

CONTRL D97A (INVOIC) & D98B (DESADV)

EDIFACT / 97A & 98B / CONTRL : Technical Acknowledgement

Version: March 2019 Final

| | |
|-------------------------|--|
| Author: | Cummins Electronic Commerce Support |
| Company: | Cummins Inc. |
| Publication: | 4/4/2019 |
| Trading Partner: | Cummins Suppliers |

Table of Contents

| | | |
|---------------|--|-----------|
| CONTRL | Syntax and service report message for batch EDI | 1 |
| | Branching Diagram | 2 |
| UNB | INTERCHANGE HEADER | 3 |
| UNH | Message Header | 6 |
| UCI | Interchange response | 8 |
| UNT | Message Trailer | 9 |
| UNZ | INTERCHANGE TRAILER | 10 |

CONTRL Syntax and service report message for batch EDI

Message Status=0

Definition: CONTRL is a message syntactically acknowledging or rejecting, with error indication, a received interchange, group, message, or package. A CONTRL message shall be used to: a) acknowledge or reject a received interchange, group, message, or package and list any syntactical errors or unsupported functionality contained therein, or b) indicate only the receipt of an interchange

Cummins Note:

Cummins will send a CONTRL message to confirm receipt of a DESADV or INVOIC message received from the supplier. However, this is not set up automatically on Cummins side and will be set up only upon request. To request this message, please contact Electronic.Commerce.Support@cummins.com.

Cummins does not accept inbound CONTRL messages from suppliers.

Example EDI:

```
UNB+UNOA:1+SENDERID:1+RECEIVERID:1+150701:1028+1++CONTRL
UNH+1+CONTRL:D:98B:UN
UCI+111+RECEIVERID+SENDERID+7
UNT+3+1
UNZ+1+1
```

Heading:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|-------------------|
| | UNB | INTERCHANGE HEADER | M | 1 | | Cummins Mandatory |
| 0010 | UNH | Message Header | M | 1 | N1/0010 | Cummins Mandatory |

Detail:

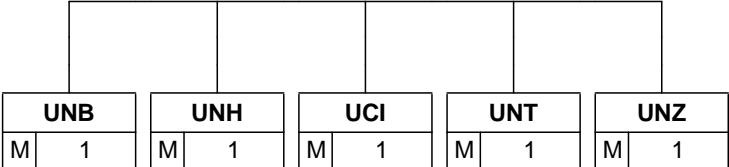
| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> |
|------------|------------|----------------------|---------------|------------|--------------|-------------------|
| 0020 | UCI | Interchange response | M | 1 | N2/0020 | Cummins Mandatory |

Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|-------------------|
| 0160 | UNT | Message Trailer | M | 1 | | Cummins Mandatory |
| | UNZ | INTERCHANGE TRAILER | M | 1 | | Cummins Mandatory |

Branching Diagram: CONTRL(Syntax and service report message for batch EDI)

0



UNB INTERCHANGE HEADER

| | |
|------------|-------------|
| Pos: | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 6 |

User Option (Usage): Cummins Mandatory**Example EDI:**

UNB+UNOA:1+SENDERID:1+RECEIVERID:1+150701:1028+1++CONTRL

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|----------------------|
| UNB010 | S001 | SYNTAX IDENTIFIER | M | Comp | | Cummins Mandatory |

Description: Identification of the agency controlling the syntax and indication of syntax level.

| | | | | | | |
|------------|------|-------------------|---|---|-----|----------------------|
| UNB010-010 | 0001 | Syntax identifier | M | a | 4/4 | Cummins Mandatory |
|------------|------|-------------------|---|---|-----|----------------------|

Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.**CodeList Summary** (Total Codes: 6, Included: 1)**Code Name**

UNOA UN/ECE level A

Description: As defined in the basic code table of ISO 646 with the exceptions of lower case letters, alternative graphic character allocations and national or application-oriented graphic character allocations.

| | | | | | | |
|------------|------|-----------------------|---|---|-----|----------------------|
| UNB010-020 | 0002 | Syntax version number | M | n | 1/1 | Cummins Mandatory |
|------------|------|-----------------------|---|---|-----|----------------------|

Description: Version number of the syntax identified in the syntax identifier (0001).**CodeList Summary** (Total Codes: 3, Included: 1)**Code Name**

1 Version 1

Description: ISO 9735:1988.

| | | | | | | |
|--------|------|--------------------|---|------|--|----------------------|
| UNB020 | S002 | INTERCHANGE SENDER | M | Comp | | Cummins Mandatory |
|--------|------|--------------------|---|------|--|----------------------|

Description: Identification of the sender of the interchange.

| | | | | | | |
|------------|------|-----------------------|---|----|------|----------------------|
| UNB020-010 | 0004 | Sender identification | M | an | 1/35 | Cummins Mandatory |
|------------|------|-----------------------|---|----|------|----------------------|

Description: Name or coded representation of the sender of a data interchange.**Cummins Note:** Cummins EDI sender/receiver ID.

