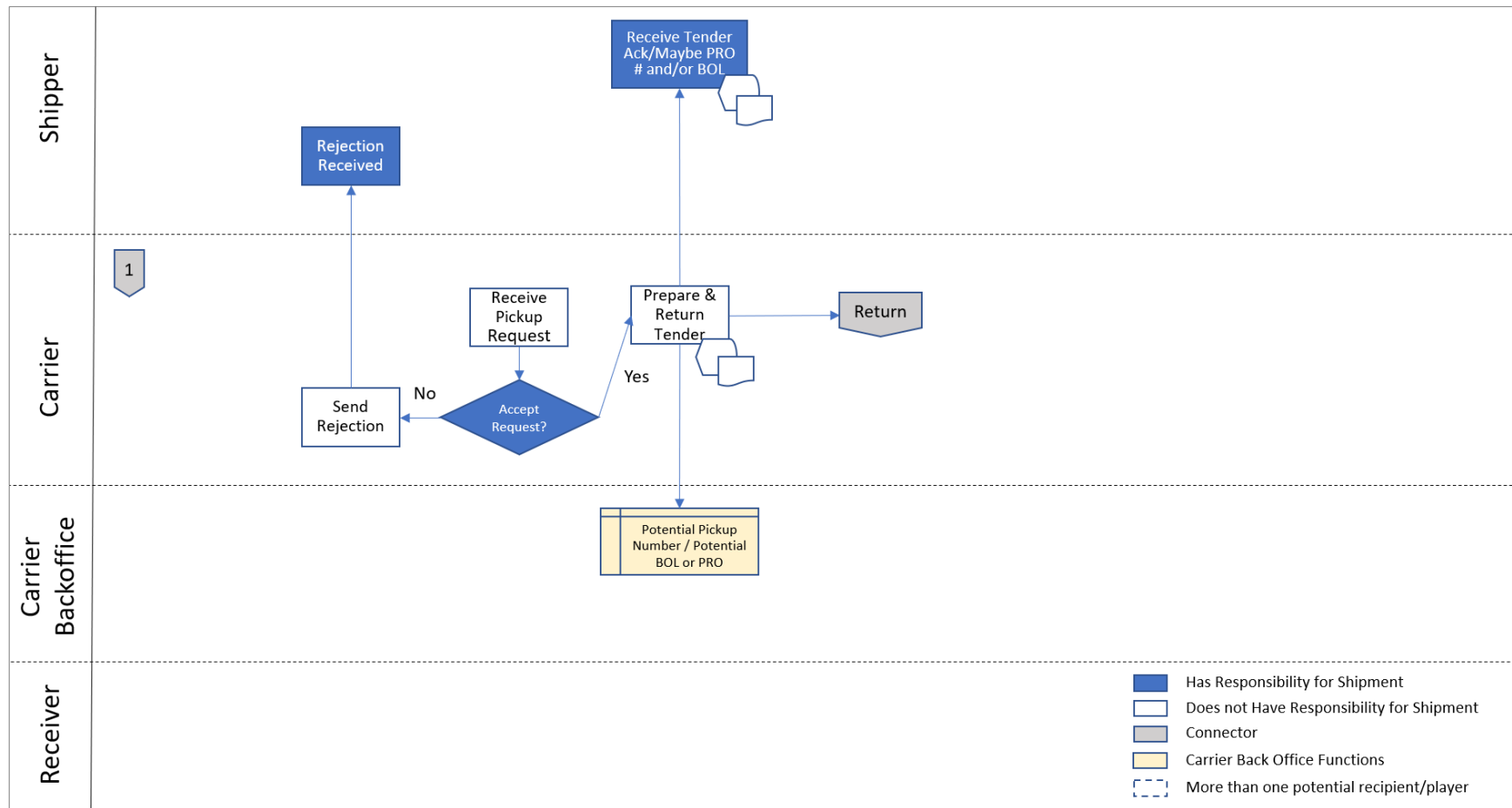
3.6 In Transit Visibility Workflows

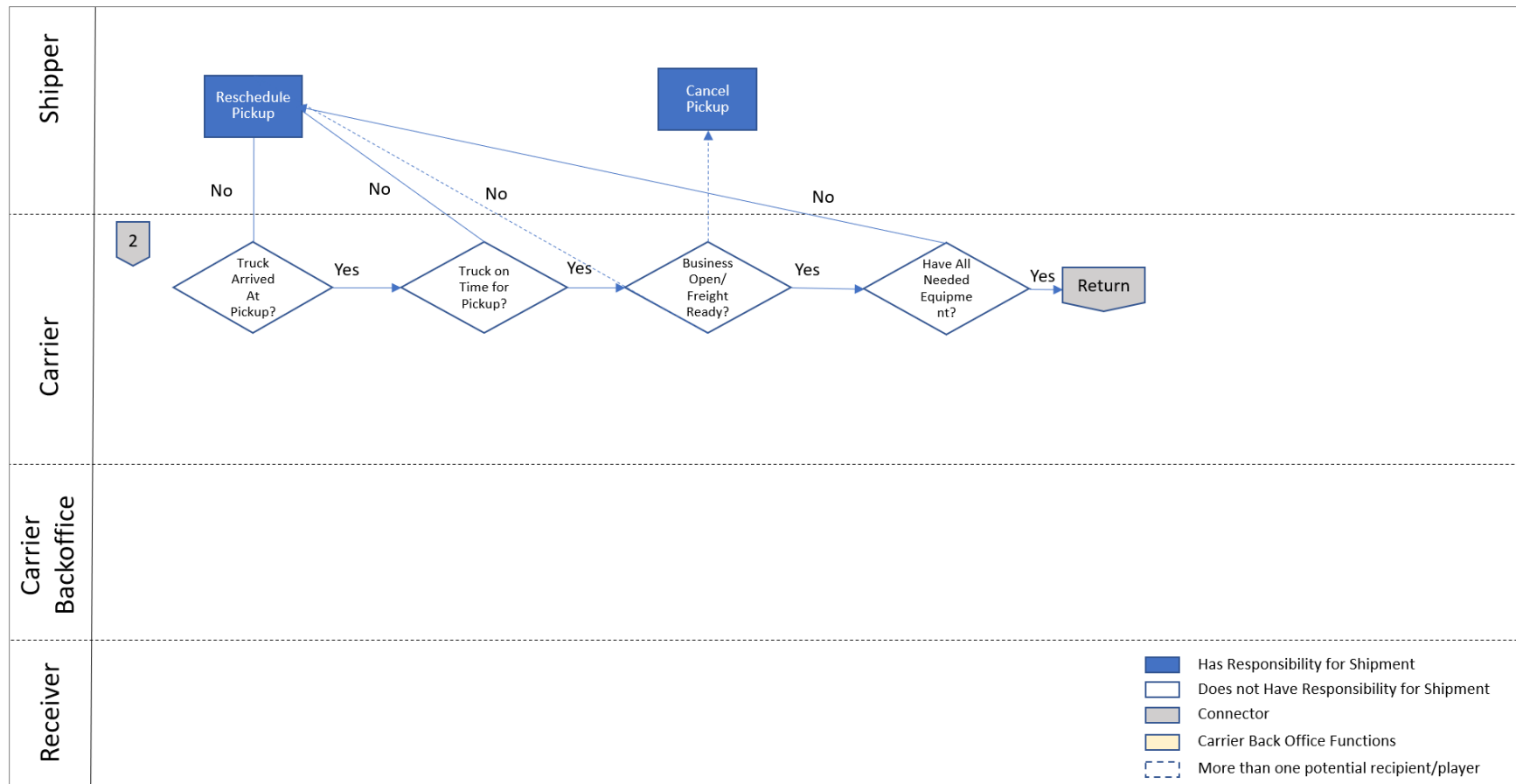
The following LTL workflows are generalized to represent the overall industry.

