



## **Acknowledge / Rejection Advice Message**

### **CONTRL**

**Based on EDIFICE Issue 1  
(Based on EDIFACT Version 92.1)**

**Date : January 1997  
TI Version 1.0**

**This document can be found on the World Wide Web from  
<http://www.ti.com/sc/docs/scedi/sctepak.htm>**

Copyright 1997  
Texas Instruments Inc.  
All Rights Reserved

The information and/or drawings set forth in this document and all rights in and to inventions disclosed herein and patents which might be granted there on disclosing and employing the materials, methods, techniques, or apparatus described herein are exclusive property of Texas Instruments, Inc.

## Table of Contents

---

<b>TITLE</b>	<b>PAGE</b>
TABLE OF CONTENTS	3
INTRODUCTION	4
HOW TO USE THIS DOCUMENTATION	5
PURPOSE OF THIS MESSAGE	6
MESSAGE DIAGRAM	7
UNB INTERCHANGE HEADER	8
UNH MESSAGE HEADER	9
UNT MESSAGE TRAILER	10
UNZ INTERCHANGE TRAILER	12
EXAMPLE	13

## **Introduction**

This guide was developed by members of the Texas Instruments EDI message development Group. It is based on the guide developed by members of the Electronics Industry through the associations representing Europe (EDIFICE), Japan (EIAJ) and the USA (EIDX). It represents and is specific to the usage as specified by Texas Instruments.

## How To Use This Documentation

This document was created to aid in your implementation of the CONTRL message. This documentation contains those segments and elements that will be sent for the CONTRL message created by Texas Instruments.

A complete description of the segments are outlined in the UN/EDIFACT Standards Manual. If you require/need to be sent additional segments not listed in this documentation, an agreement must be reached with Texas Instruments Incorporated.

This document defines the TI preferred structure and content of the EDIFICE endorsed CONTRL message.

### **Segment/Data Element Usage**

- (M) Mandatory = EDIFACT dictates that the Data Element or Segment must be present.
- (R) Required = EDIFICE members agree that the data concerned must be sent.
- (D) Depending = The data concerned must be sent if a particular defined condition or set of conditions exists. The associated conditions must be explained at the appropriate level of detail.
- (A) Advised = Indicates that the RECEIVER of the message would prefer the data concerned to be sent, but does not require its transmission.
- (O) Optional = Indicates that the transmission of the data concerned is at the need or discretion of the SENDER, i.e. it is not required by the receiver in order to perform its business function. EDIFICE requires that the use of 'O' must be agreed between trading partners.
- (X) Not Used = The Data Element or Segment will not be used by EDIFICE members.

The EDIFICE usage status and number of occurrences for segments or segment groups will be represented analogue to the representation of data elements.

- e.g.:
- R3 The segment or group is required 3 times (fixed number)
  - R..3 The segment or group is required up to 3 times (maximum number)

### **Data Element Representation**

- (a) Alpha
- (an) Alpha Numeric
- (n) Numeric

### **Enveloping**

The UNB/UNZ Interchange envelope and the UNH/UNT message envelope are shown in this document in the message diagram. Details on these segments are found separately in the SERSEG document.

## **Purpose of this Message**

The Acknowledgement/Rejection Advice is a message from the recipient of an Interchange back to its sender containing an acknowledgement of receipt or a rejection of the Interchange.

Texas Instruments agrees with the EDIFICE recommendation that the Acknowledgement/Rejection Advice (CONTRL) message should NOT be used. However, there may be exceptional cases where a business partner (or government authority) requests in his outgoing message to receive the CONTRL message in return.

The use of the CONTRL message should be agreed upon by special agreement. The request to receive a CONTRL message in return may be indicated in the UNB segment.

The CONTRL message must be sent in a separate Interchange and consequently be within the service segments UNB and UNZ.