| | | | | | | |
|------------|------|---------------------------------------|---|----|-----|----------------------|
| UNB020-020 | 0007 | Partner identification code qualifier | C | an | 1/4 | Cummins Mandatory |
|------------|------|---------------------------------------|---|----|-----|----------------------|

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|--|-------------|----------------|----------------------|
| | | Cummins Note: Cummins EDI sender/receiver ID qualifier. | | | | |
| | | CodeList Summary (Total Codes: 45, Included: 2) | | | | |
| | | Code | Name | | | |
| | | 1 | DUNS (Data Universal Numbering System) | | | |
| | | | Description: Partner identification code assigned by Dun & Bradstreet. | | | |
| | | ZZ | Mutually defined | | | |
| UNB030 | S003 | INTERCHANGE RECIPIENT | M | Comp | | Cummins Mandatory |
| | | Description: Identification of the recipient of the interchange. | | | | |
| UNB030-010 | 0010 | Recipient identification | M | an | 1/35 | Cummins Mandatory |
| | | Description: Name or coded representation of the recipient of a data interchange. | | | | |
| | | Cummins Note: Supplier EDI sender/receiver ID. | | | | |
| UNB030-020 | 0007 | Partner identification code qualifier | C | an | 1/4 | Cummins Mandatory |
| | | Description: Qualifier referring to the source of codes for the identifiers of interchanging partners. | | | | |
| | | Cummins Note: Supplier EDI sender/receiver ID qualifier. These are the most common qualifiers used by the Cummins supply base. If you use another qualifier that is not listed, we require notification. | | | | |
| | | CodeList Summary (Total Codes: 46, Included: 4) | | | | |
| | | Code | Name | | | |
| | | 1 | DUNS (Data Universal Numbering System) | | | |
| | | | Description: Partner identification code assigned by Dun & Bradstreet. | | | |
| | | 01 | DUNS (alternate code) | | | |
| | | 12 | Telephone number | | | |
| | | | Description: Partner identification code corresponds to the partner telephone number. | | | |
| | | ZZ | Mutually defined | | | |
| UNB040 | S004 | DATE/TIME OF PREPARATION | M | Comp | | Cummins Mandatory |
| | | Description: Date/time of preparation of the interchange. | | | | |
| UNB040-010 | 0017 | Date of preparation | M | n | 6/6 | Cummins Mandatory |
| | | Description: Local date when an interchange or a functional group was prepared. | | | | |
| | | Cummins Note: Date format is YYMMDD. | | | | |
| UNB040-020 | 0019 | Time of preparation | M | n | 4/4 | Cummins Mandatory |
| | | Description: Local time of day when an interchange or a functional group was prepared. | | | | |
| | | Cummins Note: Time format is HHMM. | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--------------------------------------|---------------|-------------|----------------|----------------------|
| UNB050 | 0020 | Interchange control reference | M | an | 1/14 | Cummins Mandatory |

Description: Unique reference assigned by the sender to an interchange.

Cummins Note: This will be the same interchange control reference number as in the UNZ segment.

| | | | | | | |
|--------|------|------------------------------|---|----|------|---------------------|
| UNB070 | 0026 | Application reference | C | an | 1/14 | Cummins Optional |
|--------|------|------------------------------|---|----|------|---------------------|

Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.

UNH Message Header

| | |
|-------------------|--------------------|
| Pos: 0010 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 2 |

User Option (Usage): Cummins Mandatory

Cummins Note:

The CONTRL message is an acknowledgment of a DESADV or INVOIC message sent by the supplier. The DESADV or INVOIC will have a message type release number. The CONTRL message will use that same message type release number.

Example EDI:

UNH+1+CONTRL:D:98B:UN

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------------------|---------------|-------------|----------------|-------------------|
| UNH010 | 0062 | Message reference number | M | an | 1/14 | Cummins Mandatory |

Description: Unique message reference assigned by the sender.

Cummins Note: This will be the same message reference number as in the UNT segment.

| | | | | | | |
|--------|------|---------------------------|---|------|--|-------------------|
| UNH020 | S009 | Message Identifier | M | Comp | | Cummins Mandatory |
|--------|------|---------------------------|---|------|--|-------------------|

Description: Identification of the type, version, etc. of the message being interchanged.

| | | | | | | |
|------------|------|--------------------------------|---|----|-----|-------------------|
| UNH020-010 | 0065 | Message type identifier | M | an | 1/6 | Cummins Mandatory |
|------------|------|--------------------------------|---|----|-----|-------------------|

Description: Code identifying a type of message and assigned by its controlling agency.

CodeList Summary (Total Codes: 158, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------------------|
| CONTRL | Syntax and service report message |

| | | | | | | |
|------------|------|------------------------------------|---|----|-----|-------------------|
| UNH020-020 | 0052 | Message type version number | M | an | 1/3 | Cummins Mandatory |
|------------|------|------------------------------------|---|----|-----|-------------------|

Description: Version number of a message type.