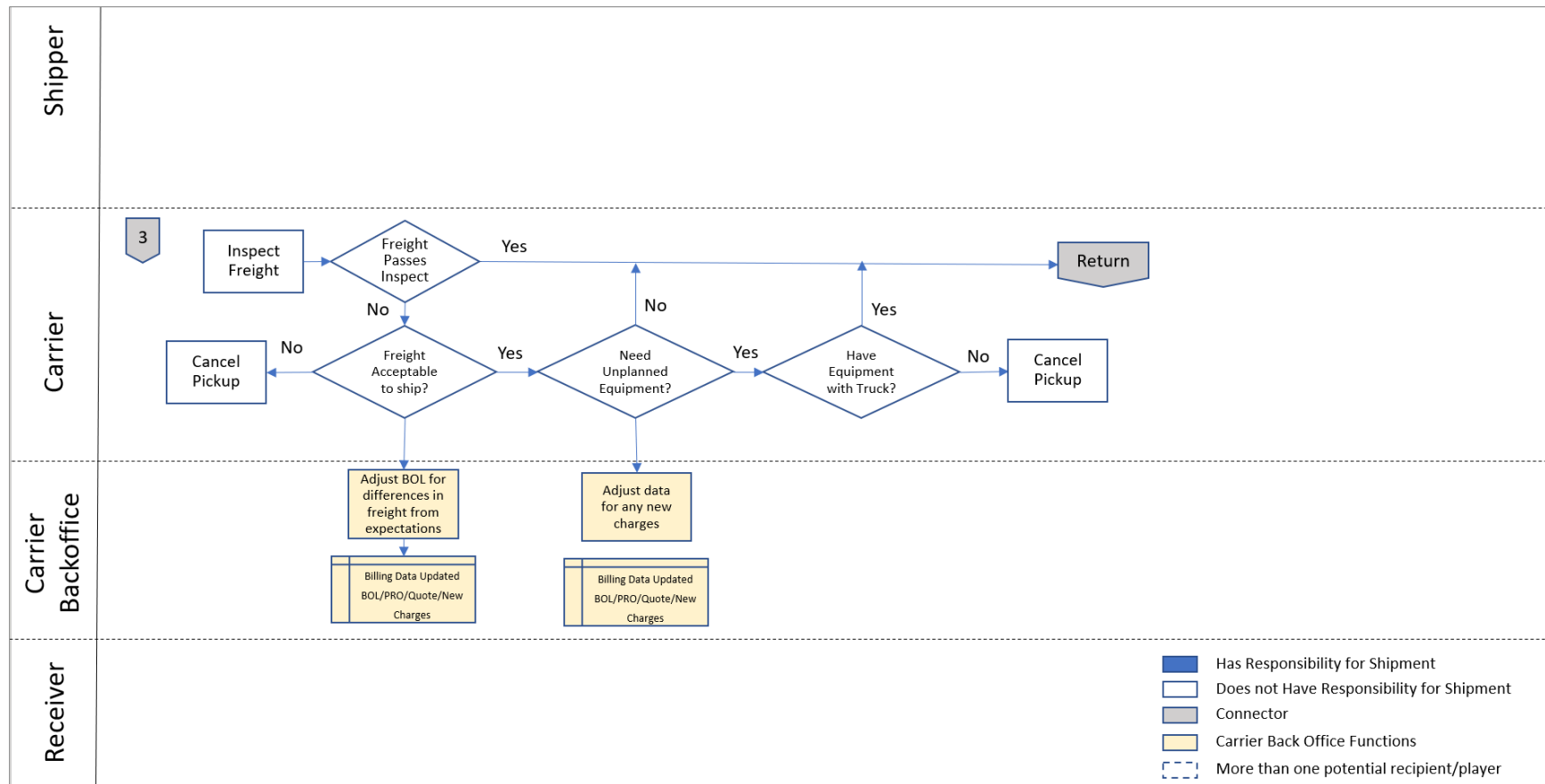


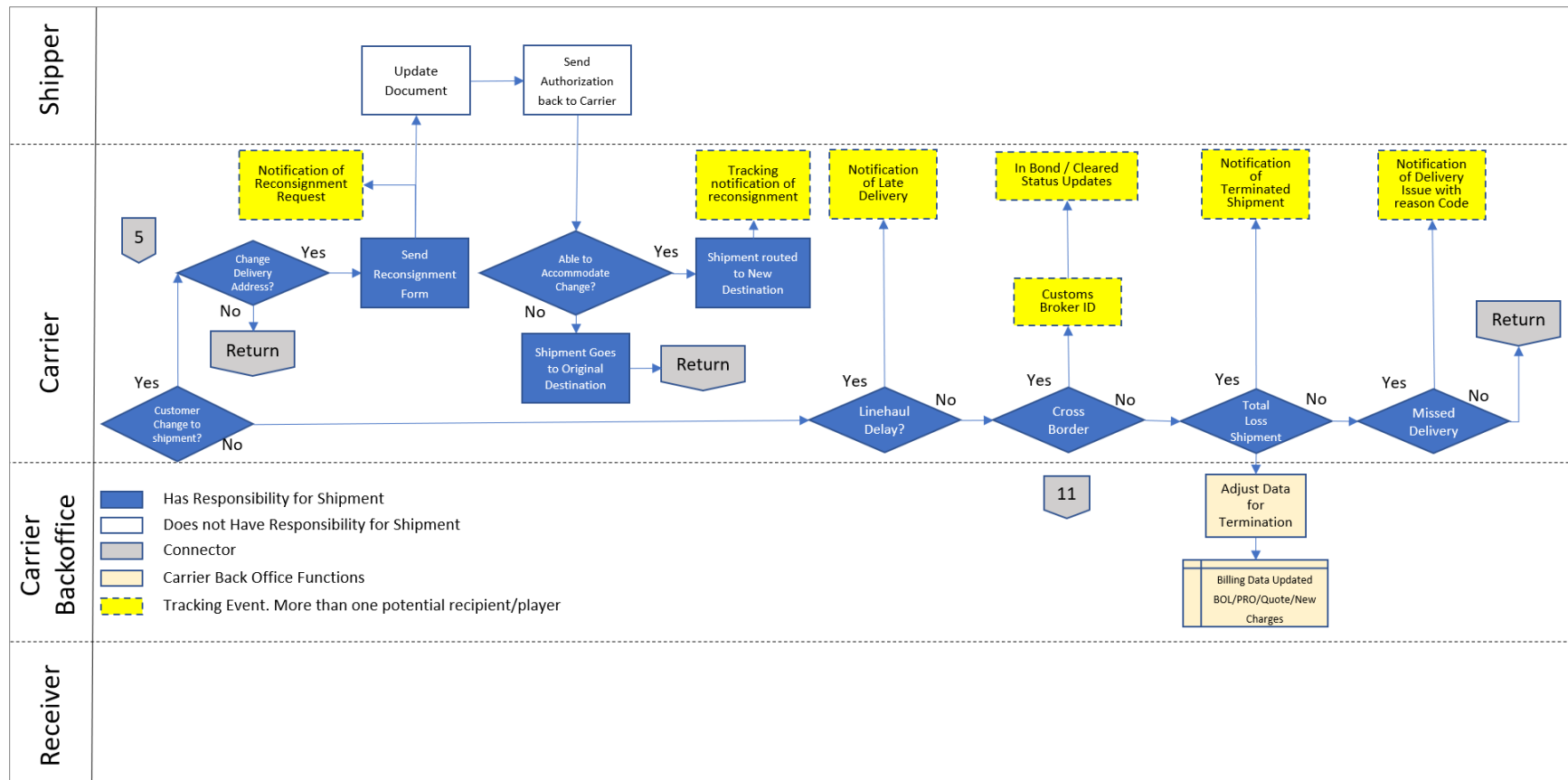


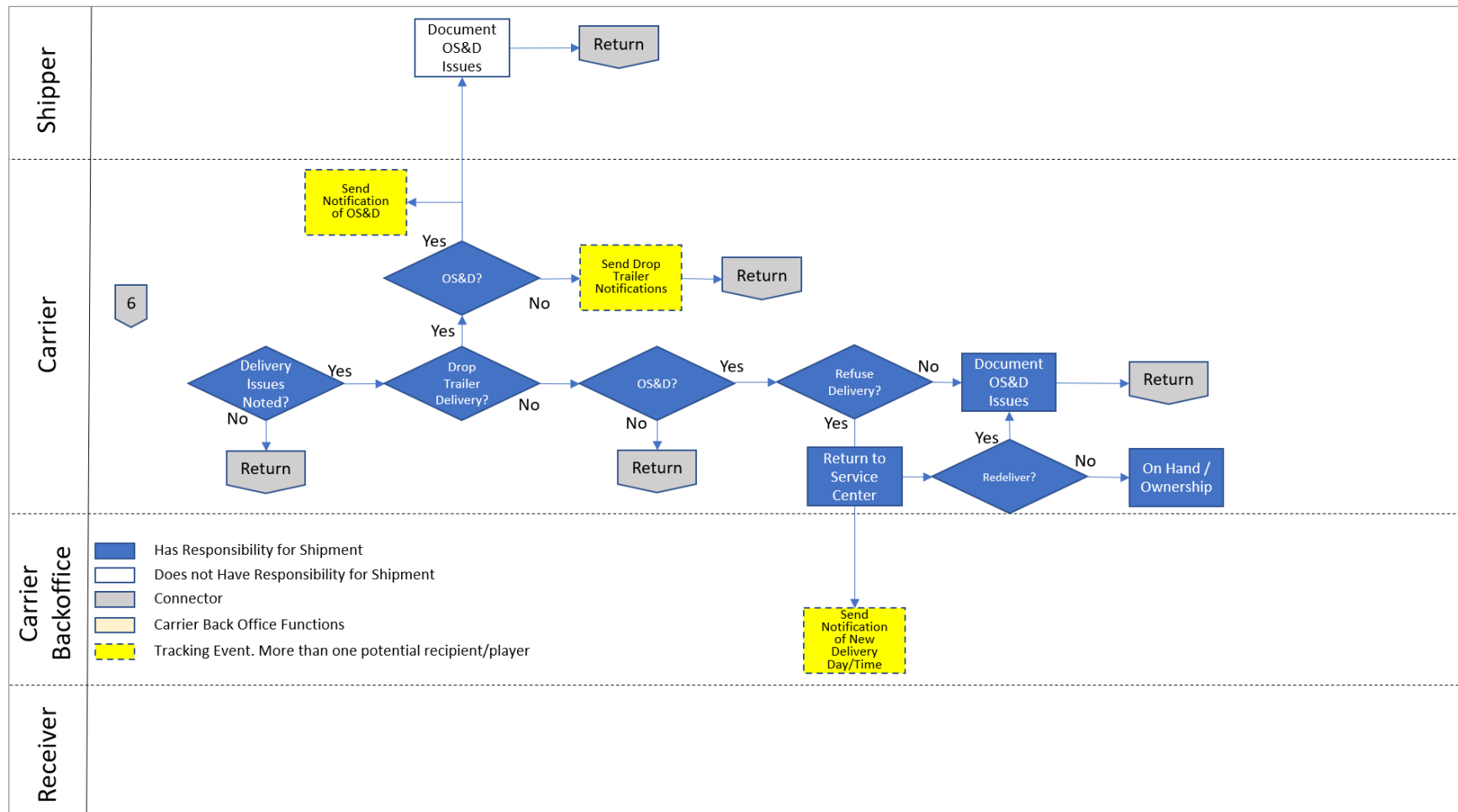