## References

UNSM ACKNOWLEDGEMENT/REJECTION ADVICE MESSAGE STATUS 1, SEP. 1989  
EDIFACT SEGMENT DIRECTORY 90.1  
EDIFACT CODE SET 90.1  
EDIFICE SERVICE SEGMENTS  
ISO 9735 EDIFACT SYNTAX RULES

## Acknowledgement / Rejection Advice (CONTRL)

---

SEG	NAME	REQ DES	MAX USE	LOOP REPEAT
UNH	Message header	M	1	
UCI	Interchange response	R	1	
UNT	Message Trailer	M	1	



## UNH - Message Header

---

**Function:** To head, identify and specify a message.

**Usage:** M1

**Remarks:** Refer to EDIFICE Utilisation of the EDIFACT Service Segments, Issue 2.

---

Field #	Ref.	Rep.	Field	Usage	TI Utilisation
UNH01	0062	an..14	MESSAGE REFERENCE NUMBER	M	See Note 1
UNH02	S009		MESSAGE IDENTIFIER	M	
	0065	an..6	Message type identifier	M	
	0052	an..3	Message type version number	M	'1'
	0054	an..3	Message type release number	M	'0'
	0051	an..2	Controlling agency	M	'UN'
	0057	an..6	Association assigned code	O	'ED2'
UNH03	0068	an..35	COMMON ACCESS REFERENCE	X	
UNH04	S010		STATUS OF THE TRANSFER	O	
	0070	n..2	Sequence message transfer number	M	
	0073	a..1	First/last sequence message transfer indication	O	

### UNH Notes

#### 1. DE 0062 MESSAGE REFERENCE NUMBER

Transmission message count from 1

## UCI - Interchange Response

---

**Function:** To identify the Interchange which is being responded to and to indicate the action taking place i.e. acknowledgement or rejection.

**Usage:** M1

**Remarks:**

---

Field #	Ref.	Rep.	Field	Usage	TI Utilisation
UCI03	0020	an..14	INTERCHANGE CONTROL REF	M	See Note 1
UCI01	S002		INTERCHANGE SENDER	M	See Note 1
	0004	an..35	Sender identification	M	
	0007	an..4	Partner ID code qualifier	R	
	0008	an..14	Address reverse rout	D	
UCI02	S003		INTERCHANGE RECIPIENT	M	See Note 1
	0010	an..35	Recipient identification	M	
	0007	an..4	Partner ID code qualifier	R	
	0014	an..14	Routing Address	D	
UCI04	0083	an..14	ACTION CODE	M	See Note 3
UCI05	0085	an..2	ERROR CODE	M	See Note 4

## UCI - Interchange Response

---

### UCI Notes

1. The Interchange Sender and Interchange Recipient Identification is copied from the corresponding elements of the UNB of the Interchange being acknowledged, as is the Interchange Control Reference.
2. DE 0008 and DE 0014 are 'Depending' because they are copied directly from the Interchange being acknowledged, where they may or may not have been used.
3. DE 0083 ACTION CODE
  - 4 negative acknowledgement (rejection)
  - 5 positive acknowledgement

Until codes are published by EDIFACT codes '4' and '5' are to be used.

4. DE 0085 ERROR CODE

**Note: This Data Element is currently not supported at Texas Instruments.**

- 1 UNA not supported
- 10 Data element attribute error
- 11 Password invalid
- 2 Syntax not supported
- 3 Message version/release not supported
- 4 Service segment missing/invalid
- 5 Trailer check in error
- 6 Data segment missing/invalid
- 7 Addressee in error
- 8 Too many data elements in segment
- 9 Mandatory data element missing

These codes are requested. Until codes are published by EDIFACT, the above codes are to be used.

## UNT - Message Trailer

---

**Function:** To end and check the completeness of a message.

**Usage:** M1

**Remarks:** Refer to EDIFICE Utilisation of the EDIFACT Service Segments, Issue 2.

---

Field #	Ref.	Rep.	Field	Usage	TI Utilisation
UNT01	0074	n..6	NUMBER OF SEGMENTS IN A MESSAGE	M	
UNT02	0062	an..14	MESSAGE REFERENCE NUMBER	M	

## Example

---

This example shows that Company ABC rejects the Interchange 000000027 received from Company XYZ.

UNH+00000000100001+CONTRL:1'

UCI+000000027+COMPANY ABC:US01+COMPANY XYZ:US01+4'

UNT+3+00000000100001'