CodeList Summary (Total Codes: 7, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------------------------|
| D | Draft version/UN/EDIFACT Directory |

| | | | | | | |
|------------|------|------------------------------------|---|----|-----|-------------------|
| UNH020-030 | 0054 | Message type release number | M | an | 1/3 | Cummins Mandatory |
|------------|------|------------------------------------|---|----|-----|-------------------|

Description: Release number within the current message type version number (0052).

Cummins Note: The CONTRL message is an acknowledgment of a DESADV or INVOIC message sent by the supplier. The DESADV or INVOIC will have a message type release number. The CONTRL message will use that same message type release number.

Example EDI:

CONTRL for DESADV:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|------------|---|---------------|-------------|----------------|----------------------|
| | | UNH+1+CONTRL:D:98B:UN | | | | |
| | | CONTRL for INVOIC: UNH+1+CONTRL:D:97A:UN | | | | |
| UNH020-040 | 0051 | Controlling agency | M | an | 1/2 | Cummins Mandatory |
| Description: Code identifying the agency controlling the specification, maintenance and publication of the message type. | | | | | | |
| CodeList Summary (Total Codes: 20, Included: 1) | | | | | | |
| Code Name | | | | | | |
| | | UN | | | | UN/ECE/TRADE/WP.4 |

UCI Interchange response

| | |
|------------|-------------|
| Pos: 0020 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 4 |

User Option (Usage): Cummins Mandatory

Example EDI:

```
UCI+50+SENDERID+RECEIVERID+7
```

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|-------------------------------|---------------|-------------|----------------|----------------------|
| UCI010 | 0020 | Interchange control reference | M | an | 1/14 | Cummins Mandatory |

Description: Unique reference assigned by the sender to an interchange.

Cummins Note: This is the UNB control reference number of the original message being acknowledged.

| | | | | | | |
|--------|------|--------------------|---|------|--|----------------------|
| UCI020 | S002 | Interchange Sender | M | Comp | | Cummins Mandatory |
|--------|------|--------------------|---|------|--|----------------------|

Description: Identification of the sender of the interchange.

Cummins Note: This is the interchange sender ID of the original message.

| | | | | | | |
|------------|------|-----------------------|---|----|------|----------------------|
| UCI020-010 | 0004 | Sender identification | M | an | 1/35 | Cummins Mandatory |
|------------|------|-----------------------|---|----|------|----------------------|

Description: Name or coded representation of the sender of a data interchange.

| | | | | | | |
|--------|------|-----------------------|---|------|--|----------------------|
| UCI030 | S003 | Interchange Recipient | M | Comp | | Cummins Mandatory |
|--------|------|-----------------------|---|------|--|----------------------|

Description: Identification of the recipient of the interchange.

Cummins Note: This is the interchange receiver ID of the original message.

| | | | | | | |
|------------|------|--------------------------|---|----|------|----------------------|
| UCI030-010 | 0010 | Recipient identification | M | an | 1/35 | Cummins Mandatory |
|------------|------|--------------------------|---|----|------|----------------------|

Description: Name or coded identification of the recipient of a data interchange.

| | | | | | | |
|--------|------|---------------|---|----|-----|----------------------|
| UCI040 | 0083 | Action, coded | M | an | 1/3 | Cummins Mandatory |
|--------|------|---------------|---|----|-----|----------------------|

Description: A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.

CodeList Summary (Total Codes: 3, Included: 1)

Code Name

| | |
|---|--|
| 7 | This level acknowledged and all lower levels acknowledged if not explicitly rejected |
|---|--|

UNT Message Trailer

| | |
|------------|-------------|
| Pos: 0160 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 2 |

User Option (Usage): Cummins Mandatory

Example EDI:

UNT+3+1

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|----------------------|
| UNT010 | 0074 | Number of segments in a message | M | n | 1/6 | Cummins Mandatory |
| | | Description: Control count of number of segments in a message. | | | | |
| UNT020 | 0062 | Message reference number | M | an | 1/14 | Cummins Mandatory |

Description: Unique message reference assigned by the sender.

Cummins Note: This will be the same message reference number as in the UNH segment.

UNZ INTERCHANGE TRAILER

| | |
|------------|-------------|
| Pos: | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 2 |

User Option (Usage): Cummins Mandatory

Example EDI:

UNZ+1+1

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|----------------------------------|---------------|-------------|----------------|----------------------|
| UNZ010 | 0036 | Interchange control count | M | n | 1/6 | Cummins Mandatory |

Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.

| | | | | | | |
|--------|------|--------------------------------------|---|----|------|----------------------|
| UNZ020 | 0020 | Interchange control reference | M | an | 1/14 | Cummins Mandatory |
|--------|------|--------------------------------------|---|----|------|----------------------|

Description: Unique reference assigned by the sender to an interchange.

Cummins Note: This will be the same interchange control reference number as in the UNB segment.