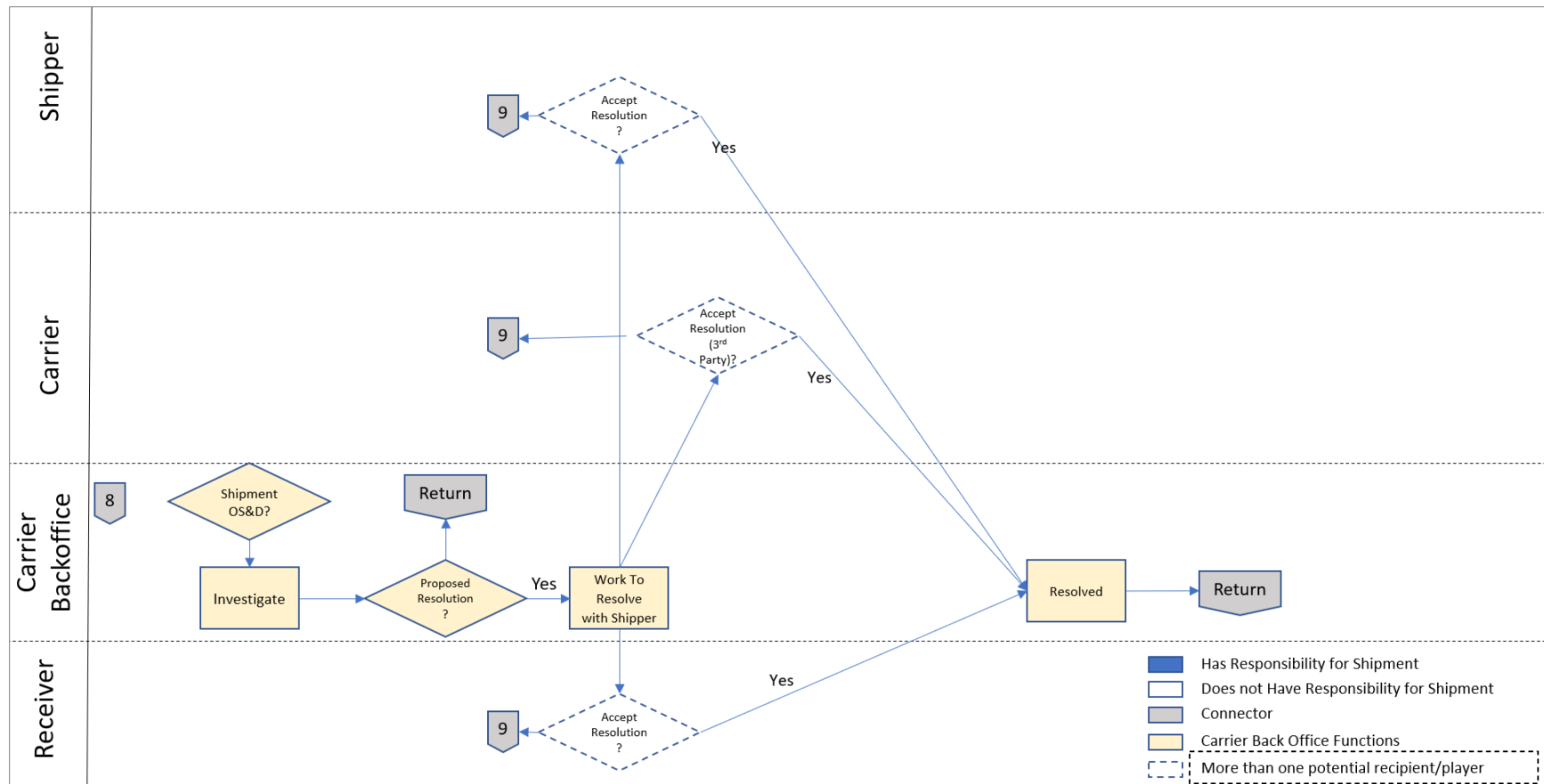


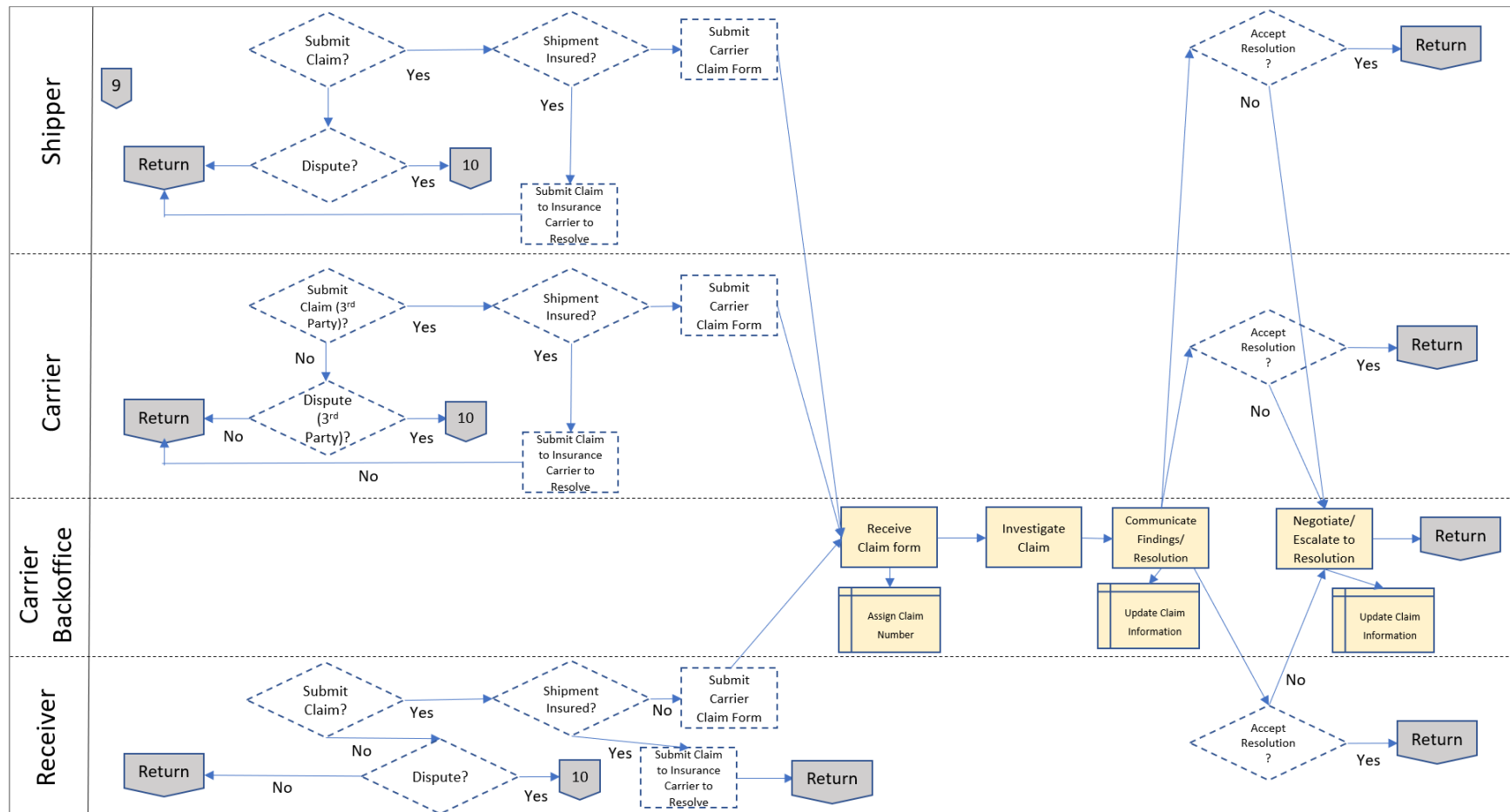


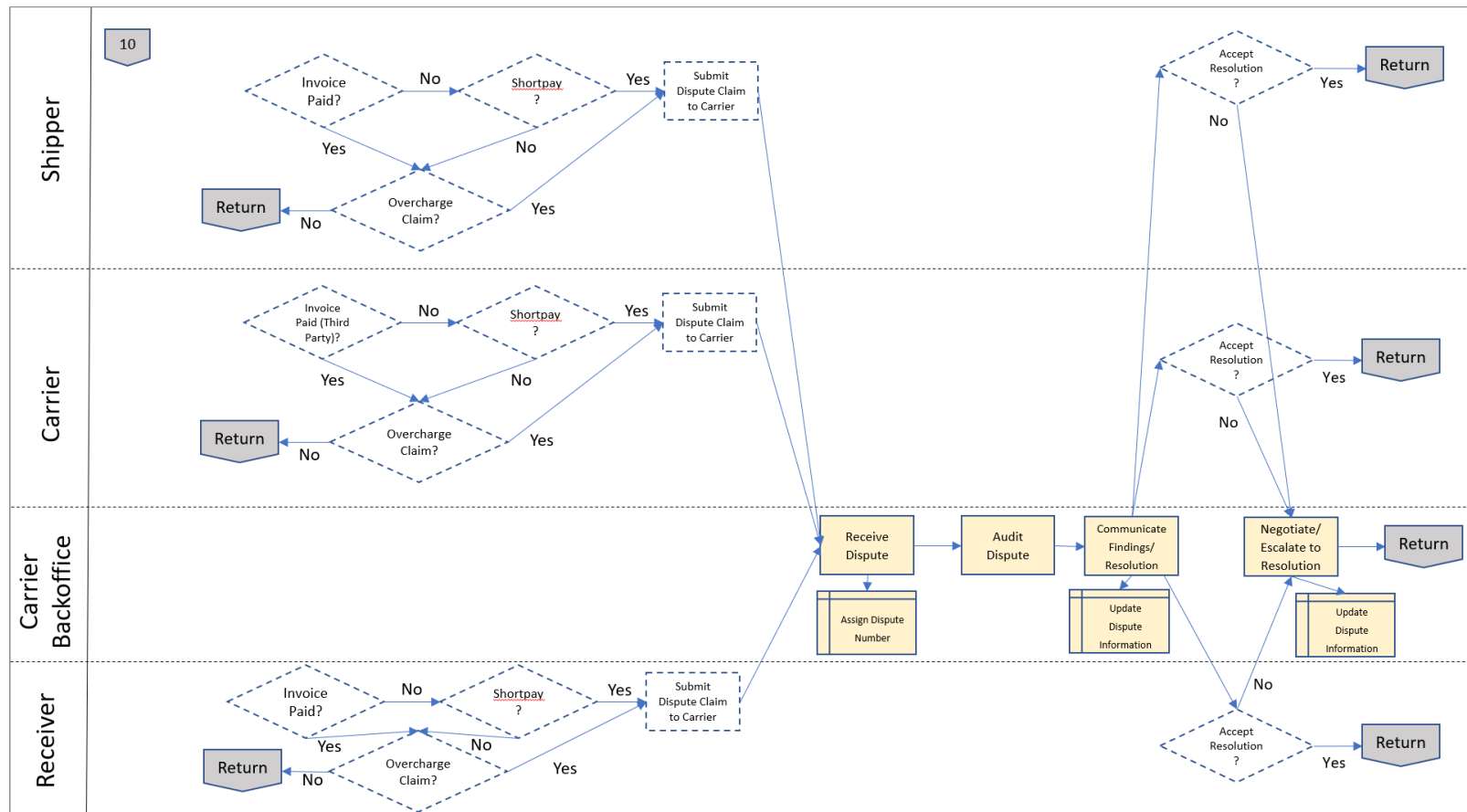












4 Release Criteria

Release goal, how we'll know when the product is ready for release, including functionality, usability, reliability, performance, supportability.

5 Proposed Timeline

Key milestones include:

Milestone/Deliverable	Timeline

5.1 Known Constraints

List any limiting factors that would pose a challenge to this project, such as staffing, cost, etc.

5.2 Assumptions and Dependencies

Provide a detailed list of assumptions (project factors believed to be true but that haven't been confirmed) to better determine the project's risk factors.

5.3 Out of Scope

Provide a detailed list of items out of scope.