

Carrier Shipment Status

XML: Carrier Shipment Status

Version: 1.2

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Document Information

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Revision History

| Version | Date | Author | Changes |
|---------|------------|--------------|---------------------------------------|
| 1.0 | 11-15-2021 | Nick Ringsby | Create Document |
| 1.1 | 3-22-2022 | Alex Jung | Update to align with new map changes. |
| 1.2 | 5-30-23 | Ryan Kitchel | Updated Ref Num and Address |

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1. Introduction

This document is intended for business and technical personnel engaged in establishing an electronic connection with C.H. Robinson for the purpose of sending an outbound Shipment Status XML messages.

2. Shipment Status Definition

A shipment status message would be sent from a carrier to CH Robinson updating the status of the load the carrier has agreed to move on behalf of CHR or one of our partners.

3. XML Structure

- Min (Use) and Max (Use) refers to the minimum and maximum occurrence of the field it describes. Min usage of zero indicates an optional field.
- Length indicates number of characters in each field.
- Required describes if the element is mandatory (M), Optional (O) or Conditional (C)
- Type describes what kind of data a certain element holds such as Variable Character
- Attributes are indicated in [brackets] and will be below the field it is located in.
- XML documents must contain a root element. <Shipment Status> is the root element for the Shipment Status XML message.

| Field Name | Type / Length | Min - Max | M/O/C | Sample Data | Notes |
|----------------------|------------------|-----------|-------|-------------------------|---|
| Shipment Status | | | | | |
| ShipmentStatusHeader | | | | | |
| TransactionID | Varchar / 1-9 | 1-1 | M | TID-123456 | Unique identification number similar to ISA control number in X12 |
| LoadNumber | Varchar / 9-10 | 1-1 | M | 312345678 | CHR Load # from 204 Booking/Tender or paper tender |
| DateTime | DateTime / 19-19 | 1-1 | M | 2021-11-05T15:00:00 | Date Time Stamp YYYY-MM-DDTHH:MM:SS |
| CarrierCode | Varchar / 256 | 0-1 | O | T12345 | CHR Tcode Sent on the Load Tender |
| CarrierReference | Varchar / 256 | 0-1 | O | PRO112233 | Carrier PRO Number |
| SCAC | Varchar / 4-6 | 1-1 | M | ABCD | Carrier SCAC Sent on the Load Tender |
| Trailer | Varchar / 1-50 | 1-1 | M | Trailer1234 | Trailer Number |
| Tractor | Varchar / 1-50 | 1-1 | M | Tractor1234 | Tractor Number |
| Purpose | Varchar / 6-7 | 1-1 | M | Status | Status |
| MoveType | Varchar / 4-6 | 1-1 | M | OIDL | OIDL' or 'OIPU' |
| StatusDetail | | | | | |
| ReferenceNumbers | | 0-256 | O | | |
| ReferenceNumber | String/0-256 | 0-20 | O | CIT00011 | A reference number that is of value to you or the customer. |
| [type] | String/0-256 | 1 | C | PO | An indicator of what this number is (EX: Purchase Order Number) |
| Stop | | | | | |
| StopNumber | INT/0-10 | 0-1 | C | | 2 Required on Pick/Drop if present on booking file |
| SequenceNumber | INT/1-10 | 1-1 | M | | 1 Required on Pick/Drop if present on booking file |
| Event | | | | | |
| EventCode | Varchar/ 1-2 | 2 | M | X6 | X3, AF, X1, D1, CD, X6, I1 |
| EventDescription | Varchar/1-256 | 50 | | Check Call | |
| EventDateTime | DateTime / 19-19 | 1-1 | M | 2021-11-05T15:00:00 | |
| Exception | | | | | |
| ExceptionReasonCode | String/0-3 | | C | BKD | |
| ExceptionDescription | String/0-256 | | C | Truck Brokedown enroute | |
| EventLocation | | | | | |

| | | | | | |
|-----------------|---------------|-----|---|---------------|--|
| ID | String/1-10 | 1 | M | W185123 | When possible return the Wcode provided in the load booking. |
| Name | String/1-50 | | O | David's Depot | |
| Address | | | | | |
| AddressLineOne | Varchar/ 0-50 | 0-1 | O | 1919 Main St. | |
| AddressLineTwo | Varchar/ 0-50 | 0-1 | O | | |
| City | Varchar/ 1-50 | 0-1 | C | Delano | |
| StateOrProvince | Varchar /2-2 | 0-1 | C | MN | |
| Country | Varchar /3-3 | 0-1 | C | USA | |
| PostalCode | Varchar/5-9 | 0-1 | C | 55328-4451 | |
| Latitude | String/20 | 0-1 | O | 31.2342 | |
| Longitude | String/20 | 0-1 | O | -82.5352 | |

Note: An excel copy of this table, which may be easier for a BA or developers to work with, is available by request.

Useful Contacts

For questions about your existing connection (sFTP/AS2) or support for a live setup please email our support team at: eBizHelpDesk@chrobinson.com

For questions during implementation send an email to chrobinsoncarriedi@chrobinson.com

To start the setup process please reach out to your CHR or TMC rep.

Appendices

Appendix A: SFTP Information (Pull)

Username and password will be provided (if applicable).

PRODUCTION Information

- FTP Address sftp.prod.chrobinson.com
- Port 22
- Outbound Folder To_CHR
- Inbound Folder From_CHR

TEST Information

- FTP Address sftp-test.chrobinson.com
- Port 22
- Outbound Folder To_CHR
- Inbound Folder From_CHR